MEJORAMIENTO DE LA VÍA SECUNDARIA, CRUCE RUTA 45, TRONCAL CENTRAL QUE COMUNICA AL MUNICIPIO DE PUERTO WILCHES - SANTANDER
CARTERA DE CANTIDADES DE MOVIMIENTO DE TIERRAS

MOVIMIENTO DE TIERRAS CORTE Y LLENO						
Abscisa	**Area Corte (m²)**	**Vol corte (m³)**	**Area lleno (m²)**	**Vol lleno (m³)**	**Vol corte acum (m³)**	**Vol lleno acum (m³)**
0+001.102	8.41	0	0.07	0	0	0
0+010.000	25.14	148.1	0.1	0.75	148.1	0.75
0+020.000	9.63	170.83	0.07	0.84	318.93	1.59
0+030.000	10.85	102.34	0.24	1.57	421.27	3.16
0+040.000	10.62	107.39	0.21	2.26	528.66	5.42
0+050.000	9.63	101.28	0.17	1.9	629.94	7.32
0+060.000	9.52	95.76	0.27	2.2	725.71	9.52
0+070.000	9.98	97.51	0.35	3.1	823.21	12.63
0+080.000	8.86	94.2	0.5	4.25	917.42	16.88
0+090.000	8.75	88.06	0.37	4.37	1005.48	21.25
0+100.000	0	43.76	2	11.88	1049.24	33.14
0+110.000	0	0	2.46	22.34	1049.24	55.47
0+120.000	0	0	2.78	26.21	1049.24	81.68
0+130.000	0	0	3.49	31.35	1049.24	113.03
0+140.000	0	0	3.7	35.95	1049.24	148.98
0+150.000	0	0	3.57	36.31	1049.24	185.29
0+160.000	0	0	2.55	30.58	1049.24	215.86
0+170.000	0	0	2.81	26.82	1049.24	242.68
0+180.000	0	0	2.64	27.25	1049.24	269.93
0+190.000	0	0	2.08	23.58	1049.24	293.51
0+200.000	0	0	2.42	22.49	1049.24	316.01
0+210.000	0	0	1.97	21.97	1049.24	337.97
0+220.000	0	0	1.78	18.77	1049.24	356.75
0+230.000	0	0	1.86	18.21	1049.24	374.96
0+240.000	0	0.02	1.48	16.7	1049.25	391.66
0+250.000	0.03	0.17	1.34	14.08	1049.43	405.74
0+260.000	0.28	1.55	1.47	14.01	1050.98	419.75
0+270.000	0.48	3.81	0.6	10.34	1054.79	430.09
0+280.000	0.88	6.82	0.36	4.8	1061.61	434.89
0+290.000	0.99	9.35	0.48	4.18	1070.97	439.07
0+300.000	1.12	10.55	0.47	4.75	1081.51	443.82
0+310.000	0.89	10.05	0.59	5.33	1091.56	449.15
0+320.000	0.54	7.14	0.89	7.41	1098.7	456.56
0+330.000	0.48	5.07	0.89	8.91	1103.76	465.47
0+340.000	0.41	4.42	0.68	7.84	1108.18	473.31
0+350.000	0.23	3.18	1.03	8.52	1111.36	481.83
0+360.000	0.11	1.72	1.12	10.74	1113.07	492.57
0+370.000	0.09	1.01	1.45	12.84	1114.08	505.41
0+380.000	0.23	1.61	1.99	17.21	1115.69	522.62
0+390.000	0.47	3.5	6.47	42.33	1119.19	564.95
0+400.000	0.08	2.73	1.15	38.12	1121.92	603.07
0+410.000	0	0.4	2.45	18.01	1122.32	621.08
0+420.000	0	0	2.76	26.05	1122.32	647.13
0+430.000	0.03	0.15	2.09	24.25	1122.47	671.38
0+440.000	0	0.16	3.19	26.4	1122.63	697.78
0+450.000	0	0	2.02	26.04	1122.63	723.82
0+460.000	0.05	0.24	1.81	19.17	1122.88	742.99
