GEN 2.6 Conversion of units of measurement

NM/KM	CONVERSION TABLE - Conversion factor 1.852									
NM	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
0	0	1.852	3.704	5.556	7.408	9.260	11.112	12.964	14.816	16.668
10	18.520	20.372	22.224	24.076	25.928	27.780	29.632	31.484	33.336	35.188
20	37.040	38.892	40.744	42.596	44.448	46.300	48.152	50.004	51.856	53.708
30	55.560	57.412	59.264	61.116	62.968	64.820	66.672	68.524	70.376	72.228
40	74.080	75.932	77.784	79.636	81.488	83.340	85.192	87.044	88.896	90.748
50	92.600	94.452	96.304	98.156	100.008	101.860	103.712	105.564	107.416	109.268
60	111.120	112.972	114.824	116.676	118.528	120.380	122.232	124.084	125.936	127.788
70	129.640	131.492	133.344	135.196	137.048	138.900	140.752	142.604	144.456	146.308
80	148.160	150.012	151.864	153.716	155.568	157.420	159.272	161.124	162.976	164.828
90	166.680	168.532	170.384	172.236	174.088	175.940	177.792	179.644	181.496	183.348
	0	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
100	185.20	203.72	222.24	240.76	259.28	277.80	296.32	314.84	333.36	351.88
200	370.40	388.92	407.44	425.96	444.48	463.00	481.52	500.04	518.56	537.08
300	555.60	574.12	592.64	611.16	629.68	648.20	666.72	685.24	703.76	722.28
400	740.80	759.32	777.84	796.36	814.88	833.40	851.92	870.44	888.96	907.48
500	926.00	944.52	963.04	981.56	1000.08	1018.60	1037.12	1055.64	1074.16	1092.68
600	1111.20	1129.72	1148.24	1166.76	1185.28	1203.80	1222.32	1240.84	1259.36	1277.88
700	1296.40	1314.92	1333.44	1351.96	1370.48	1389.00	1407.52	1426.04	1444.56	1463.08
800	1481.60	1500.12	1518.64	1537.16	1555.68	1574.20	1592.72	1611.24	1629.76	1648.28
900	1666.80	1685.32	1703.84	1722.36	1740.88	1759.40	1777.92	1796.44	1814.96	1833.48

KM/NM	CONVERSION TABLE - Conversion factor 0.5399568035									
KM	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
0	0	0.540	1.080	1.620	2.160	2.700	3.240	3.780	4.320	4.860
10	5.400	5.940	6.479	7.019	7.559	8.099	8.639	9.179	9.719	10.259
20	10.799	11.339	11.879	12.419	12.959	13.499	14.039	14.579	15.119	15.659
30	16.199	16.739	17.279	17.819	18.359	18.898	19.438	19.978	20.518	21.058
40	21.598	22.138	22.678	23.218	23.758	24.298	24.838	25.378	25.918	26.458
50	26.998	27.538	28.078	28.618	29.158	29.698	30.238	30.778	31.317	31.857
60	32.397	32.937	33.477	34.017	34.557	35.097	35.637	36.177	36.717	37.257
70	37.797	38.337	38.877	39.417	39.957	40.497	41.037	41.577	42.117	42.657
80	43.197	43.737	44.276	44.816	45.356	45.896	46.436	46.976	47.516	48.056
90	48.596	49.136	49.676	50.216	50.756	51.296	51.836	52.376	52.916	53.456
	0	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
100	53.996	59.395	64.795	70.194	75.594	80.994	86.393	91.793	97.192	102.592
200	107.991	113.391	118.790	124.190	129.590	134.989	140.389	145.788	151.188	156.587
300	161.987	167.387	172.786	178.186	183.585	188.985	194.384	199.784	205.184	210.583
400	215.983	221.382	226.782	232.181	237.581	242.981	248.380	253.780	259.179	264.579
500	269.978	275.378	280.778	286.177	291.577	296.976	302.376	307.775	313.175	318.575
600	323.974	329.374	334.773	340.173	345.572	350.972	356.371	361.771	367.171	372.570
700	377.970	383.369	388.769	394.168	399.568	404.968	410.367	415.767	421.166	426.566
800	431.965	437.365	442.765	448.164	453.564	458.963	464.363	469.762	475.162	480.562
900	485.961	491.361	496.760	502.160	507.559	512.959	518.359	523.758	529.158	534.557

