NO	REVISIONS	BY	DATE

APPROVED BY:

APPROVED BY:

SHIPTECH

NAVAL ARCHITECTS

180 Paya Lebar Road, #08-06,
Yi-Guang Building, Singapore 409032

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PROJECT

6000 DWT CEMENT CARRIER

TITLE

CEMENT CARGO HOLD ULLAGE TABLE

CEMENT.XLS

BUILDER : YARDIMCI SHIPYARD, ISTANBUL HULL NO.: NB038 & 039

PREPARED	WT LOH	09.02.2007	SCALE	DWG. NO.	REV.
CHECKED		9/2/07.	NIL	ST1358-G37	0
NOTED				TOTAL: 23 SHEETS	

6000 DWT Cement Carrier
Cement Cargo Hold Ullage Table

Notes on Cement Cargo Hold Ullage Table

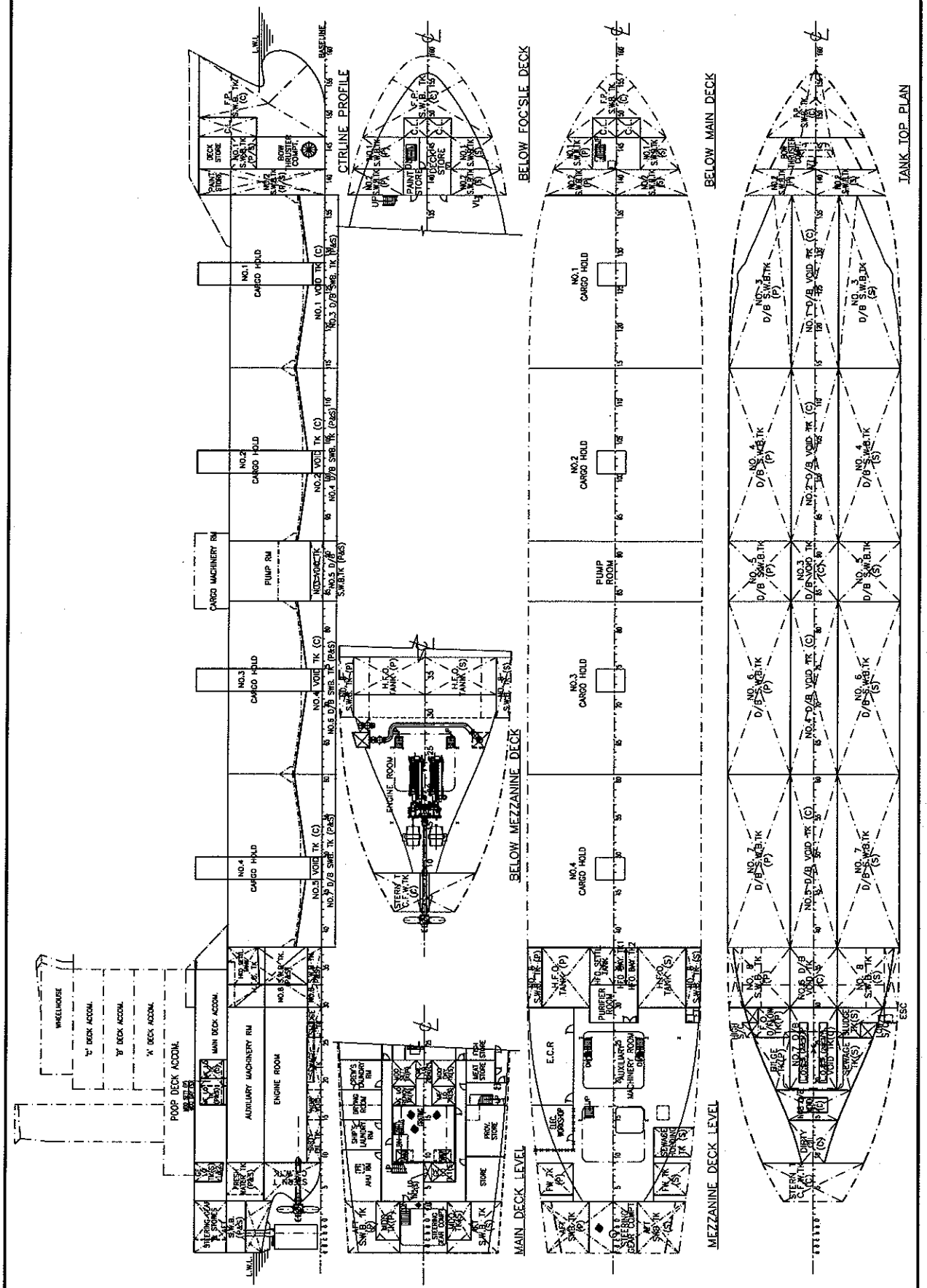
1. Surface of cement cargo assumed evenly spread.
2. Corresponding values for intermediate ullage reading should be obtained by linear interpolation.
3. Volume, Weight & Centres of cargo holds are given at even trim and even heel condition. Volumes are given at ambient temperature.
4. Mean reading of tank radar (P/S) on each cargo holds to be used for this Ullage table.
5. Locations of tank radar refer to TANK RADAR LOCATION.

SHIPTECH PTE. LTD.

PROJECT No:	ST1358
PAGE	1
DATE	18/07/05
BY	J.CHAN

TITLE:

ARRANGEMENT OF TANKS



ST1358 - 6000 DWT CEMENT CARRIER

No1 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel
Tank : HOLD1B.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
500	1235.237	1605.81	88.254f	0.008s	5.566	6358.24
525	1229.284	1598.07	88.253f	0.008s	5.553	6353.08
550	1223.333	1590.33	88.253f	0.008s	5.540	6347.91
575	1217.384	1582.60	88.252f	0.008s	5.527	6342.74
600	1211.436	1574.87	88.251f	0.008s	5.514	6337.52
625	1205.491	1567.14	88.251f	0.008s	5.501	6332.27
650	1199.547	1559.41	88.250f	0.008s	5.488	6327.01
675	1193.606	1551.69	88.250f	0.008s	5.475	6321.68
700	1187.666	1543.97	88.249f	0.008s	5.462	6316.31
725	1181.728	1536.25	88.248f	0.008s	5.449	6310.90
750	1175.793	1528.53	88.248f	0.008s	5.435	6305.47
775	1169.859	1520.82	88.247f	0.008s	5.422	6300.03
800	1163.927	1513.11	88.247f	0.008s	5.409	6294.57
825	1157.997	1505.40	88.246f	0.008s	5.396	6289.10
850	1152.070	1497.69	88.246f	0.008s	5.383	6283.62
875	1146.144	1489.99	88.245f	0.008s	5.370	6278.09
900	1140.220	1482.29	88.244f	0.008s	5.357	6272.54
925	1134.299	1474.59	88.244f	0.008s	5.344	6266.99
950	1128.379	1466.89	88.243f	0.008s	5.331	6261.42
975	1122.462	1459.20	88.243f	0.008s	5.318	6255.79
1000	1116.546	1451.51	88.242f	0.008s	5.305	6250.15
1025	1110.633	1443.82	88.242f	0.008s	5.291	6244.50
1050	1104.722	1436.14	88.241f	0.008s	5.278	6238.81
1075	1098.813	1428.46	88.241f	0.008s	5.265	6233.06
1100	1092.906	1420.78	88.240f	0.008s	5.252	6227.27
1125	1087.000	1413.10	88.239f	0.008s	5.239	6221.46
1150	1081.098	1405.43	88.239f	0.008s	5.226	6215.63
1175	1075.197	1397.76	88.238f	0.008s	5.213	6209.75
1200	1069.299	1390.09	88.238f	0.008s	5.200	6203.85
1225	1063.403	1382.42	88.237f	0.008s	5.187	6197.96
1250	1057.509	1374.76	88.237f	0.008s	5.173	6192.07
1275	1051.617	1367.10	88.236f	0.008s	5.160	6186.19
1300	1045.727	1359.45	88.236f	0.008s	5.147	6180.27
1325	1039.840	1351.79	88.235f	0.008s	5.134	6174.29
1350	1033.955	1344.14	88.235f	0.008s	5.121	6168.31
1375	1028.072	1336.49	88.234f	0.008s	5.108	6162.34
1400	1022.192	1328.85	88.234f	0.008s	5.095	6156.35
1425	1016.313	1321.21	88.233f	0.008s	5.082	6150.35
1450	1010.437	1313.57	88.233f	0.008s	5.068	6144.34
1475	1004.563	1305.93	88.232f	0.008s	5.055	6138.30
1500	998.692	1298.30	88.232f	0.008s	5.042	6132.26
1525	992.823	1290.67	88.231f	0.008s	5.029	6126.18
1550	986.956	1283.04	88.231f	0.008s	5.016	6120.02
1575	981.091	1275.42	88.230f	0.008s	5.003	6113.87
1600	975.229	1267.80	88.230f	0.008s	4.990	6107.66
1625	969.369	1260.18	88.229f	0.008s	4.976	6101.35
1650	963.512	1252.57	88.229f	0.008s	4.963	6095.05
1675	957.656	1244.95	88.228f	0.008s	4.950	6088.76
1700	951.804	1237.34	88.228f	0.008s	4.937	6082.45
1725	945.953	1229.74	88.228f	0.008s	4.924	6076.13
1750	940.105	1222.14	88.227f	0.008s	4.911	6069.81
1775	934.260	1214.54	88.227f	0.008s	4.897	6063.50
1800	928.417	1206.94	88.226f	0.008s	4.884	6057.15
1825	922.577	1199.35	88.226f	0.008s	4.871	6050.78
1850	916.738	1191.76	88.226f	0.008s	4.858	6044.42
1875	910.903	1184.17	88.225f	0.008s	4.845	6038.06