0+470.000	0.15	0.97	1.54	16.78	1123.85	759.77
0+480.000	0.5	3.24	1.88	17.1	1127.09	776.86
0+490.000	0.71	6.06	1.31	15.94	1133.15	792.81
0+500.000	0.83	7.71	2.84	20.74	1140.86	813.55
0+510.000	0.67	7.53	0.74	17.85	1148.38	831.41
0+520.000	0.57	6.22	0.89	8.12	1154.6	839.53
0+530.000	0.72	6.47	1.7	12.96	1161.07	852.49
0+540.000	0.87	7.96	1.45	15.78	1169.04	868.27
0+550.000	1.02	9.48	1.24	13.46	1178.51	881.73
0+560.000	1.25	11.36	1.08	11.61	1189.87	893.34
0+570.000	1.72	14.83	0.23	6.57	1204.7	899.91
0+580.000	1.61	16.62	2.27	12.49	1221.32	912.41
0+590.000	1	13.01	0.57	14.18	1234.33	926.59
0+600.000	0.51	7.54	0.66	6.13	1241.87	932.72
0+610.000	0.12	3.18	1.35	10.04	1245.05	942.76
0+620.000	0	0.63	1.99	16.71	1245.68	959.47
0+630.000	0	0	1.26	16.28	1245.69	975.75
0+640.000	0	0	1.78	15.24	1245.69	990.99
0+650.000	0	0	1.49	16.36	1245.69	1007.35
0+660.000	0	0.01	1.62	15.51	1245.7	1022.87
0+670.000	0.21	1.04	4	28.09	1246.74	1050.96
0+680.000	0.06	1.31	1.74	28.72	1248.05	1079.68

0+690.000	0	0.29	2.47	21.03	1248.34	1100.71
0+700.000	0	0	3.12	27.92	1248.35	1128.62
0+710.000	0	0	2.65	28.85	1248.35	1157.48
0+720.000	0	0	2.78	27.18	1248.35	1184.65
0+730.000	0	0	3.28	30.31	1248.35	1214.96
0+740.000	0	0	1.92	26.02	1248.35	1240.98
0+750.000	0.02	0.08	1.33	16.29	1248.43	1257.27
0+760.000	0.07	0.43	1.33	13.3	1248.85	1270.57
0+770.000	0.03	0.51	1.28	13.04	1249.37	1283.61
0+780.000	0.03	0.32	2.07	16.77	1249.69	1300.38
0+790.000	0.01	0.22	2.31	21.89	1249.91	1322.27
0+800.000	0.03	0.19	3.4	28.55	1250.09	1350.82
0+810.000	0	0.13	3.23	33.17	1250.22	1383.99
0+820.000	0	0	2.19	27.09	1250.22	1411.08
0+830.000	0	0	1.77	19.8	1250.22	1430.88
0+840.000	0	0	1.58	16.76	1250.22	1447.64
0+850.000	0	0.03	1.45	15.15	1250.24	1462.79
0+860.000	0.05	0.29	2.01	17.3	1250.53	1480.09
0+870.000	0	0.28	1.99	20	1250.81	1500.09
0+880.000	0	0.02	1.81	18.99	1250.82	1519.08
0+890.000	0	0.01	1.45	16.27	1250.84	1535.35
0+900.000	0.02	0.12	1.11	12.81	1250.95	1548.15
0+910.000	0.06	0.39	0.94	10.26	1251.35	1558.41
0+920.000	0.11	0.83	0.79	8.63	1252.18	1567.04
0+930.000	0.16	1.36	0.67	7.28	1253.55	1574.32
0+940.000	0.05	1.05	1.43	10.49	1254.59	1584.81
0+950.000	0	0.23	1.5	14.66	1254.83	1599.47
0+960.000	0.05	0.25	1.45	14.78	1255.08	1614.25
0+970.000	0.06	0.56	1.86	16.59	1255.64	1630.84
0+980.000	0.11	0.84	1.42	16.4	1256.48	1647.24
0+990.000	0.28	1.95	1.1	12.56	1258.42	1659.81
1+000.000	0.56	4.21	1.7	13.98	1262.64	1673.78