M/FT	CONVERSION TABLE Conversion factor 3.280839895									
M	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
0	0	3.28	6.56	9.84	13.12	16.40	19.69	22.97	26.25	29.53
10	32.81	36.09	39.37	42.65	45.93	49.21	52.49	55.77	59.06	62.34
20	65.62	68.90	72.18	75.46	78.74	82.02	85.30	88.58	91.86	95.14
30	98.43	101.71	104.99	108.27	111.55	114.83	118.11	121.39	124.67	127.95
40	131.23	134.51	137.80	141.08	144.36	147.64	150.92	154.20	157.48	160.76
50	164.04	167.32	170.60	173.88	177.17	180.45	183.73	187.01	190.29	193.57
60	196.85	200.13	203.41	206.69	209.97	213.25	216.54	219.82	223.10	226.38
70	229.66	232.94	236.22	239.50	242.78	246.06	249.34	252.62	255.91	259.19
80	262.47	265.75	269.03	272.31	275.59	278.87	282.15	285.43	288.71	291.99
90	295.28	298.56	301.84	305.12	308.40	311.68	314.96	318.24	321.52	324.80
	0	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
100	328.08	360.89	393.70	426.51	459.32	492.13	524.93	557.74	590.55	623.36
200	656.17	688.98	721.78	754.59	787.40	820.21	853.02	885.83	918.64	951.44
300	984.25	1017.06	1049.87	1082.68	1115.49	1148.29	1181.10	1213.91	1246.72	1279.53
400	1312.34	1345.14	1377.95	1410.76	1443.57	1476.38	1509.19	1541.99	1574.80	1607.61
500	1640.42	1673.23	1706.04	1738.85	1771.65	1804.46	1837.27	1870.08	1902.89	1935.70
600	1968.50	2001.31	2034.12	2066.93	2099.74	2132.55	2165.35	2198.16	2230.97	2263.78
700	2296.59	2329.40	2362.20	2395.01	2427.82	2460.63	2493.44	2526.25	2559.06	2591.86
800	2624.67	2657.48	2690.29	2723.10	2755.91	2788.71	2821.52	2854.33	2887.14	2919.95
900	2952.76	2985.56	3018.37	3051.18	3083.99	3116.80	3149.61	3182.41	3215.22	3248.03
	0	**100**	**200**	**300**	**400**	**500**	**600**	**700**	**800**	**900**
1000	3280.84	3608.92	3937.01	4265.09	4593.18	4921.26	5249.34	5577.43	5905.51	6233.60
2000	6561.68	6889.76	7217.85	7545.93	7874.02	8202.10	8530.18	8858.27	9186.35	9514.44
3000	9842.52	10170.60	10498.69	10826.77	11154.86	11482.94	11811.02	12139.11	12467.19	12795.28
4000	13123.36	13451.44	13779.53	14107.61	14435.70	14763.78	15091.86	15419.95	15748.03	16076.12
5000	16404.20	16732.28	17060.37	17388.45	17716.54	18044.62	18372.70	18700.79	19028.87	19356.96
6000	19685.04	20013.12	20341.21	20669.29	20997.38	21325.46	21653.54	21981.63	22309.71	22637.80
7000	22965.88	23293.96	23622.05	23950.13	24278.22	24606.30	24934.38	25262.47	25590.55	25918.64
8000	26246.72	26574.80	26902.89	27230.97	27559.06	27887.14	28215.22	28543.31	28871.39	29199.48
9000	29527.56	29855.64	30183.73	30511.81	30839.90	31167.98	31496.06	31824.15	32152.23	32480.31

