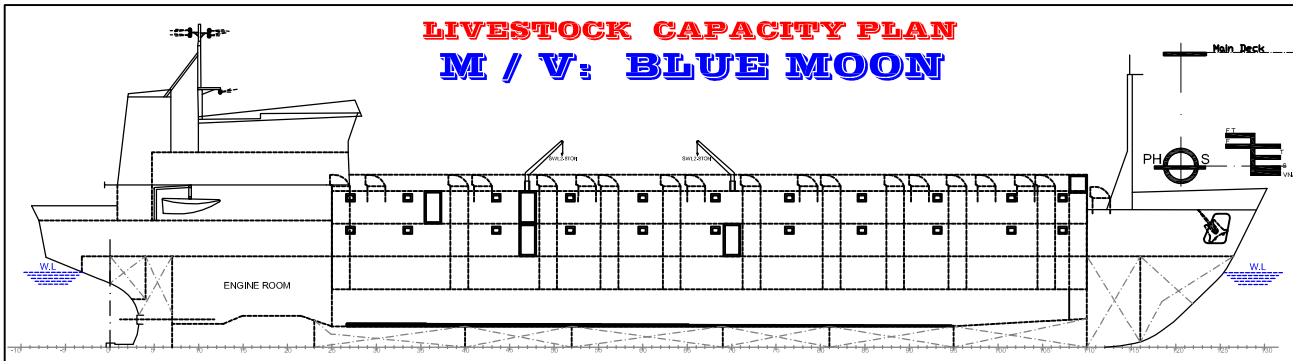
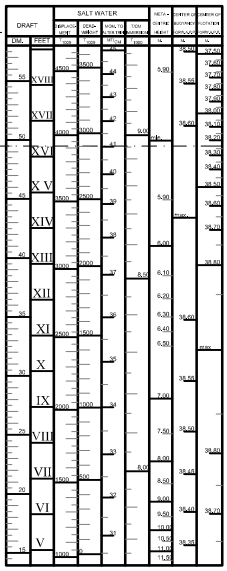
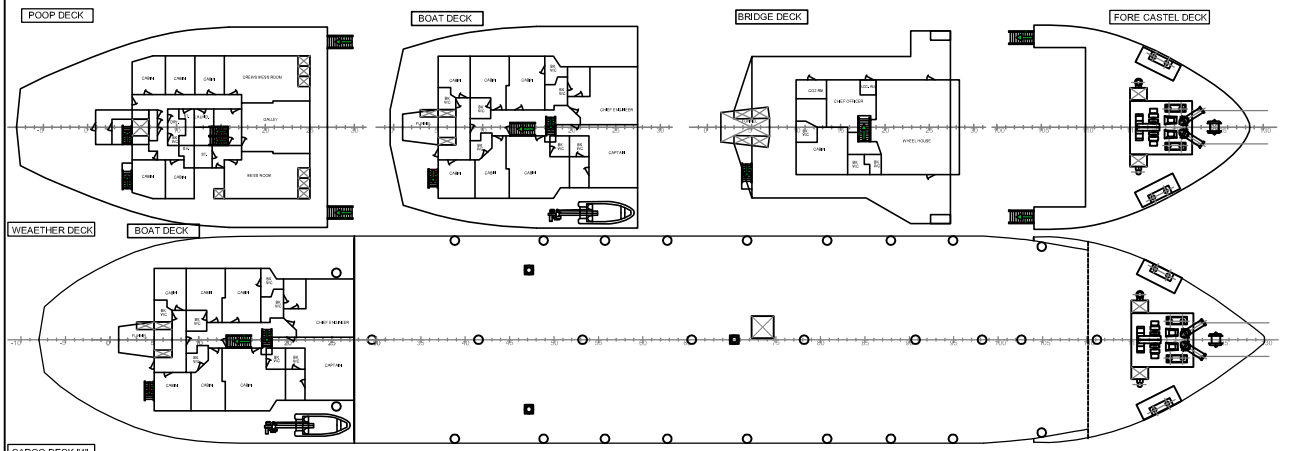
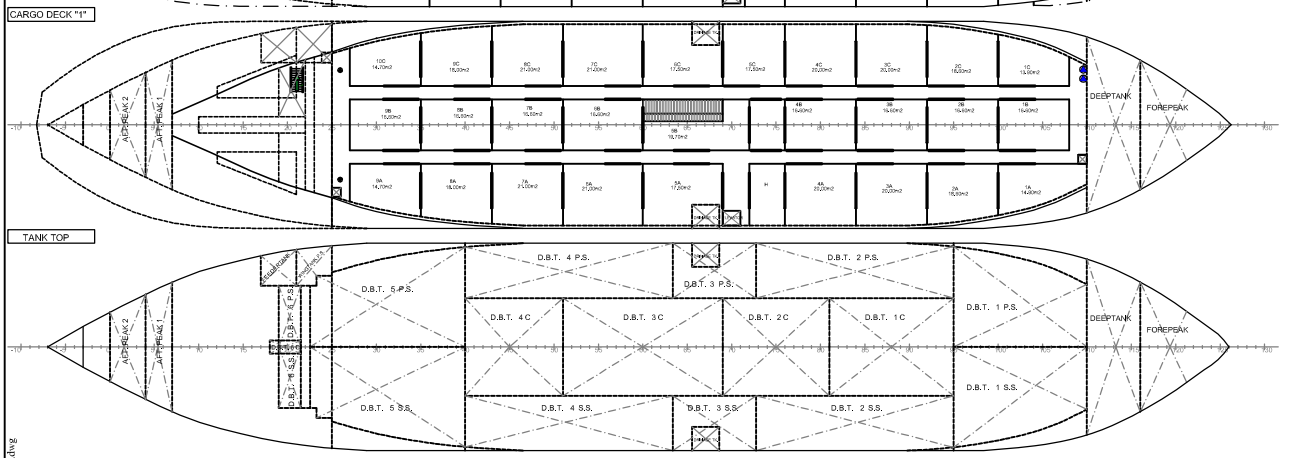
LIVESTOCK CAPACITY PLAN
M / V: BLUE MOON









