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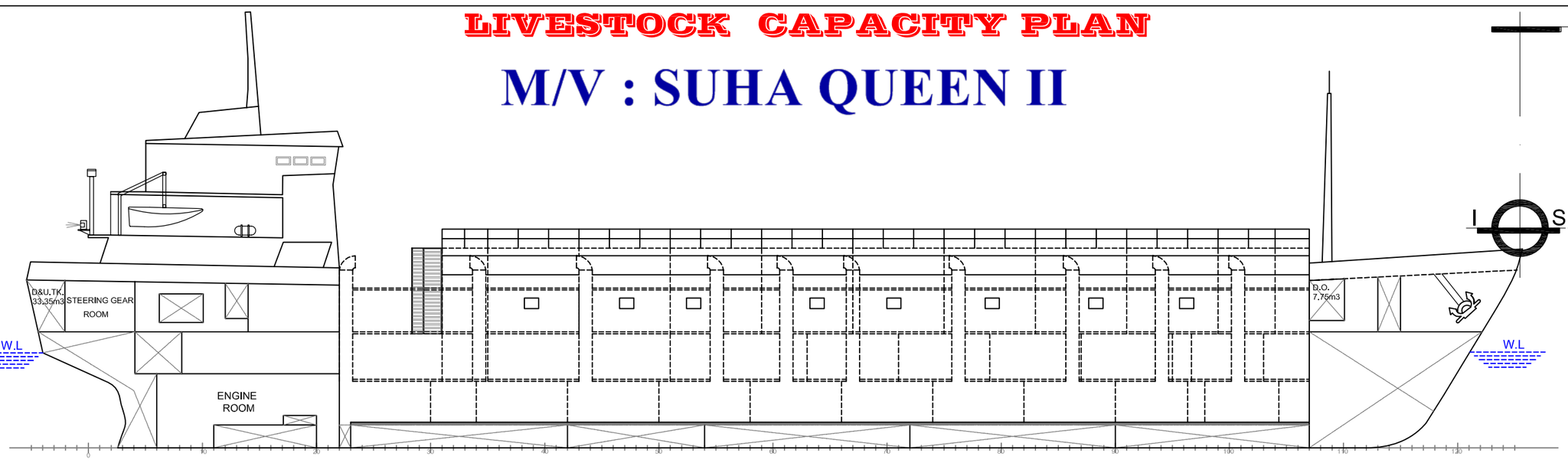
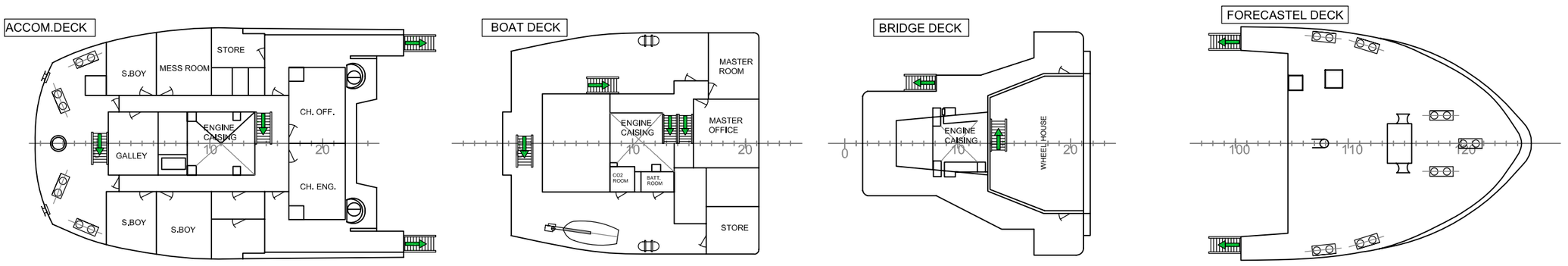