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No1 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel
Tank : HOLD1B.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
1900	905.070	1176.59	88.225f	0.008s	4.831	6031.69
1925	899.239	1169.01	88.224f	0.008s	4.818	6025.31
1950	893.410	1161.43	88.224f	0.008s	4.805	6018.88
1975	887.585	1153.86	88.224f	0.008s	4.792	6012.40
2000	881.761	1146.29	88.223f	0.008s	4.779	6005.86
2025	875.941	1138.72	88.223f	0.008s	4.766	5999.32
2050	870.122	1131.16	88.223f	0.008s	4.752	5992.80
2075	864.306	1123.60	88.222f	0.008s	4.739	5986.25
2100	858.493	1116.04	88.222f	0.008s	4.726	5979.65
2125	852.683	1108.49	88.222f	0.008s	4.713	5973.04
2150	846.875	1100.94	88.221f	0.008s	4.699	5966.43
2175	841.069	1093.39	88.221f	0.008s	4.686	5959.82
2200	835.267	1085.85	88.221f	0.008s	4.673	5953.19
2225	829.466	1078.31	88.220f	0.008s	4.660	5946.55
2250	823.669	1070.77	88.220f	0.008s	4.647	5939.91
2275	817.874	1063.24	88.220f	0.008s	4.633	5933.19
2300	812.082	1055.71	88.220f	0.008s	4.620	5926.44
2325	806.292	1048.18	88.219f	0.008s	4.607	5919.65
2350	800.505	1040.66	88.219f	0.008s	4.594	5912.83
2375	794.721	1033.14	88.219f	0.008s	4.580	5905.99
2400	788.939	1025.62	88.219f	0.008s	4.567	5899.16
2425	783.160	1018.11	88.218f	0.008s	4.554	5892.33
2450	777.384	1010.60	88.218f	0.008s	4.540	5885.51
2475	771.611	1003.09	88.218f	0.008s	4.527	5878.68
2500	765.840	995.59	88.218f	0.008s	4.514	5871.80
2525	760.072	988.09	88.218f	0.008s	4.501	5864.82
2550	754.307	980.60	88.218f	0.008s	4.487	5857.77
2575	748.545	973.11	88.218f	0.008s	4.474	5850.74
2600	742.785	965.62	88.217f	0.008s	4.461	5843.69
2625	737.028	958.14	88.217f	0.008s	4.447	5836.63
2650	731.274	950.66	88.217f	0.008s	4.434	5829.56
2675	725.523	943.18	88.217f	0.008s	4.421	5822.37
2700	719.776	935.71	88.217f	0.008s	4.407	5815.08
2725	714.031	928.24	88.217f	0.008s	4.394	5807.79
2750	708.289	920.78	88.217f	0.008s	4.381	5800.49
2775	702.550	913.31	88.217f	0.008s	4.367	5793.13
2800	696.814	905.86	88.217f	0.008s	4.354	5785.75
2825	691.081	898.40	88.217f	0.008s	4.341	5778.39
2850	685.351	890.96	88.217f	0.008s	4.327	5770.92
2875	679.624	883.51	88.217f	0.008s	4.314	5763.38
2900	673.901	876.07	88.218f	0.008s	4.300	5755.58
2925	668.181	868.63	88.218f	0.008s	4.287	5747.71
2950	662.464	861.20	88.218f	0.008s	4.274	5739.84
2975	656.750	853.78	88.218f	0.008s	4.260	5731.95
3000	651.040	846.35	88.218f	0.008s	4.247	5724.07
3025	645.333	838.93	88.219f	0.008s	4.233	5716.18
3050	639.630	831.52	88.219f	0.008s	4.220	5708.27
3075	633.930	824.11	88.219f	0.008s	4.206	5700.33
3100	628.233	816.70	88.220f	0.008s	4.193	5692.40
3125	622.540	809.30	88.220f	0.008s	4.180	5684.50
3150	616.850	801.91	88.220f	0.008s	4.166	5676.59
3175	611.164	794.51	88.221f	0.008s	4.153	5668.67
3200	605.480	787.12	88.221f	0.008s	4.139	5660.76
3225	599.801	779.74	88.222f	0.008s	4.126	5652.87
3250	594.125	772.36	88.222f	0.008s	4.112	5644.96
3275	588.452	764.99	88.223f	0.008s	4.099	5636.60

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No1 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel
Tank : HOLD1B.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
3300	582.783	757.62	88.224f	0.008s	4.085	5628.13
3325	577.118	750.25	88.224f	0.008s	4.071	5619.66
3350	571.456	742.89	88.225f	0.008s	4.058	5611.19
3375	565.799	735.54	88.226f	0.008s	4.044	5602.68
3400	560.145	728.19	88.227f	0.008s	4.031	5594.15
3425	554.495	720.84	88.227f	0.008s	4.017	5585.60
3450	548.849	713.50	88.228f	0.008s	4.003	5577.03
3475	543.206	706.17	88.229f	0.008s	3.990	5568.47
3500	537.568	698.84	88.230f	0.008s	3.976	5559.91
3525	531.933	691.51	88.231f	0.008s	3.963	5551.30
3550	526.302	684.19	88.232f	0.008s	3.949	5542.71
3575	520.675	676.88	88.234f	0.008s	3.935	5534.08
3600	515.052	669.57	88.235f	0.008s	3.921	5524.91
3625	509.434	662.26	88.236f	0.008s	3.908	5515.78
3650	503.819	654.96	88.238f	0.007s	3.894	5506.68
3675	498.209	647.67	88.239f	0.007s	3.880	5497.55
3700	492.603	640.38	88.241f	0.007s	3.866	5488.43
3725	487.001	633.10	88.242f	0.007s	3.853	5479.29
3750	481.403	625.82	88.244f	0.007s	3.839	5470.14
3775	475.810	618.55	88.246f	0.007s	3.825	5460.92
3800	470.221	611.29	88.248f	0.007s	3.811	5451.25
3825	464.636	604.03	88.250f	0.007s	3.797	5441.36
3850	459.056	596.77	88.252f	0.007s	3.783	5427.25
3875	453.483	589.53	88.254f	0.007s	3.769	5412.27
3900	447.917	582.29	88.256f	0.007s	3.755	5388.14
3925	442.360	575.07	88.258f	0.007s	3.741	5363.41
3950	436.814	567.86	88.260f	0.007s	3.727	5339.00
3975	431.277	560.66	88.263f	0.007s	3.713	5314.96
4000	425.749	553.47	88.265f	0.007s	3.699	5291.30
4025	420.232	546.30	88.268f	0.007s	3.685	5266.15
4050	414.725	539.14	88.270f	0.007s	3.671	5241.20
4075	409.228	532.00	88.273f	0.007s	3.657	5216.62
4100	403.742	524.86	88.276f	0.007s	3.643	5192.39
4125	398.265	517.75	88.279f	0.007s	3.629	5168.49
4150	392.800	510.64	88.282f	0.007s	3.615	5143.21
4175	387.345	503.55	88.285f	0.007s	3.601	5118.02
4200	381.901	496.47	88.288f	0.007s	3.587	5093.17
4225	376.469	489.41	88.292f	0.007s	3.572	5068.60
4250	371.047	482.36	88.295f	0.007s	3.558	5044.21
4275	365.636	475.33	88.299f	0.007s	3.544	5018.91
4300	360.237	468.31	88.302f	0.007s	3.530	4992.64
4325	354.850	461.31	88.306f	0.006s	3.516	4966.66
4350	349.475	454.32	88.310f	0.006s	3.501	4941.01
4375	344.113	447.35	88.314f	0.006s	3.487	4911.90
4400	338.764	440.39	88.318f	0.006s	3.473	4880.55
4425	333.431	433.46	88.322f	0.006s	3.458	4848.45
4450	328.112	426.55	88.326f	0.006s	3.444	4816.98
4475	322.808	419.65	88.330f	0.006s	3.429	4786.13
4500	317.520	412.78	88.335f	0.006s	3.415	4749.51
4525	312.252	405.93	88.339f	0.006s	3.400	4700.83
4550	307.009	399.11	88.344f	0.006s	3.386	4650.80
4575	301.790	392.33	88.349f	0.006s	3.371	4599.50
4600	296.598	385.58	88.353f	0.006s	3.357	4549.60
4625	291.431	378.86	88.359f	0.006s	3.342	4501.10
4650	286.290	372.18	88.364f	0.006s	3.328	4453.93
4675	281.176	365.53	88.369f	0.006s	3.313	4408.07