CAPACITIES AND CENTERS OF CARGO SPACES

CARGO DECK NO.1

PENS	AEAS (m2)			SHEEP (40 kgs) 0.28m2/head			CATTLE (400kgs) 1.45m2/head		
1P 1C 1S	1P	1C	1S	1P	1C	1S	1P	1C	1S
1 A 1 B 1 C	14.99	35.68	14.99	54	129	54	10	25	10
2 A 2 B 2 C	19.68	35.68	19.68	71	127	71	13	24	13
3 A 3 B 3 C	21.00	35.68	21.00	75	127	75	15	24	15
4 A 4 B 4 C	21.00	35.68	21.00	75	127	75	15	24	15
5 A 5 B 5 C	17.59	29.76	17.59	63	106	63	12	20	12
6 A 6 B 6 C	21.00	35.68	21.00	75	127	75	15	24	15
7 A 7 B 7 C	21.00	35.68	21.00	75	127	75	15	24	15
8 A 8 B 8 C	18.70	31.80	18.70	67	114	67	13	22	13
9 A 9 B 9 C	14.79	16.89	14.79	53	60	53	10	12	10
TOTAL		467.90			1686			324	
WEIGHT (MT)					471.04			130.48	
V.C.G.(m)					4.01			8.97	
L.C.G.(m)					49.15			49.15	

CARGO DECK NO.2

PENS	AEAS (m2)			SHEEP (40 kgs) 0.28m2/head			CATTLE (400kgs) 1.45m2/head		
1 D 1 S	22.73	35.68	22.50	78	57	79	16	12	16
2 D 2 S	21.09	35.68	21.00	75	127	75	15	24	15
3 D 3 S	21.09	35.68	21.00	75	127	75	15	24	15
4 D 4 S	21.09	35.68	21.00	75	127	75	15	24	15
5 D 5 S	22.50	35.70	18.40	79	68	64	15	14	13
6 D 6 S	21.09	11.89	21.00	75	41	75	15	8	15
7 D 7 S	21.09	35.68	21.00	75	127	75	15	24	15
8 D 8 S	21.09	35.68	21.00	75	127	75	15	24	15
9 D 9 S	22.09	35.68	21.00	78	65	73	15	13	15
	10.6		22.44			74			15
TOTAL	552.64				1891			390	
WEIGHT (MT)					74.44			156.39	
V.C.G.(m)					3.87			4.27	
L.C.G.(m)					49.26			49.34	

CARGO DECK NO.3

PENS	AEAS (m2)			SHEEP (40 kgs) 0.28m2/head			CATTLE (400kgs) 1.45m2/head		
1 G 1 S	22.50	35.68	22.50	78	57	79	16	12	16
2 G 2 S	21.09	35.68	21.00	75	127	75	15	24	15
3 G 3 S	21.09	35.68	21.00	75	127	75	15	24	15
4 G 4 S	21.09	35.68	21.00	75	127	75	15	24	15
5 G 5 S	11.89	12.60	21.00	41	43	73	8	8	15
6 G 6 S	21.09	35.68	21.00	75	127	75	15	24	15
7 G 7 S	22.60	34.47	17.60	78	58	61	16	10	12
8 G 8 S	15.50	13.89	13.60	55	49	47	11	10	10
9 G 9 S	15.50	13.89	13.60	55	49	47	11	10	10
MG	14.29			49			10		
TOTAL	519.40				1801			360	
WEIGHT (MT)					72.84			147.20	
V.C.G.(m)					6.65			6.85	
L.C.G.(m)					49.55			49.47	