FT/M	CONVERSION TABLE Conversion factor 0.3048									
FT	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
0	0	0.30	0.61	0.91	1.22	1.52	1.83	2.13	2.44	2.74
10	3.05	3.35	3.66	3.96	4.27	4.57	4.88	5.18	5.49	5.79
20	6.10	6.40	6.71	7.01	7.32	7.62	7.92	8.23	8.53	8.84
30	9.14	9.45	9.75	10.06	10.36	10.67	10.97	11.28	11.58	11.89
40	12.19	12.50	12.80	13.11	13.41	13.72	14.02	14.33	14.63	14.94
50	15.24	15.54	15.85	16.15	16.46	16.76	17.07	17.37	17.68	17.98
60	18.29	18.59	18.90	19.20	19.51	19.81	20.12	20.42	20.73	21.03
70	21.34	21.64	21.95	22.25	22.56	22.86	23.16	23.47	23.77	24.08
80	24.38	24.69	24.99	25.30	25.60	25.91	26.21	26.52	26.82	27.13
90	27.43	27.74	28.04	28.35	28.65	28.96	29.26	29.57	29.87	30.18
	0	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
100	30.48	33.53	36.58	39.62	42.67	45.72	48.77	51.82	54.86	57.91
200	60.96	64.01	67.06	70.10	73.15	76.20	79.25	82.30	85.34	88.39
300	91.44	94.49	97.54	100.58	103.63	106.68	109.73	112.78	115.82	118.87
400	121.92	124.97	128.02	131.06	134.11	137.16	140.21	143.26	146.30	149.35
500	152.40	155.45	158.50	161.54	164.59	167.64	170.69	173.74	176.78	179.83
600	182.88	185.93	188.98	192.02	195.07	198.12	201.17	204.22	207.26	210.31
700	213.36	216.41	219.46	222.50	225.55	228.60	231.65	234.70	237.74	240.79
800	243.84	246.89	249.94	252.98	256.03	259.08	262.13	265.18	268.22	271.27
900	274.32	277.37	280.42	283.46	286.51	289.56	292.61	295.66	298.70	301.75
	0	**100**	**200**	**300**	**400**	**500**	**600**	**700**	**800**	**900**
1000	304.80	335.28	365.76	396.24	426.72	457.20	487.68	518.16	548.64	579.12
2000	609.60	640.08	670.56	701.04	731.52	762.00	792.48	822.96	853.44	883.92
3000	914.40	944.88	975.36	1005.84	1036.32	1066.80	1097.28	1127.76	1158.24	1188.72
4000	1219.20	1249.68	1280.16	1310.64	1341.12	1371.60	1402.08	1432.56	1463.04	1493.52
5000	1524.00	1554.48	1584.96	1615.44	1645.92	1676.40	1706.88	1737.36	1767.84	1798.32
6000	1828.80	1859.28	1889.76	1920.24	1950.72	1981.20	2011.68	2042.16	2072.64	2103.12
7000	2133.60	2164.08	2194.56	2225.04	2255.52	2286.00	2316.48	2346.96	2377.44	2407.92
8000	2438.40	2468.88	2499.36	2529.84	2560.32	2590.80	2621.28	2651.76	2682.24	2712.72
9000	2743.20	2773.68	2804.16	2834.64	2865.12	2895.60	2926.08	2956.56	2987.04	3017.52
	0	**1000**	**2000**	**3000**	**4000**	**5000**	**6000**	**7000**	**8000**	**9000**
10000	3048.0	3352.8	3657.6	3962.4	4267.2	4572.0	4876.8	5181.6	5486.4	5791.2
20000	6096.0	6400.8	6705.6	7010.4	7315.2	7620.0	7924.8	8229.6	8534.4	8839.2
30000	9144.0	9448.8	9753.6	10058.4	10363.2	10668.0	10972.8	11277.6	11582.4	11887.2
40000	12192.0	12496.8	12801.6	13106.4	13411.2	13716.0	14020.8	14325.6	14630.4	14935.2
50000	15240.0	15544.8	15849.6	16154.4	16459.2	16764.0	17068.8	17373.6	17678.4	17983.2