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No1 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel
Tank : HOLD1B.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
4700	276.078	358.90	88.375f	0.006s	3.299	4363.54
4725	270.998	352.30	88.381f	0.006s	3.284	4319.73
4750	265.948	345.73	88.387f	0.006s	3.270	4276.33
4775	260.924	339.20	88.393f	0.006s	3.255	4233.69
4800	255.918	332.69	88.399f	0.006s	3.241	4193.28
4825	250.933	326.21	88.406f	0.005s	3.226	4154.01
4850	245.976	319.77	88.413f	0.005s	3.211	4114.84
4875	241.048	313.36	88.420f	0.005s	3.197	4075.62
4900	236.146	306.99	88.428f	0.005s	3.182	4037.63
4925	231.272	300.65	88.436f	0.005s	3.168	3996.66
4950	226.425	294.35	88.444f	0.005s	3.153	3956.57
4975	221.606	288.09	88.453f	0.005s	3.138	3917.56
5000	216.814	281.86	88.462f	0.005s	3.124	3880.97
5025	212.047	275.66	88.471f	0.005s	3.109	3845.23
5050	207.304	269.49	88.481f	0.004s	3.095	3809.86
5075	202.586	263.36	88.492f	0.004s	3.080	3775.04
5100	197.895	257.26	88.503f	0.004s	3.065	3740.93
5125	193.232	251.20	88.515f	0.004s	3.051	3707.72
5150	188.595	245.17	88.527f	0.004s	3.036	3675.43
5175	183.985	239.18	88.540f	0.004s	3.021	3641.71
5200	179.402	233.22	88.553f	0.004s	3.007	3602.47
5225	174.848	227.30	88.567f	0.004s	2.992	3564.35
5250	170.317	221.41	88.581f	0.004s	2.977	3527.31
5275	165.815	215.56	88.597f	0.004s	2.962	3484.14
5300	161.327	209.73	88.612f	0.004s	2.948	3435.04
5325	156.829	203.88	88.628f	0.005s	2.933	3388.55
5350	152.364	198.07	88.645f	0.007s	2.918	3343.69
5375	147.931	192.31	88.663f	0.008s	2.903	3295.88
5400	143.509	186.56	88.681f	0.008s	2.888	3240.53
5425	139.081	180.81	88.700f	0.008s	2.873	3188.75
5450	134.690	175.10	88.719f	0.008s	2.858	3138.83
5475	130.336	169.44	88.740f	0.008s	2.843	3083.33
5500	126.021	163.83	88.760f	0.008s	2.828	3026.80
5525	121.744	158.27	88.782f	0.008s	2.812	2973.73
5550	117.502	152.75	88.804f	0.008s	2.797	2923.22
5575	113.297	147.29	88.826f	0.008s	2.782	2873.11
5600	109.135	141.87	88.849f	0.008s	2.766	2812.48
5625	105.015	136.52	88.873f	0.008s	2.751	2756.06
5650	100.938	131.22	88.896f	0.008s	2.735	2703.17
5675	96.902	125.97	88.920f	0.008s	2.719	2651.19
5700	92.911	120.78	88.943f	0.008s	2.704	2590.57
5725	88.964	115.65	88.967f	0.008s	2.688	2533.35
5750	85.061	110.58	88.990f	0.008s	2.672	2477.04
5775	81.208	105.57	89.013f	0.008s	2.655	2420.14
5800	77.407	100.63	89.035f	0.007s	2.639	2355.80
5825	73.659	95.76	89.058f	0.007s	2.622	2294.95
5850	69.965	90.95	89.079f	0.007s	2.606	2235.30
5875	66.327	86.22	89.101f	0.007s	2.589	2156.70
5900	62.762	81.59	89.121f	0.007s	2.572	2040.37
5925	59.281	77.06	89.140f	0.007s	2.555	1927.81
5950	55.882	72.65	89.158f	0.006s	2.537	1821.92
5975	52.567	68.34	89.175f	0.006s	2.520	1717.52
6000	49.341	64.14	89.191f	0.006s	2.502	1611.90
6025	46.208	60.07	89.205f	0.006s	2.484	1498.58
6050	43.177	56.13	89.219f	0.006s	2.466	1382.57
6075	40.254	52.33	89.232f	0.006s	2.448	1260.03

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No1 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel

Tank : HOLD1B.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
6100	37.445	48.68	89.245f	0.005s	2.430	1137.12
6125	34.753	45.18	89.258f	0.005s	2.412	1021.24
6150	32.179	41.83	89.270f	0.005s	2.393	913.91
6175	29.721	38.64	89.283f	0.005s	2.375	814.79
6200	27.378	35.59	89.294f	0.004s	2.357	723.55
6225	25.150	32.69	89.305f	0.004s	2.338	639.71
6250	23.038	29.95	89.315f	0.004s	2.319	563.06
6275	21.037	27.35	89.323f	0.003s	2.301	493.25
6300	19.145	24.89	89.331f	0.003s	2.282	429.78
6325	17.361	22.57	89.338f	0.003s	2.263	372.27
6350	15.686	20.39	89.343f	0.002s	2.244	320.47
6375	14.120	18.36	89.345f	0.002s	2.225	274.04
6400	12.656	16.45	89.346f	0.002s	2.206	232.75
6425	11.292	14.68	89.345f	0.001s	2.186	195.95
6450	10.029	13.04	89.344f	0.001s	2.167	163.66
6475	8.859	11.52	89.343f	0.001s	2.147	135.51
6500	7.777	10.11	89.342f	0.000	2.127	110.92
6525	6.780	8.81	89.340f	0.000	2.107	89.52
6550	5.874	7.64	89.338f	0.000	2.086	71.21
6575	5.058	6.58	89.336f	0.000	2.065	55.74
6600	4.325	5.62	89.332f	0.000	2.044	42.90
6625	3.667	4.77	89.327f	0.000	2.022	32.21
6630	3.545	4.61	89.326f	0.000	2.017	30.33

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No2 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel
Tank : HOLD2A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
500	1355.515	1762.17	72.520f	0.007s	5.545	7395.18
525	1349.225	1753.99	72.519f	0.007s	5.532	7395.17
550	1342.935	1745.81	72.519f	0.007s	5.519	7395.15
575	1336.645	1737.64	72.519f	0.007s	5.507	7395.13
600	1330.355	1729.46	72.519f	0.007s	5.494	7395.12
625	1324.065	1721.28	72.519f	0.007s	5.481	7395.10
650	1317.775	1713.11	72.518f	0.007s	5.468	7395.08
675	1311.485	1704.93	72.518f	0.007s	5.456	7395.07
700	1305.195	1696.75	72.518f	0.007s	5.443	7395.05
725	1298.905	1688.58	72.518f	0.007s	5.430	7395.03
750	1292.615	1680.40	72.517f	0.007s	5.418	7395.02
775	1286.325	1672.22	72.517f	0.007s	5.405	7395.00
800	1280.035	1664.05	72.517f	0.007s	5.392	7394.98
825	1273.745	1655.87	72.517f	0.007s	5.380	7394.97
850	1267.455	1647.69	72.516f	0.007s	5.367	7394.95
875	1261.165	1639.51	72.516f	0.007s	5.354	7394.93
900	1254.875	1631.34	72.516f	0.007s	5.341	7394.92
925	1248.585	1623.16	72.516f	0.007s	5.329	7394.90
950	1242.296	1614.98	72.515f	0.007s	5.316	7394.88
975	1236.006	1606.81	72.515f	0.007s	5.303	7394.87
1000	1229.716	1598.63	72.515f	0.007s	5.291	7394.85
1025	1223.426	1590.45	72.515f	0.007s	5.278	7394.83
1050	1217.136	1582.28	72.514f	0.007s	5.265	7394.81
1075	1210.846	1574.10	72.514f	0.007s	5.252	7394.79
1100	1204.556	1565.92	72.514f	0.007s	5.240	7394.77
1125	1198.266	1557.75	72.514f	0.007s	5.227	7394.75
1150	1191.976	1549.57	72.513f	0.007s	5.214	7394.73
1175	1185.686	1541.39	72.513f	0.007s	5.201	7394.71
1200	1179.397	1533.22	72.513f	0.007s	5.189	7394.69
1225	1173.107	1525.04	72.513f	0.007s	5.176	7394.67
1250	1166.817	1516.86	72.512f	0.007s	5.163	7394.65
1275	1160.527	1508.68	72.512f	0.007s	5.150	7394.62
1300	1154.237	1500.51	72.512f	0.007s	5.138	7394.60
1325	1147.947	1492.33	72.511f	0.007s	5.125	7394.58
1350	1141.657	1484.15	72.511f	0.007s	5.112	7394.56
1375	1135.368	1475.98	72.511f	0.007s	5.099	7394.54
1400	1129.078	1467.80	72.511f	0.007s	5.087	7394.52
1425	1122.788	1459.62	72.510f	0.007s	5.074	7394.49
1450	1116.498	1451.45	72.510f	0.007s	5.061	7394.47
1475	1110.208	1443.27	72.510f	0.007s	5.048	7394.45
1500	1103.919	1435.09	72.509f	0.007s	5.036	7394.43
1525	1097.629	1426.92	72.509f	0.007s	5.023	7394.41
1550	1091.339	1418.74	72.509f	0.007s	5.010	7394.39
1575	1085.049	1410.56	72.508f	0.007s	4.997	7394.36
1600	1078.760	1402.39	72.508f	0.007s	4.984	7394.34
1625	1072.470	1394.21	72.508f	0.007s	4.972	7394.32
1650	1066.180	1386.03	72.507f	0.007s	4.959	7394.30
1675	1059.890	1377.86	72.507f	0.007s	4.946	7394.28
1700	1053.600	1369.68	72.507f	0.007s	4.933	7394.26
1725	1047.311	1361.50	72.506f	0.007s	4.920	7394.24
1750	1041.021	1353.33	72.506f	0.007s	4.908	7394.21
1775	1034.731	1345.15	72.506f	0.007s	4.895	7394.19
1800	1028.442	1336.97	72.505f	0.007s	4.882	7394.16
1825	1022.152	1328.80	72.505f	0.007s	4.869	7394.14
1850	1015.862	1320.62	72.504f	0.007s	4.856	7394.11
1875	1009.573	1312.44	72.504f	0.007s	4.844	7394.09

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No2 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel

Tank : HOLD2A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
1900	1003.283	1304.27	72.504f	0.007s	4.831	7394.07
1925	996.993	1296.09	72.503f	0.007s	4.818	7394.04
1950	990.703	1287.91	72.503f	0.007s	4.805	7394.02
1975	984.414	1279.74	72.503f	0.007s	4.792	7393.99
2000	978.124	1271.56	72.502f	0.007s	4.779	7393.96
2025	971.835	1263.38	72.502f	0.007s	4.766	7393.94
2050	965.545	1255.21	72.501f	0.007s	4.754	7393.91
2075	959.255	1247.03	72.501f	0.007s	4.741	7393.88
2100	952.965	1238.85	72.501f	0.007s	4.728	7393.85
2125	946.676	1230.68	72.500f	0.007s	4.715	7393.83
2150	940.386	1222.50	72.500f	0.007s	4.702	7393.80
2175	934.097	1214.33	72.499f	0.007s	4.689	7393.77
2200	927.807	1206.15	72.499f	0.007s	4.676	7393.74
2225	921.517	1197.97	72.498f	0.007s	4.663	7393.71
2250	915.228	1189.80	72.498f	0.007s	4.651	7393.69
2275	908.938	1181.62	72.497f	0.007s	4.638	7393.66
2300	902.649	1173.44	72.497f	0.007s	4.625	7393.63
2325	896.359	1165.27	72.496f	0.007s	4.612	7393.60
2350	890.070	1157.09	72.496f	0.007s	4.599	7393.57
2375	883.780	1148.91	72.496f	0.007s	4.586	7393.54
2400	877.490	1140.74	72.495f	0.007s	4.573	7393.51
2425	871.201	1132.56	72.495f	0.007s	4.560	7393.48
2450	864.911	1124.38	72.494f	0.007s	4.547	7393.45
2475	858.622	1116.21	72.494f	0.007s	4.534	7393.42
2500	852.332	1108.03	72.493f	0.007s	4.521	7393.39
2525	846.043	1099.86	72.492f	0.007s	4.508	7393.36
2550	839.753	1091.68	72.492f	0.007s	4.495	7393.33
2575	833.464	1083.50	72.491f	0.007s	4.482	7393.30
2600	827.174	1075.33	72.491f	0.007s	4.469	7393.28
2625	820.885	1067.15	72.490f	0.007s	4.456	7393.25
2650	814.595	1058.97	72.490f	0.007s	4.443	7393.22
2675	808.306	1050.80	72.489f	0.007s	4.430	7393.19
2700	802.016	1042.62	72.489f	0.007s	4.417	7393.16
2725	795.727	1034.44	72.488f	0.007s	4.404	7393.13
2750	789.438	1026.27	72.487f	0.007s	4.391	7393.10
2775	783.148	1018.09	72.487f	0.007s	4.378	7393.07
2800	776.859	1009.92	72.486f	0.007s	4.365	7393.04
2825	770.569	1001.74	72.485f	0.007s	4.352	7393.01
2850	764.280	993.56	72.485f	0.007s	4.339	7392.98
2875	757.990	985.39	72.484f	0.007s	4.326	7392.94
2900	751.701	977.21	72.483f	0.007s	4.313	7392.91
2925	745.412	969.04	72.483f	0.007s	4.300	7392.88
2950	739.122	960.86	72.482f	0.007s	4.287	7392.84
2975	732.833	952.68	72.481f	0.007s	4.274	7392.81
3000	726.544	944.51	72.481f	0.007s	4.260	7392.77
3025	720.254	936.33	72.480f	0.007s	4.247	7392.74
3050	713.965	928.15	72.479f	0.007s	4.234	7392.70
3075	707.676	919.98	72.478f	0.007s	4.221	7392.67
3100	701.386	911.80	72.478f	0.007s	4.208	7392.64
3125	695.097	903.63	72.477f	0.007s	4.195	7392.60
3150	688.808	895.45	72.476f	0.007s	4.181	7392.57
3175	682.518	887.27	72.475f	0.007s	4.168	7392.53
3200	676.229	879.10	72.474f	0.007s	4.155	7392.50
3225	669.940	870.92	72.474f	0.007s	4.142	7392.46
3250	663.651	862.75	72.473f	0.007s	4.128	7392.43
3275	657.362	854.57	72.472f	0.007s	4.115	7392.40

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No2 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel

Tank : HOLD2A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
3300	651.072	846.39	72.471f	0.007s	4.102	7392.36
3325	644.783	838.22	72.470f	0.007s	4.089	7392.33
3350	638.494	830.04	72.469f	0.007s	4.075	7392.29
3375	632.205	821.87	72.468f	0.007s	4.062	7392.26
3400	625.915	813.69	72.467f	0.007s	4.049	7392.22
3425	619.626	805.51	72.466f	0.007s	4.035	7392.19
3450	613.337	797.34	72.465f	0.007s	4.022	7392.15
3475	607.048	789.16	72.464f	0.007s	4.008	7392.12
3500	600.759	780.99	72.463f	0.007s	3.995	7392.09
3525	594.470	772.81	72.462f	0.007s	3.981	7392.05
3550	588.181	764.63	72.461f	0.007s	3.968	7392.02
3575	581.891	756.46	72.460f	0.007s	3.955	7391.98
3600	575.602	748.28	72.459f	0.007s	3.941	7391.95
3625	569.313	740.11	72.458f	0.007s	3.927	7391.92
3650	563.024	731.93	72.456f	0.007s	3.914	7391.88
3675	556.735	723.76	72.455f	0.007s	3.900	7391.85
3700	550.446	715.58	72.454f	0.007s	3.887	7391.81
3725	544.157	707.40	72.453f	0.007s	3.873	7391.78
3750	537.868	699.23	72.451f	0.007s	3.859	7391.74
3775	531.579	691.05	72.450f	0.007s	3.846	7391.71
3800	525.291	682.88	72.449f	0.007s	3.832	7383.25
3825	519.006	674.71	72.447f	0.007s	3.818	7372.49
3850	512.725	666.54	72.446f	0.006s	3.804	7358.04
3875	506.448	658.38	72.444f	0.006s	3.791	7343.93
3900	500.175	650.23	72.443f	0.006s	3.777	7330.16
3925	493.908	642.08	72.442f	0.006s	3.763	7316.10
3950	487.644	633.94	72.440f	0.006s	3.749	7302.07
3975	481.386	625.80	72.439f	0.006s	3.735	7287.05
4000	475.132	617.67	72.437f	0.006s	3.721	7272.05
4025	468.884	609.55	72.436f	0.006s	3.707	7255.72
4050	462.642	601.43	72.434f	0.006s	3.693	7236.82
4075	456.407	593.33	72.432f	0.006s	3.679	7216.46
4100	450.179	585.23	72.431f	0.006s	3.665	7195.75
4125	443.958	577.15	72.429f	0.006s	3.651	7175.32
4150	437.745	569.07	72.427f	0.006s	3.637	7153.47
4175	431.540	561.00	72.426f	0.006s	3.623	7130.21
4200	425.343	552.95	72.424f	0.006s	3.609	7107.39
4225	419.155	544.90	72.422f	0.006s	3.595	7085.01
4250	412.975	536.87	72.420f	0.006s	3.580	7060.58
4275	406.805	528.85	72.419f	0.006s	3.566	7034.95
4300	400.645	520.84	72.417f	0.006s	3.552	7009.76
4325	394.494	512.84	72.415f	0.006s	3.538	6985.01
4350	388.353	504.86	72.413f	0.006s	3.523	6957.47
4375	382.224	496.89	72.411f	0.006s	3.509	6923.30
4400	376.110	488.94	72.409f	0.006s	3.494	6874.93
4425	370.017	481.02	72.407f	0.005s	3.480	6816.18
4450	363.948	473.13	72.405f	0.005s	3.465	6755.78
4475	357.901	465.27	72.403f	0.005s	3.451	6696.24
4500	351.878	457.44	72.400f	0.005s	3.436	6638.32
4525	345.879	449.64	72.398f	0.005s	3.422	6581.98
4550	339.904	441.88	72.396f	0.005s	3.407	6522.70
4575	333.955	434.14	72.394f	0.005s	3.393	6459.50
4600	328.033	426.44	72.392f	0.005s	3.378	6398.09
4625	322.139	418.78	72.389f	0.005s	3.364	6329.76
4650	316.277	411.16	72.387f	0.005s	3.349	6255.44
4675	310.446	403.58	72.384f	0.005s	3.334	6182.93

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No2 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel
Tank : HOLD2A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
4700	304.637	396.03	72.382f	0.005s	3.320	6113.02
4725	298.854	388.51	72.379f	0.005s	3.305	6045.30
4750	293.103	381.03	72.376f	0.005s	3.291	5978.98
4775	287.386	373.60	72.373f	0.005s	3.276	5914.02
4800	281.690	366.20	72.370f	0.005s	3.261	5851.04
4825	276.022	358.83	72.367f	0.005s	3.247	5789.62
4850	270.386	351.50	72.364f	0.005s	3.232	5729.29
4875	264.784	344.22	72.360f	0.005s	3.218	5671.00
4900	259.213	336.98	72.356f	0.004s	3.203	5614.34
4925	253.674	329.78	72.352f	0.004s	3.188	5556.39
4950	248.166	322.62	72.348f	0.004s	3.174	5499.63
4975	242.690	315.50	72.344f	0.004s	3.159	5444.85
5000	237.244	308.42	72.339f	0.004s	3.144	5392.17
5025	231.828	301.38	72.335f	0.004s	3.130	5340.38
5050	226.438	294.37	72.329f	0.004s	3.115	5289.43
5075	221.078	287.40	72.324f	0.004s	3.100	5242.10
5100	215.746	280.47	72.318f	0.004s	3.085	5196.54
5125	210.443	273.58	72.313f	0.004s	3.071	5150.22
5150	205.168	266.72	72.306f	0.004s	3.056	5105.14
5175	199.922	259.90	72.300f	0.004s	3.041	5060.36
5200	194.704	253.12	72.293f	0.004s	3.026	5010.57
5225	189.516	246.37	72.286f	0.004s	3.011	4962.13
5250	184.353	239.66	72.279f	0.004s	2.996	4914.61
5275	179.220	232.99	72.272f	0.004s	2.981	4863.27
5300	174.100	226.33	72.265f	0.004s	2.966	4806.57
5325	168.969	219.66	72.257f	0.005s	2.951	4753.82
5350	163.871	213.03	72.250f	0.006s	2.936	4702.83
5375	158.807	206.45	72.242f	0.007s	2.921	4646.14
5400	153.755	199.88	72.234f	0.008s	2.905	4576.53
5425	148.699	193.31	72.227f	0.008s	2.890	4511.02
5450	143.685	186.79	72.219f	0.008s	2.874	4447.72
5475	138.712	180.33	72.210f	0.008s	2.858	4369.27
5500	133.790	173.93	72.202f	0.008s	2.843	4280.92
5525	128.918	167.59	72.194f	0.008s	2.827	4196.17
5550	124.093	161.32	72.185f	0.008s	2.811	4120.52
5575	119.316	155.11	72.176f	0.008s	2.795	4041.98
5600	114.595	148.97	72.167f	0.008s	2.779	3949.28
5625	109.930	142.91	72.158f	0.008s	2.762	3861.09
5650	105.323	136.92	72.149f	0.008s	2.746	3777.29
5675	100.774	131.01	72.140f	0.008s	2.729	3678.91
5700	96.293	125.18	72.131f	0.008s	2.713	3570.11
5725	91.881	119.45	72.122f	0.008s	2.696	3462.99
5750	87.539	113.80	72.113f	0.008s	2.679	3361.47
5775	83.273	108.25	72.104f	0.007s	2.662	3241.44
5800	79.090	102.82	72.095f	0.007s	2.644	3121.74
5825	74.989	97.49	72.085f	0.007s	2.627	3008.55
5850	70.974	92.27	72.075f	0.007s	2.609	2850.40
5875	67.075	87.20	72.065f	0.007s	2.591	2629.39
5900	63.300	82.29	72.055f	0.007s	2.574	2420.09
5925	59.647	77.54	72.044f	0.007s	2.556	2222.49
5950	56.117	72.95	72.033f	0.006s	2.538	2036.24
5975	52.708	68.52	72.021f	0.006s	2.520	1861.16
6000	49.421	64.25	72.009f	0.006s	2.502	1696.79
6025	46.254	60.13	71.997f	0.006s	2.484	1542.76
6050	43.207	56.17	71.984f	0.006s	2.466	1398.74
6075	40.278	52.36	71.971f	0.005s	2.448	1264.36