1+010.000	0.78	6.69	1.24	14.68	1269.32	1688.47
1+020.000	0.89	8.35	1.64	14.37	1277.68	1702.83
1+030.000	0.88	8.88	0.9	12.7	1286.56	1715.53
1+040.000	0.98	9.31	3.99	24.46	1295.86	1740
1+050.000	0.71	8.46	1.23	26.1	1304.32	1766.09
1+060.000	0.53	6.23	1.13	11.81	1310.55	1777.9
1+070.000	0.43	4.82	1.25	11.89	1315.37	1789.79
1+080.000	0.36	3.97	1.21	12.28	1319.34	1802.07
1+090.000	0.31	3.36	0.99	11	1322.7	1813.08
1+100.000	0.3	3.08	0.75	8.73	1325.78	1821.81
1+110.000	0.45	3.74	1.67	12.12	1329.52	1833.93
1+120.000	0.56	5.05	1.44	15.57	1334.57	1849.51
1+130.000	0.62	5.93	1.13	12.86	1340.5	1862.37
1+140.000	0.6	6.11	1.99	15.59	1346.61	1877.96
1+150.000	0.57	5.85	4.13	30.62	1352.46	1908.58
1+160.000	0.39	4.83	0.63	23.79	1357.29	1932.37
1+170.000	0.43	4.15	0.9	7.61	1361.44	1939.97
1+180.000	0.46	4.48	1.04	9.67	1365.91	1949.64
1+190.000	0.53	4.97	1.16	10.97	1370.89	1960.61
1+200.000	0.66	5.94	1.3	12.3	1376.83	1972.91
1+210.000	0.75	7.02	1.69	14.97	1383.85	1987.88
1+220.000	0.95	8.49	3.72	27.07	1392.34	2014.95
1+230.000	0.43	6.88	1.63	26.73	1399.22	2041.68
1+240.000	0.68	5.53	0.46	10.41	1404.75	2052.09
1+250.000	0.79	7.35	0.28	3.7	1412.1	2055.79
1+260.000	0.76	7.78	0.45	3.65	1419.88	2059.44
1+270.000	0.87	8.17	0.23	3.37	1428.05	2062.81
1+280.000	0.9	8.85	0.23	2.3	1436.9	2065.1
1+290.000	0.91	9.05	0.23	2.32	1445.95	2067.42
1+300.000	0.9	9.03	0.24	2.35	1454.98	2069.77
1+310.000	0.83	8.64	2.26	12.47	1463.62	2082.23
1+320.000	0.5	6.65	0.93	15.95	1470.27	2098.19
1+330.000	0.24	3.69	0.53	7.3	1473.97	2105.49
1+340.000	0.16	2.02	0.6	5.64	1475.99	2111.13
1+350.000	0.05	1.05	0.92	7.59	1477.04	2118.72
1+360.000	0.05	0.49	0.77	8.46	1477.54	2127.18
1+370.000	0.24	1.46	0.3	5.39	1479	2132.58
1+380.000	0.18	2.1	0.44	3.7	1481.1	2136.28
1+390.000	0	0.9	1.43	9.31	1482	2145.59
1+400.000	0	0	2.79	21.1	1482	2166.69
1+410.000	0.04	0.21	3.17	29.83	1482.21	2196.52
1+420.000	0.08	0.6	2.62	28.95	1482.81	2225.47

1+430.000	0.06	0.68	1.78	21.98	1483.49	2247.45
1+440.000	0.18	1.2	1.33	15.56	1484.69	2263
1+450.000	0.21	1.94	1.5	14.18	1486.62	2277.18
1+460.000	0.63	4.18	0.73	11.19	1490.8	2288.37
1+470.000	0.95	7.91	0.33	5.29	1498.72	2293.67
1+480.000	0.62	7.85	0.28	3.04	1506.56	2296.71
1+490.000	0.5	5.58	0.91	5.99	1512.14	2302.69
1+500.000	0.9	6.97	0.52	7.16	1519.11	2309.85
1+510.000	1.12	10.07	0.54	5.28	1529.18	2315.13
1+520.000	1.32	12.18	1.75	11.44	1541.37	2326.57