NM/M	CONVERSION TABLE Conversion factor 1852									
NM	**.0**	**.1**	**.2**	**.3**	**.4**	**.5**	**.6**	**.7**	**.8**	**.9**
0	0	185.2	370.4	555.6	740.8	926.0	1111.2	1296.4	1481.6	1666.8
1	1852.0	2037.2	2222.4	2407.6	2592.8	2778.0	2963.2	3148.4	3333.6	3518.8
2	3704.0	3889.2	4074.4	4259.6	4444.8	4630.0	4815.2	5000.4	5185.6	5370.8
3	5556.0	5741.2	5926.4	6111.6	6296.8	6482.0	6667.2	6852.4	7037.6	7222.8
4	7408.0	7593.2	7778.4	7963.6	8148.8	8334.0	8519.2	8704.4	8889.6	9074.8
5	9260.0	9445.2	9630.4	9815.6	10000.8	10186.0	10371.2	10556.4	10741.6	10926.8
6	11112.0	11297.2	11482.4	11667.6	11852.8	12038.0	12223.2	12408.4	12593.6	12778.8
7	12964.0	13149.2	13334.4	13519.6	13704.8	13890.0	14075.2	14260.4	14445.6	14630.8
8	14816.0	15001.2	15186.4	15371.6	15556.8	15742.0	15927.2	16112.4	16297.6	16482.8
9	16668.0	16853.2	17038.4	17223.6	17408.8	17594.0	17779.2	17964.4	18149.6	18334.8

M/NM	CONVERSION TABLE Conversion factor 0.0005399568									
M	**0**	**100**	**200**	**300**	**400**	**500**	**600**	**700**	**800**	**900**
0	0	0.054	0.108	0.162	0.216	0.270	0.324	0.378	0.432	0.486
1000	0.540	0.594	0.648	0.702	0.756	0.810	0.864	0.918	0.972	1.026
2000	1.080	1.134	1.188	1.242	1.296	1.350	1.404	1.458	1.512	1.566
3000	1.620	1.674	1.728	1.782	1.836	1.890	1.944	1.998	2.052	2.106
4000	2.160	2.214	2.268	2.322	2.376	2.430	2.484	2.538	2.592	2.646
5000	2.700	2.754	2.808	2.862	2.916	2.970	3.024	3.078	3.132	3.186
6000	3.240	3.294	3.348	3.402	3.456	3.510	3.564	3.618	3.672	3.726
7000	3.780	3.834	3.888	3.942	3.996	4.050	4.104	4.158	4.212	4.266
8000	4.320	4.374	4.428	4.482	4.536	4.590	4.644	4.698	4.752	4.806
9000	4.860	4.914	4.968	5.022	5.076	5.130	5.184	5.238	5.292	5.346

NM/FT	CONVERSION TABLE Conversion factor 6076.115486									
NM	**.0**	**.1**	**.2**	**.3**	**.4**	**.5**	**.6**	**.7**	**.8**	**.9**
0	0	607.6	1215.2	1822.8	2430.4	3038.1	3645.7	4253.3	4860.9	5468.5
1	6076.1	6683.7	7291.3	7899.0	8506.6	9114.2	9721.8	10329.4	10937.0	11544.6
2	12152.2	12759.8	13367.5	13975.1	14582.7	15190.3	15797.9	16405.5	17013.1	17620.7
3	18228.3	18836.0	19443.6	20051.2	20658.8	21266.4	21874.0	22481.6	23089.2	23696.9
4	24304.5	24912.1	25519.7	26127.3	26734.9	27342.5	27950.1	28557.7	29165.4	29773.0
5	30380.6	30988.2	31595.8	32203.4	32811.0	33418.6	34026.2	34633.9	35241.5	35849.1
6	36456.7	37064.3	37671.9	38279.5	38887.1	39494.8	40102.4	40710.0	41317.6	41925.2
7	42532.8	43140.4	43748.0	44355.6	44963.3	45570.9	46178.5	46786.1	47393.7	48001.3
8	48608.9	49216.5	49824.1	50431.8	51039.4	51647.0	52254.6	52862.2	53469.8	54077.4
9	54685.0	55292.7	55900.3	56507.9	57115.5	57723.1	58330.7	58938.3	59545.9	60153.5