CARGO DECK NO.4

PENS	AEAS (m2)			SHEEP (40 kgs) 0.28m2/head			CATTLE (400kgs) 1.45m2/head		
1 F 1 S	22.50	35.68	22.50	78	57	79	16	12	16
2 F 2 S	21.09	35.68	21.00	75	127	75	15	24	15
3 F 3 S	21.09	35.68	21.00	75	127	75	15	24	15
4 F 4 S	21.09	35.68	21.00	75	127	75	15	24	15
5 F 5 S	11.89	12.60	21.00	41	43	73	8	8	15
6 F 6 S	21.09	35.68	21.00	75	127	75	15	24	15
7 F 7 S	22.60	34.47	17.60	78	58	61	16	10	12
8 F 8 S	15.50	13.89	13.60	55	49	47	11	10	10
9 F 9 S	15.50	13.89	13.60	55	49	47	11	10	10
-	10.1			36			7		
TOTAL	519.40				1794			366	
WEIGHT (MT)					72.76			146.40	
V.C.G.(m)					8.15			8.15	
L.C.G.(m)					49.43			49.53	

CAPACITIES AND CENTERS OF TANKS

1.Diesel oil tanks — **S.G= 0.85 (ton)**

Items	Frames	Volume (m3)	Weight (T)	V.C.G (m)	L.C.G (m)	F.S.M (mt)
D.B.T.1C	69-83	69.0	58.65	0.68	52.90	660.47
D.B.T.4C	69-83	69.0	58.65	0.68	52.90	660.47
D.B.T.1P	83-93	69.0	58.65	0.68	51.49	660.47
D.B.T.1S	83-93	69.0	58.65	0.68	51.49	660.47
S.T.D.O.(S.G.=0.85)	93-97	29.0	24.65	0.68	51.49	277.47
Daily tank M/E		9.8	8.33	1.10	55.39	
Daily tank G.E.(1,2,3) Sets		10.0	8.50	1.10	55.39	
TOTAL	---	514.4	437.24	0.68	52.00	4102.47

2.Lub.oil & various tanks — **S.G= 0.90 (ton)**

Items	Frames	Volume (m3)	Weight (T)	V.C.G (m)	L.C.G (m)	F.S.M (mt)
L.O.S.T.		9.0	8.10	4.50	52.00	72.90
SLUDGE TK E/R S/D	69-83	3.60	3.24	3.28	53.00	11.87
SEWAGE TANK		2.00	1.80	6.10	56.40	10.98
DRAINAGE TANK		23.42	21.42	0.51	41.10	21.61

3. Fresh water tanks (for crew) — **S.G. = 1.00 t/m3**

Items	Frames	Volume (m3)	Weight (T)	V.C.G (m)	L.C.G (m)	F.S.M (mt)
F.W.T. N1	8-9	30.2	30.2	4.50	3.10	48.44
F.W.T. N2	8-9	16.4	16.4	5.30	4.80	30.27
TOTAL		46.6	46.6	4.83	3.68	78.71

4. Water ballast tanks (fresh water for livestock) — **S.G. = 1.00 t/m3**

Items	Frames	Volume (m3)	Weight (T)	V.C.G (m)	L.C.G (m)	F.S.M (mt)
F.P.T.	113-117(P&S)	68.0	68.0	9.65	72.0	185.68
DEEP TANK	118-135	134.8	139.8	3.75	67.64	176.71
D.B.T.NO.(P+S)	5C-1B	142.0	142.0	0.93	62.30	185.86
D.B.T.NO.2 (P+S)	7-9C	94.0	94.0	0.76	59.20	145.06
D.B.T.NO.3 (P+S)	5-7	89.0	89.0	0.76	47.10	68.38
D.B.T.NO.4 (P+S)	3P-5P	103.8	103.8	0.97	35.68	95.26
D.B.T.NO.5 (P+S)	2-3P	130.0	130.0	1.73	23.61	130.22
TOTAL		766.5	766.5	1.75	49.13	1035.17

SHIP'S PARTICULARS

TYPE OF SHIP : LIVESTOCK CARRIER
CLASS : PHOENIX REGISTER OF SHIPPING
FLAG: SIERRA LAONE
IMO No : 7396630
CALLSIGN : 9LB2265
PORT OF REGISTRY : FREE TOWN
KEEL LAYING : 1975
GROSS TONNAGE : 2504 R.T.
NET TONNAGE : 1428 R.T.
LENGTH O.A. = 83.44m
LENGTH B.P = 74.89m
BREADTH =14.00m
DEPTH = 6.14m
DRAFT =5.06m

IMO No : 7396630

M / V: BLUE MOON

LIVESTOCK CAPACITY PLAN

DRAW BY:	CHECKED BY:	SCALE	DATE:
RAK MARITIME CO, SYR.		1/200	JAN. 2012

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