1+530.000	0.48	9	1.13	14.42	1550.37	2340.99
1+540.000	0.2	3.43	1.6	13.69	1553.8	2354.68
1+550.000	0.08	1.41	1.48	15.41	1555.21	2370.09
1+560.000	0.04	0.58	1.89	16.84	1555.79	2386.93
1+570.000	0.05	0.43	3.09	24.88	1556.22	2411.81
1+580.000	0.02	0.32	2.49	27.91	1556.54	2439.72
1+590.000	0	0.08	2.12	23.09	1556.62	2462.8
1+600.000	0.2	0.99	3.54	28.3	1557.61	2491.1
1+610.000	0	1	1.66	26.01	1558.61	2517.11
1+620.000	0	0.03	1.9	17.84	1558.64	2534.95
1+630.000	0	0.02	1.8	18.54	1558.66	2553.49
1+640.000	0.01	0.06	1.51	16.56	1558.72	2570.05
1+650.000	0.13	0.72	0.66	10.84	1559.44	2580.9
1+660.000	0	0.69	1.32	9.88	1560.13	2590.78
1+670.000	0	0.03	1.23	12.73	1560.16	2603.51
1+680.000	0	0	1.54	13.83	1560.16	2617.34
1+690.000	0	0	1.83	16.83	1560.16	2634.17
1+700.000	0.27	1.36	3.35	25.92	1561.52	2660.09
1+710.000	0.24	2.55	0.87	21.13	1564.07	2681.22
1+720.000	0.05	1.45	1.01	9.4	1565.52	2690.62
1+730.000	0	0.26	1.4	12.07	1565.78	2702.69
1+740.000	0	0	1.49	14.49	1565.78	2717.18
1+750.000	0.04	0.22	2.75	21.25	1566	2738.43
1+760.000	0	0.22	3.31	30.34	1566.22	2768.76
1+770.000	0	0	3.42	33.66	1566.22	2802.42
1+780.000	0.09	0.46	4.53	39.76	1566.68	2842.19
1+790.000	0	0.46	3.99	42.59	1567.15	2884.78
1+800.000	0	0.05	2.63	33.08	1567.19	2917.86
1+810.000	0.11	0.6	1.7	21.64	1567.79	2939.5
1+820.000	0.73	4.2	1.61	16.52	1571.99	2956.02
1+830.000	0.27	5.01	1.64	16.35	1576.99	2972.37
1+840.000	0.61	4.43	1	13.42	1581.42	2985.79
1+850.000	1.22	9.17	0.85	9.44	1590.59	2995.23
1+860.000	1.07	11.48	0.7	7.84	1602.07	3003.07
1+870.000	1.25	11.66	0.24	4.74	1613.73	3007.82
1+880.000	0.39	8.24	0.72	4.88	1621.97	3012.69
1+890.000	0.5	4.47	0.33	5.27	1626.44	3017.97
1+900.000	0.64	5.71	1.37	8.48	1632.14	3026.45
1+910.000	0.57	6.08	0.74	10.57	1638.22	3037.02
1+920.000	0.32	4.46	0.63	6.87	1642.68	3043.88
1+930.000	0.24	2.77	0.96	7.96	1645.45	3051.84
1+940.000	0.37	3.02	1.26	11.12	1648.47	3062.96
1+950.000	0.33	3.5	0.9	10.81	1651.98	3073.77
1+960.000	0.88	6.06	2.77	18.34	1658.03	3092.11
1+970.000	0.79	8.37	1.12	19.42	1666.4	3111.52
1+980.000	0.37	5.84	1.48	12.98	1672.24	3124.5
1+990.000	0.31	3.41	1.78	16.29	1675.64	3140.79
2+000.000	0.18	2.46	1.54	16.61	1678.1	3157.39
2+010.000	0.13	1.54	0.92	12.32	1679.64	3169.71
2+020.000	0.17	1.49	1.31	11.14	1681.13	3180.85
2+030.000	0.01	0.93	1.32	13.11	1682.06	3193.96
2+040.000	0.03	0.24	1.71	15.12	1682.3	3209.07
