

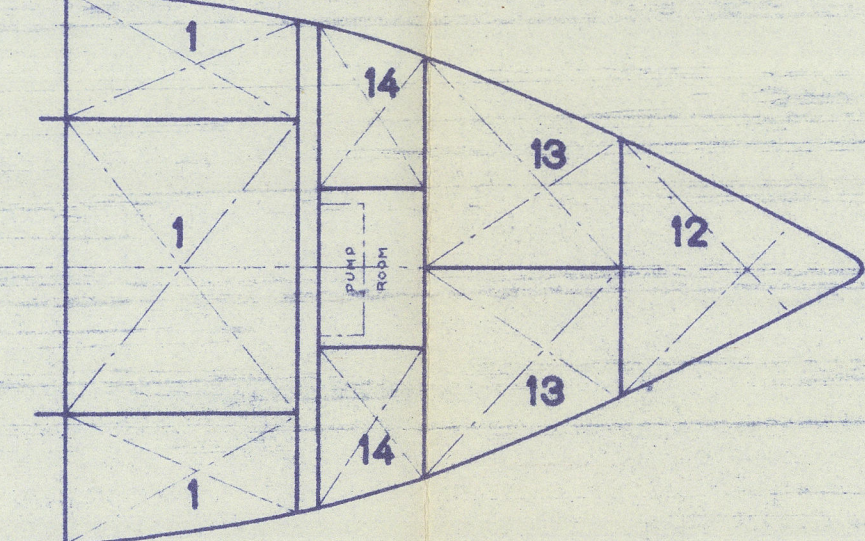
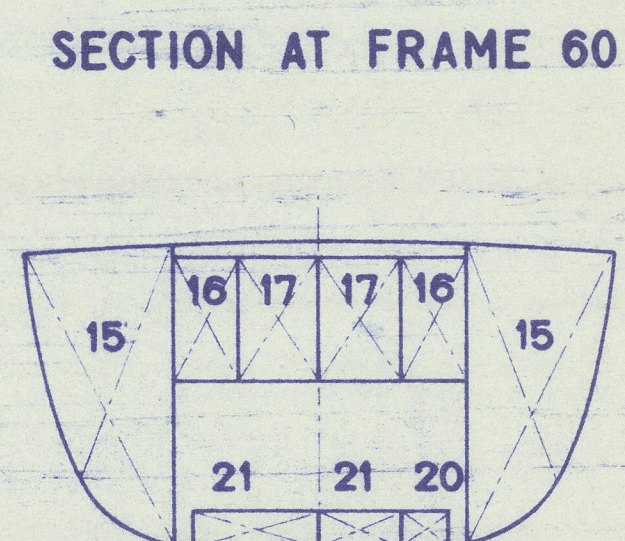
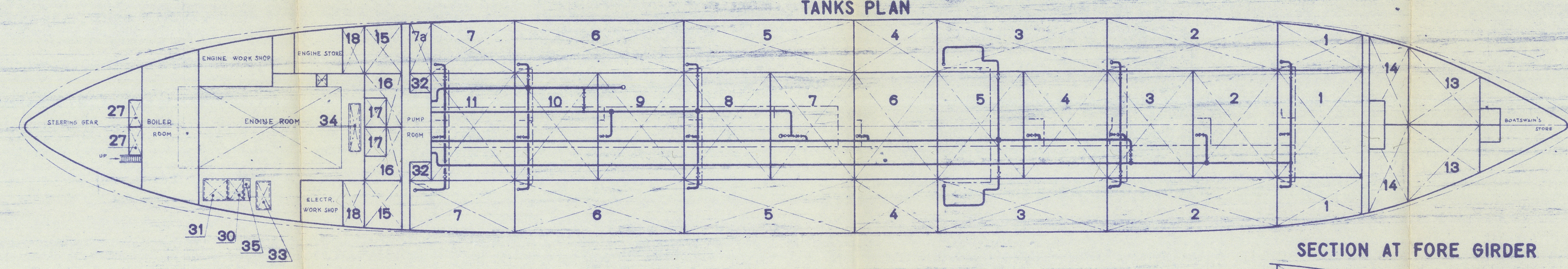
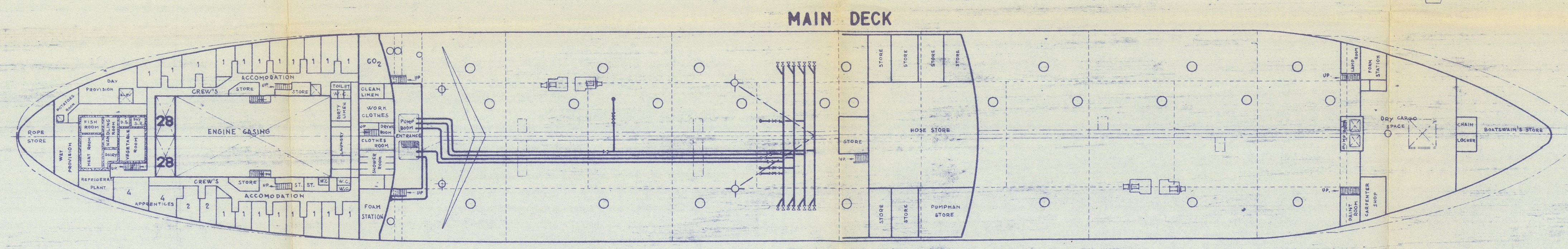
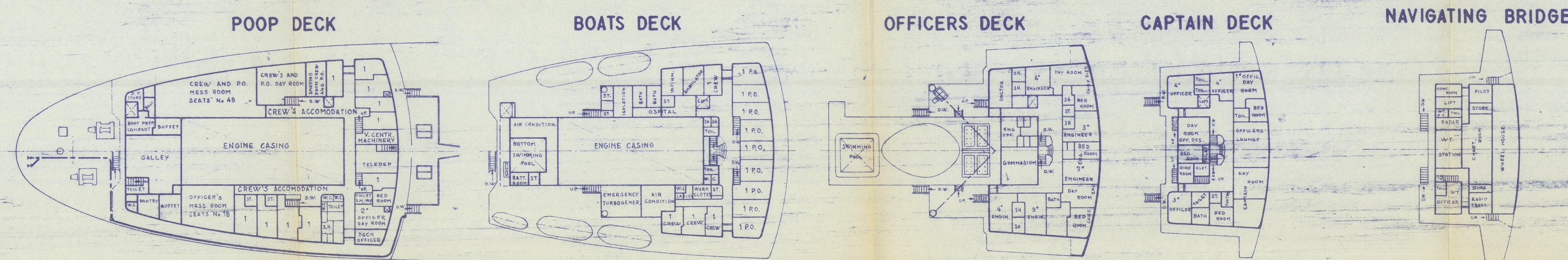
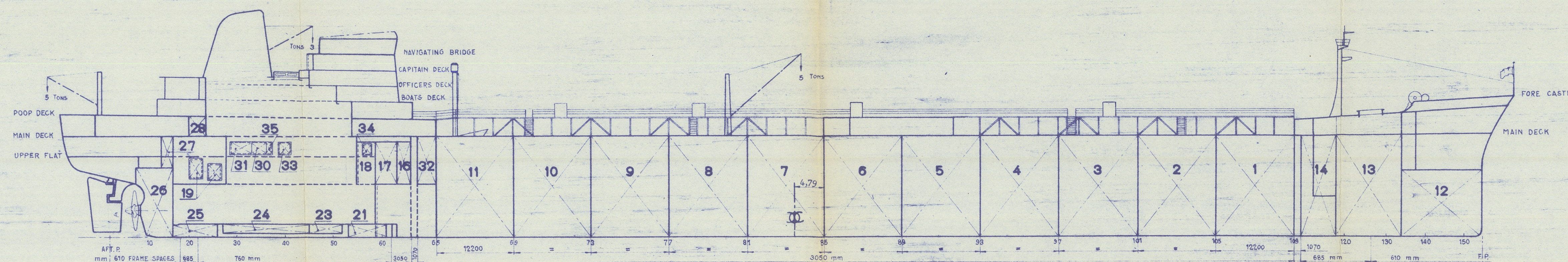
CARGO TANKS						
FRAMES	COMPARTMENT			W/BALLAST	CARGO % FULL	CARGO COEFFICIENT
105-109	CENTRE TANK				2929	2989
101±105	H	H	N ± 1 m <sup>3</sup>		2928	2983
97-101	H	H	" 2 "		2922	2982
93-97	H	F	" 4 "		2928	2983
89-93	H	F	" 5 "	2979		
85-89	H	F	" 6 "		2920	2980
81-85	H	F	" 7 "		2915	2974
77-81	H	F	" 8 "		2917	2977
73-77	H	F	" 9 "		2916	2976
69-73	H	H	" 10 "		2915	2974
65-69	H	H	" 11 "		2915	2974
105-109	WING TANK				1134	1157
105±109	H	H	" 1 "		1134	1157
97-101	H	H	" 2 "		2823	2881
93-97	H	F	" 3 "		2823	2881
89-97	H	H	" 4 "		2898	2957
85-97	H	H	" 5 "		2898	2957
81-89	H	H	" 6 "	1479		
85-89	H	H	" 4 "	1479		
77-85	H	H	" 5 "		2899	2958
73-85	H	F	" 6 "		2899	2958
69-77	H	F	" 9 "		2872	2931
65-77	H	F	" 10 "		2872	2931
61-69	H	H	" 7 "		1636	1669
57-61	H	H	" 8 "		1335	1362
TOTAL				m <sup>3</sup>	5937	57418
					5937	58509