FT/NM	CONVERSION TABLE Conversion factor 0.0001645788									
FT	**0**	**100**	**200**	**300**	**400**	**500**	**600**	**700**	**800**	**900**
0	0	0.016	0.033	0.049	0.066	0.082	0.099	0.115	0.132	0.148
1000	0.165	0.181	0.197	0.214	0.230	0.247	0.263	0.280	0.296	0.313
2000	0.329	0.346	0.362	0.379	0.395	0.411	0.428	0.444	0.461	0.477
3000	0.494	0.510	0.527	0.543	0.560	0.576	0.592	0.609	0.625	0.642
4000	0.658	0.675	0.691	0.708	0.724	0.741	0.757	0.774	0.790	0.806
5000	0.823	0.839	0.856	0.872	0.889	0.905	0.922	0.938	0.955	0.971
6000	0.987	1.004	1.020	1.037	1.053	1.070	1.086	1.103	1.119	1.136
7000	1.152	1.169	1.185	1.201	1.218	1.234	1.251	1.267	1.284	1.300
8000	1.317	1.333	1.350	1.366	1.382	1.399	1.415	1.432	1.448	1.465
9000	1.481	1.498	1.514	1.531	1.547	1.563	1.580	1.596	1.613	1.629
	0	**1000**	**2000**	**3000**	**4000**	**5000**	**6000**	**7000**	**8000**	**9000**
10000	1.646	1.810	1.975	2.140	2.304	2.469	2.633	2.798	2.962	3.127
20000	3.292	3.456	3.621	3.785	3.950	4.114	4.279	4.444	4.608	4.773
30000	4.937	5.102	5.267	5.431	5.596	5.760	5.925	6.089	6.254	6.419
40000	6.583	6.748	6.912	7.077	7.241	7.406	7.571	7.735	7.900	8.064
50000	8.229	8.394	8.558	8.723	8.887	9.052	9.216	9.381	9.546	9.710

From decimal minutes of an arc to seconds of an arc - CONVERSION TABLE							
MIN	SEC	MIN	SEC	MIN	SEC	MIN	SEC
0.00	0.0	0.25	15.0	0.50	30.0	0.75	45.0
0.01	0.6	0.26	15.6	0.51	30.6	0.76	45.6
0.02	1.2	0.27	16.2	0.52	31.2	0.77	46.2
0.03	1.8	0.28	16.8	0.53	31.8	0.78	46.8
0.04	2.4	0.29	17.4	0.54	32.4	0.79	47.4
0.05	3.0	0.30	18.0	0.55	33.0	0.80	48.0
0.06	3.6	0.31	18.6	0.56	33.6	0.81	48.6
0.07	4.2	0.32	19.2	0.57	34.2	0.82	49.2
0.08	4.8	0.33	19.8	0.58	34.8	0.83	49.8
0.09	5.4	0.34	20.4	0.59	35.4	0.84	50.4
0.10	6.0	0.35	21.0	0.60	36.0	0.85	51.0
0.11	6.6	0.36	21.6	0.61	36.6	0.86	51.6
0.12	7.2	0.37	22.2	0.62	37.2	0.87	52.2
0.13	7.8	0.38	22.8	0.63	37.8	0.88	52.8
0.14	8.4	0.39	23.4	0.64	38.4	0.89	53.4
0.15	9.0	0.40	24.0	0.65	39.0	0.90	54.0
0.16	9.6	0.41	24.6	0.66	39.6	0.91	54.6
0.17	10.2	0.42	25.2	0.67	40.2	0.92	55.2
0.18	10.8	0.43	25.8	0.68	40.8	0.93	55.8
0.19	11.4	0.44	26.4	0.69	41.4	0.94	56.4
0.20	12.0	0.45	27.0	0.70	42.0	0.95	57.0
0.21	12.6	0.46	27.6	0.71	42.6	0.96	57.6
0.22	13.2	0.47	28.2	0.72	43.2	0.97	58.2
0.23	13.8	0.48	28.8	0.73	43.8	0.98	58.8
0.24	14.4	0.49	29.4	0.74	44.4	0.99	59.4