2+050.000	0	0.17	1.66	16.82	1682.47	3225.89
2+060.000	0	0.02	1.56	16.1	1682.49	3242
2+070.000	0	0.06	1.64	16.01	1682.54	3258
2+080.000	0.1	0.57	1.37	15.02	1683.11	3273.02
2+090.000	0.11	1.09	1.49	14.27	1684.21	3287.29
2+100.000	0.4	2.55	1.32	14.03	1686.76	3301.32
2+110.000	0.66	5.3	1.01	11.64	1692.06	3312.96
2+120.000	0.61	6.37	0.92	9.65	1698.43	3322.6
2+130.000	0.61	6.12	1.54	12.31	1704.55	3334.91
2+140.000	0.47	5.44	0.52	10.29	1710	3345.2
2+150.000	0.27	3.71	1.62	10.71	1713.7	3355.91
2+160.000	0.24	2.55	0.94	12.81	1716.25	3368.72

2+170.000	0.2	2.2	0.72	8.29	1718.45	3377.01
2+180.000	0.16	1.79	0.95	8.34	1720.23	3385.35
2+190.000	0.12	1.4	0.96	9.53	1721.64	3394.88
2+200.000	0.28	1.99	1.36	11.58	1723.62	3406.46
2+210.000	0.59	4.33	1.6	14.79	1727.95	3421.26
2+220.000	0.27	4.27	2.15	18.74	1732.22	3440
2+230.000	0.08	1.75	1.35	17.5	1733.97	3457.5
2+240.000	0.04	0.6	1.21	12.81	1734.58	3470.32
2+250.000	0.37	2.01	0.54	8.79	1736.59	3479.1
2+260.000	1.06	7.14	0.64	5.93	1743.72	3485.04
2+270.000	2.07	15.65	0.67	6.57	1759.37	3491.61
2+280.000	2.19	21.3	0.58	6.34	1780.67	3497.94
2+290.000	1.78	19.95	0.06	3.26	1800.62	3501.2
2+300.000	1.9	18.46	0.22	1.41	1819.08	3502.61
2+310.000	0.37	11.28	1.45	8.24	1830.36	3510.85
2+320.000	0.77	5.77	0.5	9.54	1836.13	3520.38
2+330.000	0.12	4.52	0.65	5.63	1840.65	3526.01
2+340.000	0.89	5.08	0.83	7.3	1845.73	3533.31
2+350.000	0.8	8.45	0.7	7.58	1854.18	3540.89
2+360.000	0.87	8.31	1.87	12.87	1862.5	3553.76
2+370.000	0.38	6.21	1.04	14.55	1868.7	3568.31
2+380.000	0.64	5.07	1.45	12.46	1873.78	3580.77
2+390.000	0.13	3.86	1.78	16.16	1877.63	3596.93
2+400.000	0	0.67	2.78	22.79	1878.3	3619.72
2+410.000	0	0	3.85	33.16	1878.3	3652.88
2+420.000	0	0	3.97	39.09	1878.3	3691.97
2+430.000	0.03	0.13	4.06	40.12	1878.42	3732.09
2+440.000	0.37	1.99	2.4	32.29	1880.42	3764.38
2+450.000	0.1	2.36	2.01	22.13	1882.78	3786.51
2+460.000	0	0.53	2.21	21.11	1883.31	3807.62
2+470.000	0	0.06	2.06	21.37	1883.36	3828.99
2+480.000	0.05	0.29	2.4	22.33	1883.65	3851.32
2+490.000	0.4	2.27	2.21	23.09	1885.92	3874.41
2+500.000	0.05	2.26	3.61	29.1	1888.18	3903.51
2+510.000	0.2	1.26	2.1	28.52	1889.44	3932.03
2+520.000	0.28	2.42	1.09	15.95	1891.86	3947.98
2+530.000	0.48	3.8	1.12	11.05	1895.65	3959.02
2+540.000	0.6	5.38	1.66	13.9	1901.03	3972.93
2+550.000	0.39	4.92	2.29	19.78	1905.96	3992.71
2+560.000	0.42	4.05	1.49	18.93	1910	4011.64
2+570.000	0.04	2.31	1.22	13.55	1912.31	4025.19