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No2 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics

No Trim, No Heel

Tank : HOLD2A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
6100	37.467	48.71	71.959f	0.005s	2.430	1139.28
6125	34.774	45.21	71.946f	0.005s	2.412	1023.12
6150	32.199	41.86	71.934f	0.005s	2.393	915.55
6175	29.739	38.66	71.922f	0.005s	2.375	816.20
6200	27.396	35.61	71.910f	0.004s	2.356	724.76
6225	25.166	32.72	71.899f	0.004s	2.338	640.73
6250	23.053	29.97	71.890f	0.004s	2.319	563.92
6275	21.052	27.37	71.882f	0.003s	2.301	493.95
6300	19.159	24.91	71.874f	0.003s	2.282	430.34
6325	17.375	22.59	71.867f	0.003s	2.263	372.72
6350	15.699	20.41	71.862f	0.002s	2.244	320.81
6375	14.132	18.37	71.859f	0.002s	2.225	274.29
6400	12.668	16.47	71.859f	0.002s	2.205	232.92
6425	11.303	14.69	71.859f	0.001s	2.186	196.05
6450	10.040	13.05	71.859f	0.001s	2.167	163.70
6475	8.870	11.53	71.859f	0.001s	2.147	135.50
6500	7.788	10.12	71.859f	0.000	2.127	110.87
6525	6.791	8.83	71.859f	0.000	2.106	89.45
6550	5.885	7.65	71.859f	0.000	2.086	71.13
6575	5.069	6.59	71.858f	0.000	2.064	55.64
6600	4.336	5.64	71.857f	0.000	2.043	42.79
6625	3.679	4.78	71.855f	0.000	2.021	32.11
6630	3.557	4.62	71.854f	0.000	2.017	30.23

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No3 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel

Tank : HOLD3A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
500	1356.675	1763.68	50.880f	0.007s	5.543	7397.37
525	1350.385	1755.50	50.880f	0.007s	5.530	7397.37
550	1344.094	1747.32	50.880f	0.007s	5.518	7397.37
575	1337.804	1739.14	50.881f	0.007s	5.505	7397.36
600	1331.513	1730.97	50.881f	0.007s	5.492	7397.36
625	1325.223	1722.79	50.881f	0.007s	5.480	7397.37
650	1318.932	1714.61	50.881f	0.007s	5.467	7397.36
675	1312.641	1706.43	50.881f	0.007s	5.454	7397.36
700	1306.350	1698.26	50.882f	0.007s	5.442	7397.37
725	1300.060	1690.08	50.882f	0.007s	5.429	7397.36
750	1293.769	1681.90	50.882f	0.007s	5.416	7397.36
775	1287.479	1673.72	50.882f	0.007s	5.404	7397.36
800	1281.188	1665.54	50.883f	0.007s	5.391	7397.36
825	1274.897	1657.37	50.883f	0.007s	5.378	7397.37
850	1268.607	1649.19	50.883f	0.007s	5.365	7397.37
875	1262.316	1641.01	50.883f	0.007s	5.353	7397.37
900	1256.026	1632.83	50.884f	0.007s	5.340	7397.36
925	1249.735	1624.66	50.884f	0.007s	5.327	7397.37
950	1243.444	1616.48	50.884f	0.007s	5.315	7397.37
975	1237.154	1608.30	50.884f	0.007s	5.302	7397.37
1000	1230.863	1600.12	50.885f	0.007s	5.289	7397.36
1025	1224.572	1591.94	50.885f	0.007s	5.276	7397.37
1050	1218.282	1583.77	50.885f	0.007s	5.264	7397.36
1075	1211.991	1575.59	50.885f	0.007s	5.251	7397.36
1100	1205.700	1567.41	50.886f	0.007s	5.238	7397.36
1125	1199.410	1559.23	50.886f	0.007s	5.225	7397.37
1150	1193.119	1551.06	50.886f	0.007s	5.213	7397.36
1175	1186.829	1542.88	50.886f	0.007s	5.200	7397.36
1200	1180.538	1534.70	50.887f	0.007s	5.187	7397.36
1225	1174.247	1526.52	50.887f	0.007s	5.175	7397.36
1250	1167.957	1518.34	50.887f	0.007s	5.162	7397.37
1275	1161.666	1510.17	50.888f	0.007s	5.149	7397.36
1300	1155.375	1501.99	50.888f	0.007s	5.136	7397.37
1325	1149.085	1493.81	50.888f	0.007s	5.124	7397.37
1350	1142.794	1485.63	50.888f	0.007s	5.111	7397.37
1375	1136.504	1477.45	50.889f	0.007s	5.098	7397.37
1400	1130.213	1469.28	50.889f	0.007s	5.085	7397.37
1425	1123.922	1461.10	50.889f	0.007s	5.073	7397.37
1450	1117.632	1452.92	50.890f	0.007s	5.060	7397.36
1475	1111.341	1444.74	50.890f	0.007s	5.047	7397.37
1500	1105.051	1436.57	50.890f	0.007s	5.034	7397.36
1525	1098.760	1428.39	50.891f	0.007s	5.021	7397.37
1550	1092.469	1420.21	50.891f	0.007s	5.009	7397.37
1575	1086.179	1412.03	50.891f	0.007s	4.996	7397.36
1600	1079.888	1403.85	50.892f	0.007s	4.983	7397.37
1625	1073.597	1395.68	50.892f	0.007s	4.970	7397.36
1650	1067.307	1387.50	50.892f	0.007s	4.958	7397.37
1675	1061.016	1379.32	50.893f	0.007s	4.945	7397.36
1700	1054.725	1371.14	50.893f	0.007s	4.932	7397.36
1725	1048.435	1362.96	50.893f	0.007s	4.919	7397.36
1750	1042.144	1354.79	50.894f	0.007s	4.906	7397.37
1775	1035.854	1346.61	50.894f	0.007s	4.894	7397.37
1800	1029.563	1338.43	50.894f	0.007s	4.881	7397.37
1825	1023.272	1330.25	50.895f	0.007s	4.868	7397.37
1850	1016.982	1322.08	50.895f	0.007s	4.855	7397.37
1875	1010.691	1313.90	50.895f	0.007s	4.842	7397.37

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No3 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel

Tank : HOLD3A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
1900	1004.400	1305.72	50.896f	0.007s	4.829	7397.36
1925	998.110	1297.54	50.896f	0.007s	4.817	7397.36
1950	991.819	1289.36	50.897f	0.007s	4.804	7397.37
1975	985.529	1281.19	50.897f	0.007s	4.791	7397.37
2000	979.238	1273.01	50.897f	0.007s	4.778	7397.37
2025	972.947	1264.83	50.898f	0.007s	4.765	7397.37
2050	966.657	1256.65	50.898f	0.007s	4.752	7397.36
2075	960.366	1248.48	50.899f	0.007s	4.739	7397.37
2100	954.075	1240.30	50.899f	0.007s	4.727	7397.36
2125	947.785	1232.12	50.900f	0.007s	4.714	7397.37
2150	941.494	1223.94	50.900f	0.007s	4.701	7397.36
2175	935.203	1215.76	50.900f	0.007s	4.688	7397.37
2200	928.913	1207.59	50.901f	0.007s	4.675	7397.36
2225	922.622	1199.41	50.901f	0.007s	4.662	7397.37
2250	916.332	1191.23	50.902f	0.007s	4.649	7397.36
2275	910.041	1183.05	50.902f	0.007s	4.636	7397.36
2300	903.750	1174.87	50.903f	0.007s	4.624	7397.36
2325	897.459	1166.70	50.903f	0.007s	4.611	7397.37
2350	891.169	1158.52	50.904f	0.007s	4.598	7397.37
2375	884.878	1150.34	50.904f	0.007s	4.585	7397.37
2400	878.587	1142.16	50.905f	0.007s	4.572	7397.37
2425	872.297	1133.99	50.905f	0.007s	4.559	7397.37
2450	866.006	1125.81	50.906f	0.007s	4.546	7397.36
2475	859.715	1117.63	50.906f	0.007s	4.533	7397.37
2500	853.425	1109.45	50.907f	0.007s	4.520	7397.36
2525	847.134	1101.27	50.907f	0.007s	4.507	7397.36
2550	840.843	1093.10	50.908f	0.007s	4.494	7397.37
2575	834.553	1084.92	50.908f	0.007s	4.481	7397.37
2600	828.262	1076.74	50.909f	0.007s	4.468	7397.36
2625	821.972	1068.56	50.909f	0.007s	4.455	7397.37
2650	815.681	1060.39	50.910f	0.007s	4.442	7397.37
2675	809.390	1052.21	50.911f	0.007s	4.429	7397.37
2700	803.100	1044.03	50.911f	0.007s	4.416	7397.36
2725	796.809	1035.85	50.912f	0.007s	4.403	7397.36
2750	790.519	1027.67	50.912f	0.007s	4.390	7397.37
2775	784.228	1019.50	50.913f	0.007s	4.377	7397.36
2800	777.937	1011.32	50.914f	0.007s	4.364	7397.37
2825	771.646	1003.14	50.914f	0.007s	4.351	7397.36
2850	765.355	994.96	50.915f	0.007s	4.338	7397.37
2875	759.065	986.78	50.916f	0.007s	4.325	7397.37
2900	752.774	978.61	50.916f	0.007s	4.312	7397.36
2925	746.484	970.43	50.917f	0.007s	4.299	7397.36
2950	740.193	962.25	50.918f	0.007s	4.286	7397.36
2975	733.902	954.07	50.918f	0.007s	4.272	7397.36
3000	727.612	945.90	50.919f	0.007s	4.259	7397.37
3025	721.321	937.72	50.920f	0.007s	4.246	7397.37
3050	715.031	929.54	50.921f	0.007s	4.233	7397.37
3075	708.740	921.36	50.921f	0.007s	4.220	7397.36
3100	702.449	913.18	50.922f	0.007s	4.207	7397.37
3125	696.159	905.01	50.923f	0.007s	4.194	7397.36
3150	689.868	896.83	50.924f	0.007s	4.180	7397.37
3175	683.577	888.65	50.925f	0.007s	4.167	7397.36
3200	677.286	880.47	50.925f	0.007s	4.154	7397.37
3225	670.996	872.29	50.926f	0.007s	4.141	7397.36
3250	664.705	864.12	50.927f	0.007s	4.127	7397.37
3275	658.415	855.94	50.928f	0.007s	4.114	7397.36