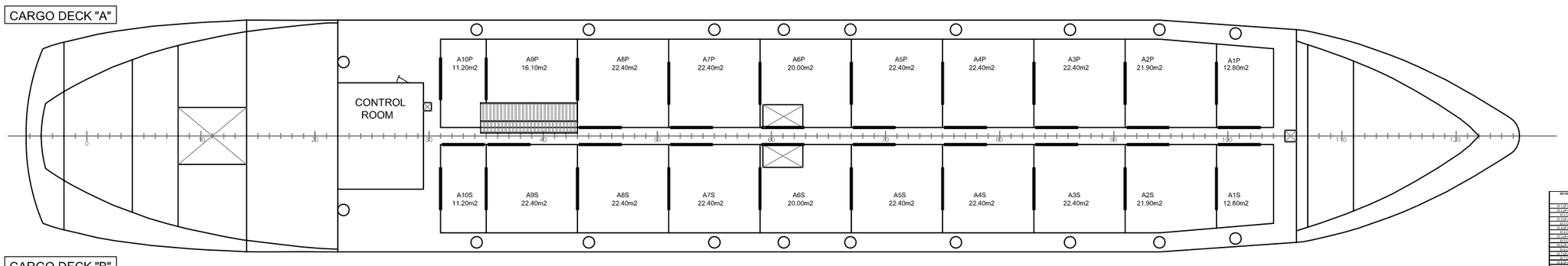
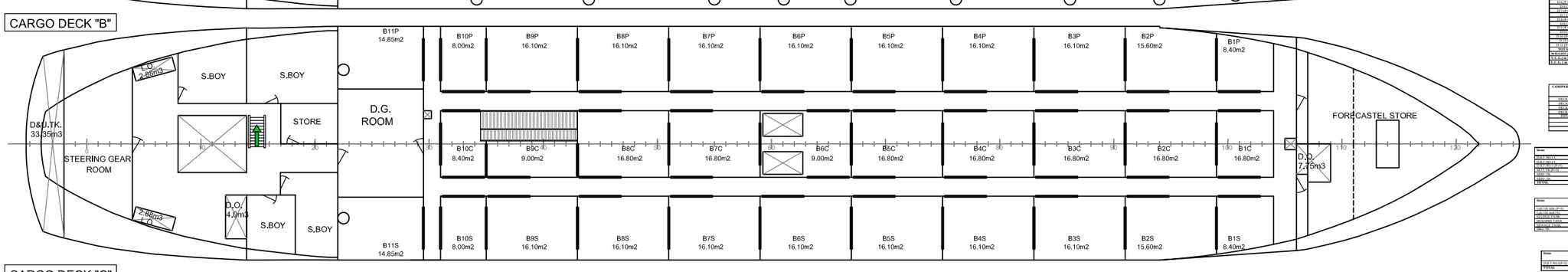
LIVESTOCK CAPACITY PLAN