2+580.000	0.02	0.28	1.41	13.16	1912.59	4038.35
2+590.000	0.45	2.34	1.01	12.1	1914.93	4050.45
2+600.000	0	2.28	1.6	13.05	1917.21	4063.5
2+610.000	0	0.03	1.32	14.62	1917.24	4078.12
2+620.000	0	0	0.93	11.25	1917.24	4089.37
2+630.000	0	0.04	0.67	8.01	1917.28	4097.38
2+640.000	0.19	1.01	0.63	6.52	1918.29	4103.91
2+650.000	0.32	2.56	0.93	7.8	1920.85	4111.71
2+660.000	0.06	1.88	1.58	12.54	1922.73	4124.24
2+670.000	0.01	0.37	1.52	15.51	1923.1	4139.75
2+680.000	0.03	0.23	2.42	19.7	1923.33	4159.46
2+690.000	0.08	0.57	2.97	26.92	1923.9	4186.38
2+700.000	0.13	1.06	1.03	19.96	1924.96	4206.35
2+710.000	0.04	0.87	1.05	10.39	1925.83	4216.74
2+720.000	0.01	0.27	1.45	12.5	1926.1	4229.24
2+730.000	0.02	0.12	1.68	15.66	1926.23	4244.9
2+740.000	0.08	0.47	1.79	17.39	1926.7	4262.29
2+750.000	0.24	1.57	1.82	18.05	1928.27	4280.34
2+760.000	0.04	1.38	2.66	22.4	1929.65	4302.74
2+770.000	0	0.23	2.27	24.66	1929.88	4327.4
2+780.000	0.26	1.32	2.18	22.23	1931.2	4349.63
2+790.000	1	6.32	1.83	20.02	1937.52	4369.65
2+800.000	1.32	11.64	1.57	16.97	1949.16	4386.62
2+810.000	1.54	14.32	1.49	15.3	1963.48	4401.92
2+820.000	1.53	15.32	1.81	16.52	1978.81	4418.43
2+830.000	1.32	14.25	1.35	15.81	1993.06	4434.24
2+840.000	1.11	12.15	1.81	15.82	2005.21	4450.06
2+850.000	0.86	9.82	2.18	19.96	2015.02	4470.02
2+860.000	0.56	7.09	1.25	17.13	2022.11	4487.15
2+870.000	0.75	6.54	0.84	10.45	2028.65	4497.6
2+880.000	0.36	5.53	1.47	11.55	2034.18	4509.15
2+890.000	0.08	2.21	1.97	17.2	2036.39	4526.35
2+900.000	0.07	0.75	4.29	31.3	2037.14	4557.65

2+910.000	0	0.35	5.62	49.52	2037.49	4607.16
2+920.000	0	0.01	5.87	57.45	2037.51	4664.61
2+930.000	0	0	5.53	57.02	2037.51	4721.64
2+940.000	0	0	5.32	54.28	2037.51	4775.91
2+950.000	0	0	5.26	52.93	2037.52	4828.84
2+960.000	0	0	4.58	49.22	2037.52	4878.06
2+970.000	0.78	3.91	2.33	34.27	2041.43	4912.33
2+980.000	0.39	5.84	2.86	25.95	2047.27	4938.29
2+990.000	0.08	2.34	2.51	26.86	2049.61	4965.15
3+000.000	0.01	0.45	2.52	25.17	2050.06	4990.32
3+010.000	0.16	0.86	1.92	22.22	2050.92	5012.53
3+020.000	0.41	2.85	2.34	21.32	2053.77	5033.85
3+030.000	0.4	4.06	2.01	21.76	2057.83	5055.61
3+040.000	0.42	4.14	1.73	18.72	2061.97	5074.33
3+050.000	0.72	5.69	1.07	14.04	2067.66	5088.37
3+060.000	0.39	5.53	1.14	11.05	2073.19	5099.41
3+070.000	0.38	3.85	1.3	12.18	2077.04	5111.59
3+080.000	0.38	3.8	0.92	11.11	2080.84	5122.71
3+090.000	0.52	4.52	0.87	8.95	2085.36	5131.66