DOUBLE BOTTOMS AND TANKS						
FRAMES	COMPARTMENT	FUEL OIL	L.OIL	F.WATER	W.BALLAS	
136-FORE	FORE PEAK	N <sub>2</sub> 12 m <sup>3</sup>			1034	
118-134	FORWARD DEEP TANK	" 13 "	1506.00		1506	
118-134	" " "	" 13 "	1506.00		1506	
110-118	" " "	" 14 "	800.00		800	
110-118	" " "	" 14 "	800.00		800	
59-63	WING BUNKER	" 15 "	492.00		492	
59-63	" " "	" 15 "	492.00		492	
59-63	SETTLING TANK	" 16 "	180.00			
59-63	" " "	" 16 "	180.00			
59-62A	DAILY TANK	" 17 "	98.70			
59-62A	" " "	" 17 "	98.70			
55-59	DIESEL OIL TANK	" 18 "	127.30			
56-59	" " "	" 18 "	127.30			
20-23	BOILER SERVICE TANK	" 19 "	11.50			
24-27	" " "	" 19 "	11.85			
58-61	DISTILL. W.DOUBLE BOTTOM	" 20 "		11.60		
53-61	WASHING " "	" 21 "		62.80		
53-61	" " "	" 21 "		61.90		
38-56	" " "	" 22 "		82.00		
38-56	" " "	" 22 "		82.00		
45-52	OIL DOUBLE BOTTOM	" 23 "	42.00			
28-45	" " "	" 24 "	49.40			
28-45	" " "	" 24 "	49.40			
17-25	WASHING W.DOUBLE BOTTOM	" 25 "		56.20		
6-16	AFTER PEAK- WASHING W.	" 26 "		204.00		
13-16	DRINKING WATER TANK	" 27 "		36.40		
13-16	" " "	" 27 "		35.50		
20-24	FEED WATER TANK	" 28 "		51.90		
20-24	" " "	" 28 "		51.90		
29-33	GEN SETS LUBRIF OIL TANK	" 30 "	18.60			
29-33	MAIN GEN. LUB. OIL TANK	" 31 "	24.20			
36-42	CYLINDERS OIL TANK	" 33 "	28.00			
59-58	DIESEL OIL TANK FOR M.E.	" 34 "	21.60			
60-57	1/2 GEN SET OIL TANK	" 35 "		3.20		
36-37	LUB. OIL TANK	" "		2.18		
62-62A	FUEL OIL OVERFLOW	" (14.40)				
62-62A	DIESEL OIL OVERFLOW	" (6.40)				
	TOTAL	m <sup>3</sup>	6422.95	216.95	725.90	
					663.00	

PROVISION STORES AND REFRIGERATE SPACES			
FRAMES	COMPARTMENT		VOLUME
-4+2	WET PROVISION (GRAIN)	m <sup>3</sup>	1.04
-4+2	POTATOES ROOM	"	47
2+18	DRY PROVISION	"	106
2+8	MEAT ROOM	"	35
2+8	FISH ROOM	"	14
8+11	DAIRY ROOM	"	11
8+11	HANDLING ROOM	"	25
11+14	DRINKS STORAGE ROOM	"	6
14+18	DAY SERVICE ROOM	"	6
2+18	VEGETABLE ROOM	"	40
	TOTAL	m <sup>3</sup>	396

OTHER SPACES			
FRAMES	COMPARTMENT		VOLUME
64 + 65	BUTTERWORTH	WASHING TANK	N 7 s m <sup>3</sup> 307
64 + 65	SLUDGE	TANK	" 32 " 56
64 + 65	"	"	" 32 " 56
109 + 110	FORWARD	COFFERDAM	" " 424
118 - 134	DRY CARGO HOLD	GRAIN	" " 317
20 + 53	ENGINE	COFFERDAM	" " 200
58 + 62	"	"	" " 40

"RAPHAEL"



3773 mm

11824 mm

LLOYD'S REGISTER 100.A.1 OIL TANKER  
ICE CLASS 3  
LLOYD'S REGISTER L.M.C. OIL ENGINE

LENGHT O.A.	m	227,841
LENGHT B.P.	"	215,033
BREADTH MOULDED MAX	"	31,000
BREADTH O.A.	"	31,109
DEPTH TO M.D.	"	15,564
GROSS TONNAGE	T.	31133,48
NET TONNAGE		18876,10
SUEZ GROSS T.		
SUEZ NET T.		
PANAMA GROSS T.		
PANAMA NET T.		