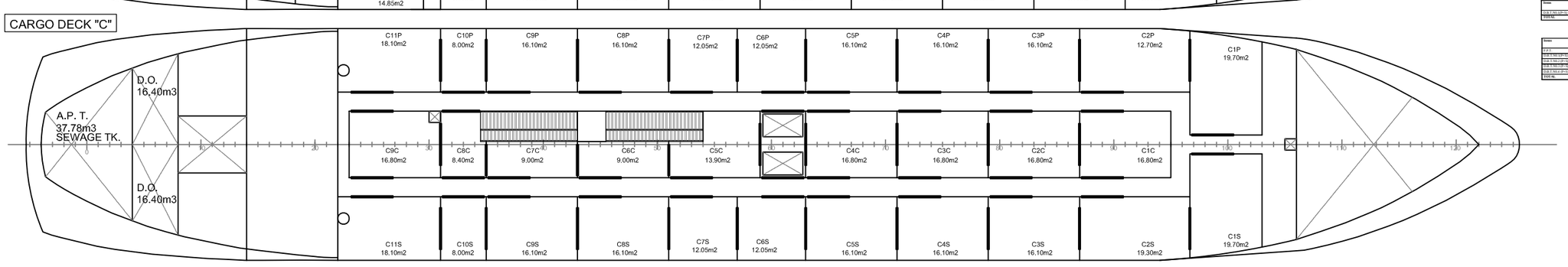
M/V : SUHA QUEEN II

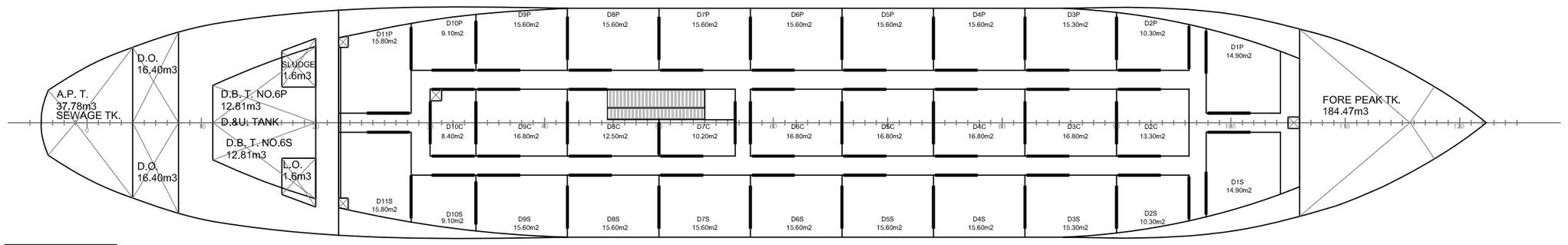


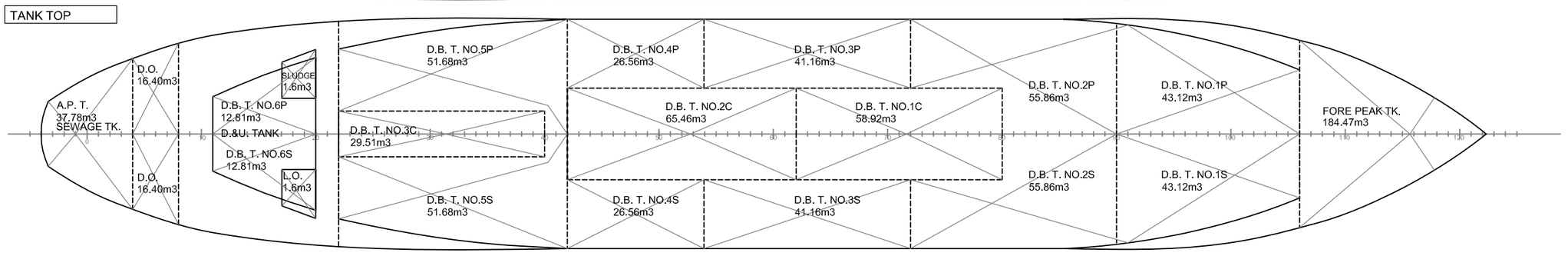












6.CARGO DECK "D "

PENS	AEAS (m2)	SHEEP (80 KGS) 0.25 m2/head	CATTLE (500 KGS) 1.45 m2/head
D.12P+S)	2 x 14.00	2 x 51	2 x 19
D.11P+S)	2 x 15.00	2 x 55	2 x 1
D.P.C	13.50	45	9
D.10P+S)	2 x 15.00	2 x 55	2 x 19
D.P.C	14.00	56	12
D.9P+S)	2 x 15.00	2 x 54	2 x 11
D.P.C	14.00	56	12
D.8P+S)	2 x 15.00	2 x 54	2 x 11
D.P.C	14.00	56	12
D.7P+S)	2 x 15.00	2 x 54	2 x 11
D.P.C	14.00	56	12
D.6P+S)	2 x 15.00	2 x 54	2 x 11
D.P.C	14.00	56	12
D.5P+S)	2 x 15.00	2 x 54	2 x 11
D.P.C	14.00	56	12
D.4P+S)	2 x 15.00	2 x 54	2 x 11
D.P.C	14.00	56	12
D.3P+S)	2 x 15.00	2 x 54	2 x 11
D.P.C	14.00	56	12
D.2P+S)	2 x 14.00	2 x 51	2 x 10
D.P.C	13.50	45	9
D.1P+S)	2 x 13.00	2 x 47	2 x 9
D.P.C	13.00	43	8
TOTAL	469.00	1320	312
WEIGHT (MT)		105.60	124.80
V.C.G (m)		5.83	6.23
L.C.G (m)		31.20	31.20