3+100.000	0.82	6.71	0.5	6.83	2092.07	5138.49
3+110.000	2.12	14.73	0.25	3.72	2106.8	5142.21
3+120.000	0.94	15.34	0.26	2.55	2122.14	5144.76
3+130.000	1.66	13.03	0.22	2.38	2135.17	5147.14
3+140.000	1.71	16.88	1.14	6.78	2152.05	5153.92
3+150.000	1.14	14.29	1.78	14.62	2166.34	5168.54
3+160.000	0.3	7.23	2.91	23.48	2173.57	5192.03
3+170.000	0	1.51	1.87	23.91	2175.08	5215.94
3+180.000	0	0.02	2.25	20.61	2175.1	5236.55
3+190.000	0.02	0.1	3.01	26.32	2175.21	5262.86
3+200.000	0.13	0.71	2.71	28.62	2175.92	5291.48
3+210.000	0	0.63	2.77	27.4	2176.54	5318.88
3+220.000	0.01	0.06	2.96	28.65	2176.6	5347.52
3+230.000	0.04	0.23	3.36	31.74	2176.83	5379.26
3+240.000	0	0.18	5	41.79	2177.01	5421.05
3+250.000	0	0	2.91	39.56	2177.01	5460.61
3+260.000	0	0	3.53	32.22	2177.01	5492.83
3+270.000	0	0	3.35	34.34	2177.01	5527.18
3+280.000	0	0	2.46	28.9	2177.01	5556.08
3+290.000	0.41	2.05	1.79	20.94	2179.06	5577.02
3+300.000	0.08	2.47	1.55	16.16	2181.53	5593.18
3+310.000	0.75	4.22	1.69	15.87	2185.75	5609.05
3+320.000	0.17	4.66	2.08	18.63	2190.41	5627.68
3+330.000	0.14	1.59	2.11	20.84	2192	5648.52
3+340.000	0.23	1.88	2.74	24.25	2193.89	5672.77
3+350.000	0.1	1.66	2.53	26.35	2195.55	5699.12
3+360.000	0.14	1.18	3.04	27.46	2196.73	5726.57
3+370.000	0	0.69	3.36	31.42	2197.43	5758
3+380.000	0.35	1.81	1.7	24.7	2199.24	5782.7
3+390.000	0.12	2.4	1.18	13.95	2201.64	5796.65
3+400.000	0.69	4.08	0.88	10.02	2205.72	5806.67
3+410.000	0.51	6.03	2.03	14.51	2211.75	5821.19
3+420.000	0.73	6.18	1.41	17.21	2217.92	5838.39
3+430.000	0	3.63	3.69	25.48	2221.55	5863.87
3+440.000	0	0	4.18	39.36	2221.55	5903.24
3+450.000	1.08	5.41	1.34	27.81	2226.96	5931.05
3+460.000	2.56	18.22	2.92	21.86	2245.18	5952.91
3+470.000	1.26	19.13	1.07	20.76	2264.31	5973.66
3+480.000	0.89	10.68	0.44	7.84	2274.99	5981.5
3+490.000	1.46	11.66	0.79	6.28	2286.66	5987.78
3+500.000	0.55	10.04	1.1	9.46	2296.7	5997.24
3+510.000	0.28	4.14	1.76	14.32	2300.84	6011.56
3+520.000	0.59	4.33	2.69	22.28	2305.17	6033.84
3+530.000	1.03	8.07	6.8	47.47	2313.24	6081.31
3+540.000	0.5	7.62	1.39	40.97	2320.87	6122.28
3+550.000	0.66	5.8	1.08	12.36	2326.67	6134.64
3+560.000	0.72	6.93	0.8	9.43	2333.6	6144.07
3+570.000	0.43	5.76	1.1	9.52	2339.36	6153.59
3+580.000	0.33	3.8	1.26	11.81	2343.16	6165.41
3+590.000	0.27	2.97	1.04	11.5	2346.13	6176.91
3+600.000	0.29	2.76	0.62	8.3	2348.9	6185.21
3+610.000	0.28	2.85	0.5	5.61	2351.75	6190.82