EMPTY SHIP	T. 15113
E.R.CIRCULATING LIQUID	128
DECK SERV. & OUTFIT CIRC. LIQUID	59
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LIGHT SHIP	T. 15300
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CREW AND EFFECTS	T. 11

FREEBOARD		DRAUGHT		DEADWEIGHT	DISPLACEMENT	TON PER	TON PER	MOMENT TO	DISPLACEMENT	DEADWEIGHT	DRAUGHT		FREEBOARD
m	dm	FEET	d = 1,000	d = 1,000	1 cm	1 INCH	TO CHANGE	d = 1,025	d = 1,025	dm	FEET	m	
			T.	T.	T/cm	T/1"	T x m	T.	T.				
3,00	128	XLII			59,5	151		70000	55000	128	XLII	3,00	
	126	XLI								126	XLI		
	124									124			
	122	XL	50000	65000			850			122	XL		
	120	XXXIX			59	150		65000	50000	120	XXXIX		
4,00	118	XXXVIII								118	XXXVIII	4,00	
	116	XXXVII	45000	60000						116	XXXVII		
	114	XXXVI			58,5			60000	45000	114	XXXVI		
	112	XXXV								112	XXXV		
	110	XXXIV	40000	55000	58		800	55000	40000	110	XXXIV		
5,00	108	XXXIII								108	XXXIII	5,00	
	106	XXXII			57,5					106	XXXII		
	104	XXXI	35000	50000				50000	35000	104	XXXI		
	102	XXX			57					102	XXX		
	100	XXIX								100	XXIX		
6,00	98	XXVIII								98	XXVIII	6,00	
	96	XXVII			56,5					96	XXVII		
	94	XXVI	30000	45000				45000	30000	94	XXVI		
	92	XXV			56					92	XXV		
	90	XXIV								90	XXIV		
7,00	88	XXIII								88	XXIII	7,00	
	86	XXII			55,5					86	XXII		
	84	XXI								84	XXI		
	82	XX	25000	40000				40000	25000	82	XX		
	80	XIX								80	XIX		
8,00	78	XVIII								78	XVIII	8,00	
	76	XVII			55					76	XVII		
	74	XVI								74	XVI		
	72	XV	20000	35000	55,5			35000	20000	72	XV		
	70	XIV								70	XIV		
9,00	68	XIII								68	XIII	9,00	
	66	XII								66	XII		
	64	XI								64	XI		
	62	X	15000	30000	55			30000	15000	62	X		
	60	XXXIX								60	XXXIX		
10,00	58	XXXVIII								58	XXXVIII	10,00	
	56	XXXVII								56	XXXVII		
	54	XXXVI			54,5			25000	10000	54	XXXVI		
	52	XXXV	10000	25000						52	XXXV		
	50	XXXIV								50	XXXIV		
11,00	48	XXXIII								48	XXXIII	11,00	
	46	XXXII								46	XXXII		
	44	XXXI								44	XXXI		
	42	XXX	5000	20000	54			20000	5000	42	XXX		
	40	XXXIX								40	XXXIX		
12,00	38	XXXVIII								38	XXXVIII	12,00	
	36	XXXVII								36	XXXVII		
	34	XXXVI			53,5					34	XXXVI		
	32	XXXV	0	15000				15000	0	32	XXXV		
	30	XXXIV								30	XXXIV		

	TF	F	T	S	W	WNA
FREEBOARD	3,254	3,500	3,527	3,773	4,019	4,198
DRAFT	12,343	12,097	12,070	11,824	11,578	11,399
D.W.	50370	48920	50370	48920	47475	46420
DISPLAC.	65670	64220	65670	64220	62775	61720

<b>ANSALDO S.A.</b> <b>CANTIERI NAVALI</b> <b>GENOVA-SESTRI</b>		DATE: <b>15/04/74</b> DELEGATION: <b>Genova</b> <b>301</b>	
NO. CAP. 101		1/400 DETO DE PED. C/O BAL. LAVORI IN C/O DE MAR.	[ ] [ ] [ ] [ ] [ ]
<b>CINC. CUBO</b>		<b>B. SP. 1/1</b>	
<b>CAPACITY PLAN</b>		C.A. <b>5/7/74</b> DATA: <b>15/09/0163</b> FOUNDATION: <b>1974</b>	



GENOA F.E. RPT № 30070

(11)

ANSALDO S.P.A. GENOA-SESTRI.

YARD № 1598.

RAPHAEL

CAPACITY PLAN.

D/S. 1025.

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