RECAPITULATION TABLE

COMPARTMENT	AREA m2	SHEEP (80 KGS) 0.25 m2/head	CATTLE (500 KGS) 1.45 m2/head
DECK "D"	469.00	1320	312
DECK "C"	469.00	1320	312
DECK "B"	469.00	1320	312
DECK "A"	469.00	1320	312
TOTAL	1876.00	5280	1248
WEIGHT (MT)		422.40	499.20
V.C.G (m)		15.51	15.51
L.C.G (m)		31.20	31.20

CAPACITIES AND CENTERS OF TANKS

Liquid oil tanks L.C.G = 31.2 (m)

Items	Frame	Volume (m3)	Weight (T)	V.C.G (m)	L.C.G (m)	F.S.M (mt)
F.P.T.	109-132	184.47	184.47	3.69	83.82	159.10
D.B.T.NO.1(P+S)	30-104	86x2	86x2	0.62	58.41	116.70
D.B.T.NO.2(P+S)	17-30	111.72	111.72	0.62	49.19	107.72
D.B.T.NO.3(P+S)	14-17	81.52	81.52	0.63	37.80	83.26
D.B.T.NO.4(P+S)	12-14	53.12	53.12	0.64	28.83	63.96
1000 M.		24.7187	137.87	2.52	52.72	169.10

A.Water ballast tanks S.G. = 1.00 (mt)

Items	Frame	Volume (m3)	Weight (T)	V.C.G (m)	L.C.G (m)	F.S.M (mt)
F.P.T.	109-132	184.47	184.47	3.69	83.82	159.10
D.B.T.NO.1(P+S)	30-104	86x2	86x2	0.62	58.41	116.70
D.B.T.NO.2(P+S)	17-30	111.72	111.72	0.62	49.19	107.72
D.B.T.NO.3(P+S)	14-17	81.52	81.52	0.63	37.80	83.26
D.B.T.NO.4(P+S)	12-14	53.12	53.12	0.64	28.83	63.96
1000 M.		24.7187	137.87	2.52	52.72	169.10

CAPACITIES AND CENTERS OF CARGO SPACES

1.CARGO DECK "A"

PENS	AEAS (m2)	SHEEP (80 KGS) 0.25 m2/head	CATTLE (500 KGS) 1.45 m2/head
A.1.P+S)	2 x 12.80	2 x 44	2 x 9
A.2.P+S)	2 x 21.90	2 x 76	2 x 15
A.3.P+S)	2 x 22.40	2 x 77	2 x 15
A.4.P+S)	2 x 22.40	2 x 77	2 x 15
A.5.P+S)	2 x 22.40	2 x 77	2 x 15
A.6.P+S)	2 x 20.00	2 x 69	2 x 14
A.7.P+S)	2 x 22.40	2 x 77	2 x 15
A.8.P+S)	2 x 22.40	2 x 77	2 x 15
A.9.P+S)	2 x 22.40	2 x 77	2 x 15
A.10.P+S)	2 x 11.20	2 x 38	2 x 8
TOTAL	469.00	1613	322
WEIGHT (MT)		50.44	108.92
V.C.G (m)		9.70	9.70
L.C.G (m)		38.23	38.23