From seconds of an arc to decimal minutes of an arc - CONVERSION TABLE							
SEC	MIN	SEC	MIN	SEC	MIN	SEC	MIN
0	0.00	15	0.25	30	0.50	45	0.75
1	0.02	16	0.27	31	0.52	46	0.77
2	0.03	17	0.28	32	0.53	47	0.78
3	0.05	18	0.30	33	0.55	48	0.80
4	0.07	19	0.32	34	0.57	49	0.82
5	0.08	20	0.33	35	0.58	50	0.83
6	0.10	21	0.35	36	0.60	51	0.85
7	0.12	22	0.37	37	0.62	52	0.87
8	0.13	23	0.38	38	0.63	53	0.88
9	0.15	24	0.40	39	0.65	54	0.90
10	0.17	25	0.42	40	0.67	55	0.92
11	0.18	26	0.43	41	0.68	56	0.93
12	0.20	27	0.45	42	0.70	57	0.95
13	0.22	28	0.47	43	0.72	58	0.97
14	0.23	29	0.48	44	0.73	59	0.98

°C/°F CONVERSION TABLE									
°C	°F	°C	°F	°C	°F	°C	°F	°C	°F
		-40	-40.0	-10	14.0	20	68.0	50	122.0
		-39	-38.2	-9	15.8	21	69.8	51	123.8
		-38	-36.4	-8	17.6	22	71.6	52	125.6
		-37	-34.6	-7	19.4	23	73.4	53	127.4
		-36	-32.8	-6	21.2	24	75.2	54	129.2
		-35	-31.0	-5	23.0	25	77.0	55	131.0
		-34	-29.2	-4	24.8	26	78.8	56	132.8
		-33	-27.4	-3	26.6	27	80.6	57	134.6
		-32	-25.6	-2	28.4	28	82.4	58	136.4
		-31	-23.8	-1	30.2	29	84.2	59	138.2
-60	-76.0	-30	-22.0	**0**	**32.0**	30	86.0	60	140.0
-59	-74.2	-29	-20.2	1	33.8	31	87.8	61	141.8
-58	-72.4	-28	-18.4	2	35.6	32	89.6	62	143.6
-57	-70.6	-27	-16.6	3	37.4	33	91.4	63	145.4
-56	-68.8	-26	-14.8	4	39.2	34	93.2	64	147.2
-55	-67.0	-25	-13.0	5	41.0	35	95.0	65	149.0
-54	-65.2	-24	-11.2	6	42.8	36	96.8	66	150.8
-53	-63.4	-23	-9.4	7	44.6	37	98.6	67	152.6
-52	-61.6	-22	-7.6	8	46.4	38	100.4	68	154.4
-51	-59.8	-21	-5.8	9	48.2	39	102.2	69	156.2
-50	-58.0	-20	-4.0	10	50	40	104.0	70	158.0
-49	-56.2	-19	-2.2	11	51.8	41	105.8		
-48	-54.4	-18	-0.4	12	53.6	42	107.6		
-47	-52.6	-17	+1.4	13	55.4	43	109.4		
-46	-50.8	-16	+3.2	14	57.2	44	111.2		
-45	-49.0	-15	+5.0	15	59.0	45	113.0		
-44	-47.2	-14	6.8	16	60.8	46	114.8		
-43	-45.4	-13	8.6	17	62.6	47	116.6		
-42	-43.6	-12	10.4	18	64.4	48	118.4		
-41	-41.8	-11	12.2	19	66.2	49	120.2		

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