

SALT WATER (SpGr 1.025)							
Tank Name	Load (%)	Weight (MT)	LCG (m)	TCG (m)	VCG (m)	Volume (m3)	Max FSM (MT-m)
FPBW.C	100.00%	19.70	36.022f	0.000	3.198	19.2	18.04
VOID1.P	100.00%	12.26	28.026f	1.971p	1.370	12.0	5.21
VOID1.S	100.00%	13.08	28.384f	1.906s	1.382	12.8	7.01
VOID2.C	100.00%	20.29	21.822f	0.000	0.805	19.8	142.63
Subtotals:	100.00%	65.32	28.582f	0.012s	1.748	63.7	172.90

FRESH WATER (SpGr 1.000)							
Tank Name	Load (%)	Weight (MT)	LCG (m)	TCG (m)	VCG (m)	Volume (m3)	Max FSM (MT-m)
FW1.C	100.00%	14.58	30.613f	0.000	1.089	14.6	4.32
FW2.C	100.00%	19.46	26.681f	0.000	1.051	19.5	7.53
Subtotals:	100.00%	34.04	28.365f	0.000	1.067	34.0	11.85

SLUDGE (SpGr 0.870)							
Tank Name	Load (%)	Weight (MT)	LCG (m)	TCG (m)	VCG (m)	Volume (m3)	Max FSM (MT-m)
SLUDGE .P	100.00%	2.27	20.099f	0.667p	0.668	2.6	0.35
Subtotals:	100.00%	2.27	20.099f	0.667p	0.668	2.6	0.35

DISPERSANT (SpGr 0.855)							
Tank Name	Load (%)	Weight (MT)	LCG (m)	TCG (m)	VCG (m)	Volume (m3)	Max FSM (MT-m)
DISPERSANT .P	100.00%	2.22	21.899f	0.665p	0.671	2.6	0.34
Subtotals:	100.00%	2.22	21.899f	0.665p	0.671	2.6	0.34

SEWAGE (SpGr 1.025)							
Tank Name	Load (%)	Weight (MT)	LCG (m)	TCG (m)	VCG (m)	Volume (m3)	Max FSM (MT-m)
SEWAGE.S	100.00%	5.33	20.996f	0.666s	0.669	5.2	0.83
Subtotals:	100.00%	5.33	20.996f	0.666s	0.669	5.2	0.83

FUEL OIL (SpGr 0.870)							
Tank Name	Load (%)	Weight (MT)	LCG (m)	TCG (m)	VCG (m)	Volume (m3)	Max FSM (MT-m)
F01.C	100.00%	9.06	17.405f	0.000	0.670	10.4	5.61
F01.P	100.00%	7.71	16.800f	2.365p	1.494	8.9	1.87
F01.S	100.00%	7.71	16.800f	2.365s	1.494	8.9	1.87
F02.P	100.00%	17.33	4.227f	2.459p	2.244	19.9	3.54
F02.S	100.00%	17.33	4.227f	2.459s	2.244	19.9	3.54
F0D.P	100.00%	5.23	16.800f	2.558p	2.959	6.0	2.37
F0D.S	100.00%	5.23	16.800f	2.558s	2.959	6.0	2.37
Subtotals:	100.00%	69.59	10.618f	0.000	1.980	80.0	21.17

LUBE OIL (SpGr 0.924)							
Tank Name	Load (%)	Weight (MT)	LCG (m)	TCG (m)	VCG (m)	Volume (m3)	Max FSM (MT-m)
LUBE_OIL.C	100.00%	1.85	13.803f	0.000	0.668	2.0	0.37
Subtotals:	100.00%	1.85	13.803f	0.000	0.668	2.0	0.37

All Tanks							
	Load (%)	Weight (MT)	LCG (m)	TCG (m)	VCG (m)	Volume (m3)	Max FSM (MT-m)
Totals:	100.00%	180.63	21.056f	0.007s	1.640	190.2	207.81

PRINCIPAL DIMENSIONS :-

LENGTH O.A. _____ 40.00 M
LENGTH W.L. _____ 38.20 M
LENGTH B.P. _____ 37.18 M
BEAM MLD. _____ 7.60 M
DEPTH MLD. _____ 3.50 M
DESIGN DRAFT @ 60DWT _____ 1.65 M
MAXIMUM DRAFT @ FULL LOAD _____ 1.90 M
MAIN ENGINE _____ 3 x YANMAR 12AYM-WET
_____ 1659PS @ 1900RPM
GEARBOX _____ REINTJES WVS 730/1L
_____ RATIO 2.542 : 1
MAXIMUM SPEED @60DWT _____ 21 KNOTS
CRUISING SPEED @60DWT (85% MCR) _____ 18 KNOTS
COMPLEMENT _____ 9 CREWS
_____ 54 PASSENGERS
FUEL OIL CAP. (APPROX.) _____ 80 M³
FRESH WATER CAP. (APPROX.) _____ 34 M³
CLEAR DECK SPACE _____ 110 M²
OPERATING SEA AREA _____ RESTRICTED OPEN SEA
_____ 0.5 m < Hs < 2.5 m
(Hs = Significant Wave Height)