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No3 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel

Tank : HOLD3A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
3300	652.124	847.76	50.929f	0.007s	4.101	7397.36
3325	645.833	839.58	50.930f	0.007s	4.088	7397.37
3350	639.542	831.41	50.931f	0.007s	4.074	7397.37
3375	633.252	823.23	50.932f	0.007s	4.061	7397.36
3400	626.961	815.05	50.933f	0.007s	4.048	7397.37
3425	620.671	806.87	50.934f	0.007s	4.034	7397.36
3450	614.380	798.69	50.935f	0.007s	4.021	7397.36
3475	608.089	790.52	50.936f	0.007s	4.007	7397.37
3500	601.798	782.34	50.937f	0.007s	3.994	7397.37
3525	595.508	774.16	50.938f	0.007s	3.981	7397.36
3550	589.217	765.98	50.939f	0.007s	3.967	7397.36
3575	582.927	757.80	50.940f	0.007s	3.954	7397.37
3600	576.636	749.63	50.941f	0.007s	3.940	7397.37
3625	570.345	741.45	50.942f	0.007s	3.927	7397.37
3650	564.055	733.27	50.944f	0.007s	3.913	7397.36
3675	557.764	725.09	50.945f	0.007s	3.899	7397.37
3700	551.473	716.92	50.946f	0.007s	3.886	7397.37
3725	545.183	708.74	50.947f	0.007s	3.872	7397.36
3750	538.892	700.56	50.949f	0.007s	3.859	7397.36
3775	532.601	692.38	50.950f	0.007s	3.845	7397.37
3800	526.312	684.21	50.951f	0.007s	3.831	7388.94
3825	520.025	676.03	50.953f	0.006s	3.817	7377.66
3850	513.742	667.86	50.954f	0.006s	3.804	7363.26
3875	507.464	659.70	50.956f	0.006s	3.790	7349.20
3900	501.190	651.55	50.957f	0.006s	3.776	7334.81
3925	494.921	643.40	50.959f	0.006s	3.762	7320.55
3950	488.656	635.25	50.960f	0.006s	3.748	7305.46
3975	482.397	627.12	50.962f	0.006s	3.735	7290.15
4000	476.143	618.99	50.963f	0.006s	3.721	7275.18
4025	469.894	610.86	50.965f	0.006s	3.707	7258.88
4050	463.651	602.75	50.966f	0.006s	3.693	7238.96
4075	457.415	594.64	50.968f	0.006s	3.679	7218.61
4100	451.187	586.54	50.970f	0.006s	3.665	7197.91
4125	444.965	578.45	50.971f	0.006s	3.651	7177.48
4150	438.751	570.38	50.973f	0.006s	3.637	7154.92
4175	432.546	562.31	50.975f	0.006s	3.623	7131.66
4200	426.349	554.25	50.976f	0.006s	3.608	7108.84
4225	420.161	546.21	50.978f	0.006s	3.594	7086.46
4250	413.981	538.17	50.980f	0.006s	3.580	7061.57
4275	407.811	530.15	50.982f	0.006s	3.566	7035.94
4300	401.650	522.14	50.984f	0.006s	3.552	7010.74
4325	395.499	514.15	50.986f	0.006s	3.537	6985.98
4350	389.358	506.16	50.988f	0.006s	3.523	6958.09
4375	383.229	498.20	50.990f	0.006s	3.508	6923.92
4400	377.114	490.25	50.992f	0.006s	3.494	6875.54
4425	371.022	482.33	50.994f	0.005s	3.480	6816.79
4450	364.952	474.44	50.996f	0.005s	3.465	6756.26
4475	358.905	466.58	50.998f	0.005s	3.451	6696.72
4500	352.882	458.75	51.000f	0.005s	3.436	6638.80
4525	346.883	450.95	51.002f	0.005s	3.422	6582.46
4550	340.908	443.18	51.004f	0.005s	3.407	6523.03
4575	334.959	435.45	51.006f	0.005s	3.393	6459.82
4600	329.037	427.75	51.009f	0.005s	3.378	6398.41
4625	323.143	420.09	51.011f	0.005s	3.364	6329.91
4650	317.280	412.46	51.013f	0.005s	3.349	6255.59
4675	311.449	404.88	51.016f	0.005s	3.335	6183.07

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No3 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel

Tank : HOLD3A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
4700	305.641	397.33	51.019f	0.005s	3.320	6113.16
4725	299.857	389.81	51.021f	0.005s	3.305	6045.43
4750	294.107	382.34	51.024f	0.005s	3.291	5979.10
4775	288.389	374.91	51.027f	0.005s	3.276	5914.14
4800	282.694	367.50	51.030f	0.005s	3.262	5851.16
4825	277.025	360.13	51.033f	0.005s	3.247	5789.73
4850	271.390	352.81	51.037f	0.005s	3.233	5729.41
4875	265.787	345.52	51.040f	0.005s	3.218	5671.08
4900	260.216	338.28	51.044f	0.004s	3.203	5614.55
4925	254.676	331.08	51.048f	0.004s	3.189	5558.99
4950	249.166	323.92	51.052f	0.004s	3.174	5504.42
4975	243.686	316.79	51.057f	0.004s	3.160	5451.61
5000	238.235	309.71	51.061f	0.004s	3.145	5400.72
5025	232.813	302.66	51.066f	0.004s	3.130	5350.54
5050	227.416	295.64	51.072f	0.004s	3.116	5301.03
5075	222.047	288.66	51.078f	0.004s	3.101	5254.94
5100	216.705	281.72	51.084f	0.004s	3.086	5211.02
5125	211.389	274.81	51.090f	0.004s	3.071	5168.04
5150	206.099	267.93	51.096f	0.004s	3.057	5125.95
5175	200.834	261.08	51.103f	0.004s	3.042	5082.49
5200	195.597	254.28	51.110f	0.004s	3.027	5033.42
5225	190.388	247.50	51.118f	0.004s	3.012	4985.54
5250	185.203	240.76	51.125f	0.004s	2.997	4938.45
5275	180.045	234.06	51.133f	0.004s	2.982	4887.36
5300	174.901	227.37	51.140f	0.004s	2.967	4830.84
5325	169.742	220.67	51.148f	0.005s	2.952	4778.16
5350	164.617	214.00	51.156f	0.006s	2.937	4727.23
5375	159.523	207.38	51.164f	0.007s	2.922	4669.04
5400	154.442	200.77	51.172f	0.008s	2.906	4597.88
5425	149.358	194.16	51.180f	0.008s	2.891	4530.86
5450	144.314	187.61	51.188f	0.008s	2.875	4466.12
5475	139.312	181.11	51.196f	0.008s	2.859	4386.06
5500	134.361	174.67	51.205f	0.008s	2.844	4296.39
5525	129.457	168.29	51.214f	0.008s	2.828	4210.41
5550	124.596	161.97	51.224f	0.008s	2.812	4133.85
5575	119.784	155.72	51.233f	0.008s	2.796	4054.60
5600	115.028	149.54	51.243f	0.008s	2.779	3961.20
5625	110.330	143.43	51.253f	0.008s	2.763	3872.30
5650	105.689	137.40	51.263f	0.008s	2.747	3787.79
5675	101.108	131.44	51.272f	0.008s	2.730	3688.68
5700	96.596	125.57	51.282f	0.008s	2.713	3579.17
5725	92.151	119.80	51.292f	0.008s	2.696	3471.45
5750	87.773	114.11	51.301f	0.008s	2.679	3369.47
5775	83.474	108.52	51.310f	0.007s	2.662	3248.82
5800	79.259	103.04	51.319f	0.007s	2.645	3128.50
5825	75.129	97.67	51.328f	0.007s	2.627	3013.27
5850	71.088	92.41	51.338f	0.007s	2.610	2849.29
5875	67.168	87.32	51.348f	0.007s	2.592	2626.99
5900	63.377	82.39	51.358f	0.007s	2.574	2417.66
5925	59.710	77.62	51.368f	0.007s	2.556	2220.34
5950	56.166	73.02	51.378f	0.006s	2.538	2034.38
5975	52.745	68.57	51.389f	0.006s	2.520	1859.44
6000	49.446	64.28	51.400f	0.006s	2.502	1695.18
6025	46.269	60.15	51.412f	0.006s	2.484	1541.25
6050	43.214	56.18	51.424f	0.006s	2.466	1396.99
6075	40.281	52.36	51.436f	0.005s	2.448	1262.24

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No3 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics

No Trim, No Heel

Tank : HOLD3A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
6100	37.469	48.71	51.449f	0.005s	2.430	1137.21
6125	34.775	45.21	51.461f	0.005s	2.412	1021.35
6150	32.199	41.86	51.474f	0.005s	2.393	914.05
6175	29.739	38.66	51.486f	0.005s	2.375	814.95
6200	27.395	35.61	51.497f	0.004s	2.357	723.75
6225	25.165	32.71	51.508f	0.004s	2.338	639.92
6250	23.052	29.97	51.518f	0.004s	2.319	563.28
6275	21.051	27.37	51.526f	0.003s	2.301	493.48
6300	19.159	24.91	51.534f	0.003s	2.282	430.01
6325	17.374	22.59	51.540f	0.003s	2.263	372.51
6350	15.699	20.41	51.546f	0.002s	2.244	320.71
6375	14.132	18.37	51.548f	0.002s	2.225	274.28
6400	12.668	16.47	51.549f	0.002s	2.206	232.99
6425	11.303	14.69	51.549f	0.001s	2.186	196.18
6450	10.040	13.05	51.548f	0.001s	2.167	163.89
6475	8.869	11.53	51.547f	0.001s	2.147	135.72
6500	7.787	10.12	51.546f	0.000	2.127	111.12
6525	6.789	8.83	51.545f	0.000	2.107	89.70
6550	5.883	7.65	51.543f	0.000	2.086	71.38
6575	5.066	6.59	51.541f	0.000	2.065	55.89
6600	4.333	5.63	51.538f	0.000	2.044	43.03
6625	3.674	4.78	51.533f	0.000	2.022	32.33
6630	3.552	4.62	51.532f	0.000	2.017	30.45

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No4 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel
Tank : HOLD4A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
500	1355.913	1762.69	34.724f	0.007s	5.544	7394.65
525	1349.623	1754.51	34.724f	0.007s	5.531	7394.61
550	1343.333	1746.33	34.724f	0.007s	5.518	7394.56
575	1337.044	1738.16	34.724f	0.007s	5.506	7394.52
600	1330.754	1729.98	34.723f	0.007s	5.493	7394.48
625	1324.464	1721.80	34.723f	0.007s	5.480	7394.44
650	1318.174	1713.63	34.723f	0.007s	5.468	7394.40
675	1311.884	1705.45	34.723f	0.007s	5.455	7394.36
700	1305.594	1697.27	34.723f	0.007s	5.442	7394.31
725	1299.305	1689.10	34.722f	0.007s	5.430	7394.27
750	1293.015	1680.92	34.722f	0.007s	5.417	7394.23
775	1286.726	1672.74	34.722f	0.007s	5.404	7394.19
800	1280.436	1664.57	34.722f	0.007s	5.391	7394.15
825	1274.146	1656.39	34.722f	0.007s	5.379	7394.11
850	1267.856	1648.21	34.721f	0.007s	5.366	7394.06
875	1261.567	1640.04	34.721f	0.007s	5.353	7394.02
900	1255.277	1631.86	34.721f	0.007s	5.341	7393.98
925	1248.987	1623.68	34.721f	0.007s	5.328	7393.94
950	1242.697	1615.51	34.720f	0.007s	5.315	7393.90
975	1236.408	1607.33	34.720f	0.007s	5.302	7393.86
1000	1230.118	1599.15	34.720f	0.007s	5.290	7393.81
1025	1223.829	1590.98	34.720f	0.007s	5.277	7393.77
1050	1217.539	1582.80	34.719f	0.007s	5.264	7393.73
1075	1211.250	1574.62	34.719f	0.007s	5.252	7393.69
1100	1204.960	1566.45	34.719f	0.007s	5.239	7393.65
1125	1198.670	1558.27	34.719f	0.007s	5.226	7393.61
1150	1192.381	1550.09	34.718f	0.007s	5.213	7393.57
1175	1186.092	1541.92	34.718f	0.007s	5.201	7393.52
1200	1179.802	1533.74	34.718f	0.007s	5.188	7393.48
1225	1173.513	1525.57	34.718f	0.007s	5.175	7393.44
1250	1167.223	1517.39	34.717f	0.007s	5.162	7393.40
1275	1160.933	1509.21	34.717f	0.007s	5.150	7393.36
1300	1154.644	1501.04	34.717f	0.007s	5.137	7393.32
1325	1148.354	1492.86	34.717f	0.007s	5.124	7393.27
1350	1142.065	1484.68	34.716f	0.007s	5.111	7393.23
1375	1135.775	1476.51	34.716f	0.007s	5.099	7393.19
1400	1129.486	1468.33	34.716f	0.007s	5.086	7393.15
1425	1123.197	1460.16	34.716f	0.007s	5.073	7393.11
1450	1116.907	1451.98	34.715f	0.007s	5.060	7393.06
1475	1110.618	1443.80	34.715f	0.007s	5.048	7393.02
1500	1104.328	1435.63	34.715f	0.007s	5.035	7392.98
1525	1098.039	1427.45	34.714f	0.007s	5.022	7392.94
1550	1091.750	1419.27	34.714f	0.007s	5.009	7392.90
1575	1085.461	1411.10	34.714f	0.007s	4.996	7392.86
1600	1079.171	1402.92	34.713f	0.007s	4.984	7392.82
1625	1072.882	1394.75	34.713f	0.007s	4.971	7392.77
1650	1066.593	1386.57	34.713f	0.007s	4.958	7392.73
1675	1060.303	1378.39	34.713f	0.007s	4.945	7392.69
1700	1054.014	1370.22	34.712f	0.007s	4.933	7392.65
1725	1047.725	1362.04	34.712f	0.007s	4.920	7392.61
1750	1041.435	1353.87	34.712f	0.007s	4.907	7392.57
1775	1035.146	1345.69	34.711f	0.007s	4.894	7392.53
1800	1028.857	1337.51	34.711f	0.007s	4.881	7392.48
1825	1022.568	1329.34	34.711f	0.007s	4.868	7392.44
1850	1016.279	1321.16	34.710f	0.007s	4.856	7392.40
1875	1009.990	1312.99	34.710f	0.007s	4.843	7392.36

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No4 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel

Tank : HOLD4A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
1900	1003.700	1304.81	34.709f	0.007s	4.830	7392.32
1925	997.411	1296.63	34.709f	0.007s	4.817	7392.28
1950	991.122	1288.46	34.709f	0.007s	4.804	7392.23
1975	984.833	1280.28	34.708f	0.007s	4.791	7392.19
2000	978.544	1272.11	34.708f	0.007s	4.779	7392.15
2025	972.255	1263.93	34.708f	0.007s	4.766	7392.11
2050	965.965	1255.75	34.707f	0.007s	4.753	7392.07
2075	959.676	1247.58	34.707f	0.007s	4.740	7392.03
2100	953.387	1239.40	34.706f	0.007s	4.727	7391.98
2125	947.098	1231.23	34.706f	0.007s	4.714	7391.94
2150	940.809	1223.05	34.706f	0.007s	4.701	7391.90
2175	934.520	1214.88	34.705f	0.007s	4.689	7391.85
2200	928.231	1206.70	34.705f	0.007s	4.676	7391.81
2225	921.942	1198.52	34.704f	0.007s	4.663	7391.77
2250	915.653	1190.35	34.704f	0.007s	4.650	7391.72
2275	909.364	1182.17	34.704f	0.007s	4.637	7391.68
2300	903.075	1174.00	34.703f	0.007s	4.624	7391.64
2325	896.786	1165.82	34.703f	0.007s	4.611	7391.60
2350	890.497	1157.65	34.702f	0.007s	4.598	7391.55
2375	884.208	1149.47	34.702f	0.007s	4.585	7391.51
2400	877.919	1141.29	34.701f	0.007s	4.572	7391.46
2425	871.630	1133.12	34.701f	0.007s	4.559	7391.42
2450	865.341	1124.94	34.700f	0.007s	4.546	7391.38
2475	859.052	1116.77	34.700f	0.007s	4.534	7391.33
2500	852.763	1108.59	34.699f	0.007s	4.521	7391.29
2525	846.474	1100.42	34.699f	0.007s	4.508	7391.25
2550	840.185	1092.24	34.698f	0.007s	4.495	7391.20
2575	833.896	1084.07	34.698f	0.007s	4.482	7391.15
2600	827.608	1075.89	34.697f	0.007s	4.469	7391.11
2625	821.319	1067.71	34.697f	0.007s	4.456	7391.06
2650	815.030	1059.54	34.696f	0.007s	4.443	7391.01
2675	808.741	1051.36	34.696f	0.007s	4.430	7390.96
2700	802.452	1043.19	34.695f	0.007s	4.417	7390.91
2725	796.163	1035.01	34.694f	0.007s	4.404	7390.87
2750	789.875	1026.84	34.694f	0.007s	4.391	7390.82
2775	783.586	1018.66	34.693f	0.007s	4.378	7390.77
2800	777.297	1010.49	34.693f	0.007s	4.365	7390.72
2825	771.008	1002.31	34.692f	0.007s	4.351	7390.67
2850	764.720	994.14	34.691f	0.007s	4.338	7390.63
2875	758.431	985.96	34.691f	0.007s	4.325	7390.57
2900	752.142	977.78	34.690f	0.007s	4.312	7390.52
2925	745.854	969.61	34.690f	0.007s	4.299	7390.47
2950	739.565	961.43	34.689f	0.007s	4.286	7390.41
2975	733.276	953.26	34.688f	0.007s	4.273	7390.36
3000	726.988	945.08	34.688f	0.007s	4.260	7390.30
3025	720.699	936.91	34.687f	0.007s	4.247	7390.24
3050	714.411	928.73	34.686f	0.007s	4.233	7390.18
3075	708.122	920.56	34.685f	0.007s	4.220	7390.11
3100	701.834	912.38	34.685f	0.007s	4.207	7390.05
3125	695.545	904.21	34.684f	0.007s	4.194	7389.98
3150	689.256	896.03	34.683f	0.007s	4.181	7389.90
3175	682.968	887.86	34.682f	0.007s	4.168	7389.83
3200	676.679	879.68	34.682f	0.007s	4.154	7389.75
3225	670.391	871.51	34.681f	0.007s	4.141	7389.66
3250	664.102	863.33	34.680f	0.007s	4.128	7389.58
3275	657.814	855.16	34.679f	0.007s	4.115	7389.49

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No4 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel

Tank : HOLD4A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
3300	651.526	846.98	34.678f	0.007s	4.101	7389.40
3325	645.237	838.81	34.677f	0.007s	4.088	7389.31
3350	638.949	830.63	34.677f	0.007s	4.075	7389.21
3375	632.661	822.46	34.676f	0.007s	4.061	7389.12
3400	626.373	814.28	34.675f	0.007s	4.048	7389.02
3425	620.084	806.11	34.674f	0.007s	4.035	7388.92
3450	613.796	797.93	34.673f	0.007s	4.021	7388.82
3475	607.508	789.76	34.672f	0.007s	4.008	7388.73
3500	601.220	781.59	34.671f	0.007s	3.994	7388.63
3525	594.932	773.41	34.670f	0.007s	3.981	7388.53
3550	588.643	765.24	34.669f	0.007s	3.968	7388.43
3575	582.355	757.06	34.668f	0.007s	3.954	7388.33
3600	576.067	748.89	34.667f	0.007s	3.941	7388.23
3625	569.780	740.71	34.666f	0.007s	3.927	7388.13
3650	563.492	732.54	34.664f	0.007s	3.913	7388.03
3675	557.203	724.36	34.663f	0.007s	3.900	7387.93
3700	550.916	716.19	34.662f	0.007s	3.886	7387.83
3725	544.628	708.02	34.661f	0.007s	3.873	7387.73
3750	538.340	699.84	34.660f	0.007s	3.859	7387.64
3775	532.052	691.67	34.658f	0.007s	3.845	7387.54
3800	525.765	683.49	34.657f	0.007s	3.832	7379.14
3825	519.481	675.33	34.656f	0.006s	3.818	7367.76
3850	513.202	667.16	34.654f	0.006s	3.804	7353.23
3875	506.926	659.00	34.653f	0.006s	3.790	7339.05
3900	500.655	650.85	34.651f	0.006s	3.776	7324.52
3925	494.389	642.71	34.650f	0.006s	3.763	7310.13
3950	488.127	634.57	34.649f	0.006s	3.749	7294.91
3975	481.871	626.43	34.647f	0.006s	3.735	7279.47
4000	475.620	618.31	34.646f	0.006s	3.721	7264.38
4025	469.374	610.19	34.644f	0.006s	3.707	7248.52
4050	463.134	602.07	34.643f	0.006s	3.693	7228.49
4075	456.901	593.97	34.641f	0.006s	3.679	7208.05
4100	450.676	585.88	34.640f	0.006s	3.665	7188.05
4125	444.457	577.79	34.638f	0.006s	3.651	7167.96
4150	438.246	569.72	34.637f	0.006s	3.637	7146.63
4175	432.043	561.66	34.635f	0.006s	3.623	7123.75
4200	425.848	553.60	34.633f	0.006s	3.609	7100.87
4225	419.662	545.56	34.632f	0.006s	3.595	7078.42
4250	413.484	537.53	34.630f	0.006s	3.580	7054.93
4275	407.316	529.51	34.628f	0.006s	3.566	7029.56
4300	401.157	521.50	34.627f	0.006s	3.552	7004.32
4325	395.008	513.51	34.625f	0.006s	3.537	6979.51
4350	388.868	505.53	34.623f	0.006s	3.523	6953.13
4375	382.741	497.56	34.621f	0.006s	3.509	6918.92
4400	376.628	489.62	34.619f	0.006s	3.494	6870.84
4425	370.536	481.70	34.617f	0.005s	3.480	6812.05
4450	364.467	473.81	34.615f	0.005s	3.465	6752.70
4475	358.422	465.95	34.614f	0.005s	3.451	6693.14
4500	352.400	458.12	34.612f	0.005s	3.436	6635.19
4525	346.402	450.32	34.610f	0.005s	3.422	6578.83
4550	340.427	442.56	34.608f	0.005s	3.407	6520.30
4575	334.479	434.82	34.606f	0.005s	3.393	6457.08
4600	328.558	427.13	34.604f	0.005s	3.378	6395.66
4625	322.664	419.46	34.602f	0.005s	3.364	6329.80
4650	316.802	411.84	34.599f	0.005s	3.349	6255.49
4675	310.971	404.26	34.597f	0.005s	3.335	6182.98

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No4 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics
No Trim, No Heel

Tank : HOLD4A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
4700	305.162	396.71	34.595f	0.005s	3.320	6113.07
4725	299.379	389.19	34.592f	0.005s	3.305	6045.35
4750	293.628	381.72	34.590f	0.005s	3.291	5979.03
4775	287.911	374.28	34.587f	0.005s	3.276	5914.07
4800	282.215	366.88	34.584f	0.005s	3.262	5851.10
4825	276.546	359.51	34.581f	0.005s	3.247	5789.68
4850	270.911	352.18	34.578f	0.005s	3.232	5729.35
4875	265.309	344.90	34.575f	0.005s	3.218	5671.05
4900	259.738	337.66	34.572f	0.004s	3.203	5614.53
4925	254.198	330.46	34.568f	0.004s	3.189	5558.98
4950	248.688	323.29	34.564f	0.004s	3.174	5504.40
4975	243.208	316.17	34.560f	0.004s	3.159	5451.63
5000	237.757	309.08	34.556f	0.004s	3.145	5400.75
5025	232.335	302.03	34.551f	0.004s	3.130	5350.58
5050	226.938	295.02	34.546f	0.004s	3.115	5301.07
5075	221.568	288.04	34.541f	0.004s	3.101	5254.99
5100	216.226	281.09	34.535f	0.004s	3.086	5210.54
5125	210.911	274.18	34.529f	0.004s	3.071	5165.18
5150	205.623	267.31	34.523f	0.004s	3.056	5120.92
5175	200.362	260.47	34.517f	0.004s	3.041	5075.50
5200	195.130	253.67	34.510f	0.004s	3.027	5024.62
5225	189.928	246.91	34.503f	0.004s	3.012	4975.12
5250	184.750	240.18	34.496f	0.004s	2.997	4926.60
5275	179.602	233.48	34.488f	0.004s	2.982	4874.25
5300	174.468	226.81	34.481f	0.004s	2.967	4816.63
5325	169.322	220.12	34.473f	0.005s	2.952	4762.98
5350	164.210	213.47	34.466f	0.006s	2.936	4711.24
5375	159.130	206.87	34.458f	0.007s	2.921	4654.00
5400	154.063	200.28	34.450f	0.008s	2.906	4583.95
5425	148.993	193.69	34.442f	0.008s	2.890	4517.99
5450	143.964	187.15	34.433f	0.008s	2.875	4454.27
5475	138.976	180.67	34.425f	0.008s	2.859	4375.40
5500	134.039	174.25	34.416f	0.008s	2.843	4286.66
5525	129.150	167.89	34.407f	0.008s	2.827	4201.56
5550	124.304	161.59	34.397f	0.008s	2.811	4125.69
5575	119.506	155.36	34.388f	0.008s	2.795	4046.90
5600	114.765	149.19	34.378f	0.008s	2.779	3953.94
5625	110.081	143.11	34.368f	0.008s	2.763	3865.47
5650	105.455	137.09	34.358f	0.008s	2.746	3781.38
5675	100.889	131.16	34.348f	0.008s	2.730	3682.68
5700	96.391	125.31	34.338f	0.008s	2.713	3573.59
5725	91.964	119.55	34.328f	0.008s	2.696	3466.17
5750	87.608	113.89	34.318f	0.008s	2.679	3364.41
5775	83.328	108.33	34.308f	0.007s	2.662	3244.20
5800	79.133	102.87	34.298f	0.007s	2.644	3124.12
5825	75.022	97.53	34.288f	0.007s	2.627	3010.58
5850	70.997	92.30	34.277f	0.007s	2.609	2852.35
5875	67.091	87.22	34.267f	0.007s	2.592	2630.33
5900	63.313	82.31	34.256f	0.007s	2.574	2420.64
5925	59.659	77.56	34.245f	0.007s	2.556	2222.98
5950	56.127	72.96	34.233f	0.006s	2.538	2036.68
5975	52.716	68.53	34.221f	0.006s	2.520	1861.56
6000	49.427	64.25	34.209f	0.006s	2.502	1697.15
6025	46.258	60.14	34.197f	0.006s	2.484	1543.07
6050	43.210	56.17	34.184f	0.006s	2.466	1399.01
6075	40.281	52.36	34.171f	0.005s	2.448	1264.60

Sounding and Ullage in MM . ----------Others Distance in Metres.----------

ST1358 - 6000 DWT CEMENT CARRIER

No4 Cement Hold (Centre)
Permeability : 0.98
Tank Characteristics

No Trim, No Heel

Tank : HOLD4A.C Content : Cement at 1.300 Specific Gravity

Ullage MM	Volume C.Metre	Weight Tonnes	LCG Metre	TCG Metre	VCG Metre	FSM M.-MT
6100	37.469	48.71	34.159f	0.005s	2.430	1139.49
6125	34.776	45.21	34.146f	0.005s	2.412	1023.31
6150	32.200	41.86	34.133f	0.005s	2.393	915.72
6175	29.741	38.66	34.121f	0.005s	2.375	816.35
6200	27.397	35.62	34.110f	0.004s	2.356	724.89
6225	25.168	32.72	34.099f	0.004s	2.338	640.85
6250	23.054	29.97	34.090f	0.004s	2.319	564.02
6275	21.053	27.37	34.081f	0.003s	2.301	494.04
6300	19.160	24.91	34.074f	0.003s	2.282	430.42
6325	17.375	22.59	34.067f	0.003s	2.263	372.78
6350	15.700	20.41	34.062f	0.002s	2.244	320.86
6375	14.133	18.37	34.059f	0.002s	2.225	274.34
6400	12.668	16.47	34.059f	0.002s	2.205	232.96
6425	11.304	14.69	34.059f	0.001s	2.186	196.08
6450	10.041	13.05	34.059f	0.001s	2.167	163.73
6475	8.870	11.53	34.059f	0.001s	2.147	135.53
6500	7.788	10.12	34.059f	0.000	2.127	110.89
6525	6.791	8.83	34.059f	0.000	2.106	89.46
6550	5.885	7.65	34.059f	0.000	2.086	71.14
6575	5.069	6.59	34.058f	0.000	2.064	55.64
6600	4.336	5.64	34.057f	0.000	2.043	42.80
6625	3.679	4.78	34.055f	0.000	2.021	32.11
6630	3.557	4.62	34.054f	0.000	2.017	30.23

Sounding and Ullage in MM . ----------Others Distance in Metres.----------