2.CARGO DECK " B "

PENS	AEAS (m2)	SHEEP (80 KGS) 0.25 m2/head	CATTLE (500 KGS) 1.45 m2/head
B.1.P+S)	2 x 8.40	2 x 29	2 x 6
B.1.C	16.80	58	12
B.2.P+S)	2 x 15.60	2 x 54	2 x 11
B.2.C	16.80	58	12
B.3.P+S)	2 x 16.10	2 x 55	2 x 11
B.3.C	16.80	58	12
B.4.P+S)	2 x 16.10	2 x 55	2 x 11
B.4.C	16.80	58	12
B.5.P+S)	2 x 16.10	2 x 55	2 x 11
B.5.C	16.80	58	12
B.6.P+S)	2 x 16.10	2 x 55	2 x 11
B.6.C	9.00	31	6
B.7.P+S)	2 x 16.10	2 x 55	2 x 11
B.7.C	16.80	58	12
B.8.P+S)	2 x 16.10	2 x 55	2 x 11
B.8.C	16.80	58	12
B.9.P+S)	2 x 16.10	2 x 55	2 x 11
B.9.C	16.80	58	12
B.10.P+S)	2 x 8.00	2 x 28	2 x 5
B.10.C	8.40	29	6
B.11.P+S)	2 x 14.85	2 x 51	2 x 10
TOTAL	463.50	1591	322
WEIGHT (MT)		43.64	108.92
V.C.G (m)		9.77	9.77
L.C.G (m)		30.03	30.03

3.CARGO DECK " C "

PENS	AEAS (m2)	SHEEP (80 KGS) 0.25 m2/head	CATTLE (500 KGS) 1.45 m2/head
C.1.P+S)	2 x 19.70	2 x 68	2 x 14
C.1.C	16.80	58	12
C.2.P+S)	2 x 12.70	2 x 44	2 x 9
C.2.C	16.80	58	12
C.3.P+S)	2 x 16.10	2 x 55	2 x 11
C.3.C	16.80	58	12
C.4.P+S)	2 x 16.10	2 x 55	2 x 11
C.4.C	16.80	58	12
C.5.P+S)	2 x 16.10	2 x 55	2 x 11
C.5.C	13.90	48	10
C.6.P+S)	2 x 12.05	2 x 42	2 x 8
C.6.C	9.00	31	6
C.7.P+S)	2 x 12.05	2 x 42	2 x 8
C.7.C	9.00	31	6
C.8.P+S)	2 x 16.10	2 x 55	2 x 11
C.8.C	8.40	29	6
C.9.P+S)	2 x 16.10	2 x 55	2 x 11
C.9.C	16.80	58	12
C.10.P+S)	2 x 8.00	2 x 28	2 x 5
C.10.C	8.40	29	6
C.11.P+S)	2 x 18.10	2 x 62	2 x 13
TOTAL	463.70	1602	321
WEIGHT (MT)		44.08	108.92
V.C.G (m)		3.62	4.02
L.C.G (m)		30.03	30.03

SHIP'S PARTICULARS

TYPE OF SHIP : LIVESTOCK CARRIER
CLASS : INTERNATIONAL REGISTER OF SHIPPING
FLAG: SIERA LEONE
IMO No : 7406772
CALLSIGN : 9LB2093
PORT OF REGISTRY : FREETOWN
KEEL LAYING : 1975 HOLLAND
GROSS TONNAGE : 1787 R.T.
NET TONNAGE : 1070 R.T.
LENGTH O.A. = 78.65m
LENGTH B.P = 72.00m
BREADTH =12.25m
DEPTH = 6.10m
DRAFT = 5.04m

IMO No : 7406772

M/V : SUHA QUEEN II

GENERAL ARRANGMENT SECURITY PLAN

DRAW BY:	CHECKED BY:	SCALE	DATE:
RAK MARITIME CO. SYR.		1/100	APRIL 2011

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