3+620.000	0.25	2.67	0.38	4.42	2354.42	6195.24
3+630.000	0.54	3.97	0.86	6.22	2358.39	6201.46
3+640.000	0.5	5.23	1.43	11.47	2363.62	6212.94

3+650.000	0.23	3.71	1.34	13.83	2367.33	6226.76
3+660.000	0.24	2.38	1.29	13.24	2369.71	6240.01
3+670.000	0.09	1.69	1.59	14.55	2371.4	6254.56
3+680.000	0.25	1.74	1.5	15.55	2373.13	6270.11
3+690.000	0.01	1.31	2.71	21.25	2374.45	6291.36
3+700.000	0.06	0.38	2.67	27.15	2374.83	6318.51
3+710.000	0.1	0.84	2.16	24.2	2375.66	6342.71
3+720.000	0.1	1.01	2.66	24.09	2376.67	6366.8
3+730.000	0	0.49	2.1	23.8	2377.16	6390.6
3+740.000	0.27	1.33	2.03	20.66	2378.49	6411.26
3+750.000	0.03	1.47	2.7	23.66	2379.96	6434.92
3+760.000	0.01	0.19	2.05	23.81	2380.15	6458.73
3+770.000	0	0.1	1.79	19.17	2380.25	6477.9
3+780.000	0.04	0.24	1.62	17.05	2380.5	6494.95
3+790.000	0.08	0.61	1.79	17.09	2381.11	6512.04
3+800.000	0.11	0.98	1.94	18.66	2382.09	6530.7
3+810.000	0.16	1.39	2.02	19.78	2383.49	6550.47
3+820.000	0.24	2.01	1.99	20.05	2385.5	6570.52
3+830.000	0.43	3.34	0.99	14.91	2388.83	6585.43
3+840.000	0.87	6.49	2.7	18.42	2395.32	6603.85
3+850.000	0.83	8.51	0.65	16.72	2403.83	6620.57
3+860.000	0.76	7.97	0.72	6.86	2411.8	6627.43
3+870.000	0.66	7.09	0.8	7.58	2418.9	6635.02
3+880.000	0.53	5.93	0.87	8.33	2424.82	6643.35
3+890.000	0.31	4.18	1.58	12.24	2429.01	6655.59
3+900.000	0.12	2.13	1.57	15.72	2431.14	6671.31
3+910.000	0.05	0.84	1.48	15.2	2431.98	6686.51
3+920.000	0.1	0.74	1.28	13.76	2432.72	6700.27
3+930.000	0.16	1.27	1.87	15.73	2433.99	6716
3+940.000	0.33	2.42	2.82	23.47	2436.41	6739.47
3+950.000	0.19	2.59	0.83	18.27	2439	6757.74
3+960.000	0.05	1.21	0.99	9.08	2440.22	6766.82
3+970.000	0	0.27	0.95	9.67	2440.49	6776.49
3+980.000	0	0.04	1.01	9.77	2440.52	6786.26
3+990.000	0	0.05	1.13	10.7	2440.58	6796.96
4+000.000	0.02	0.12	1.54	13.36	2440.69	6810.33
4+010.000	0.02	0.19	1.72	16.28	2440.89	6826.6
4+020.000	0.1	0.6	1.51	16.14	2441.49	6842.74
4+030.000	0.42	2.57	2.94	22.25	2444.06	6864.99
4+040.000	0.28	3.49	0.98	19.61	2447.56	6884.61
4+050.000	0.22	2.52	1.13	10.54	2450.07	6895.15
4+060.000	0.25	2.37	1.22	11.74	2452.44	6906.89
4+070.000	0.15	1.99	2.08	16.53	2454.43	6923.42
4+080.000	0.09	1.19	2.56	23.25	2455.62	6946.67
4+090.000	0.13	1.13	2.68	26.24	2456.75	6972.9
4+100.000	0.18	1.58	1.44	20.62	2458.33	6993.53
4+110.000	0.21	1.96	1.26	13.53	2460.29	7007.06
4+120.000	0.26	2.37	1.07	11.65	2462.66	7018.71
4+130.000	0.33	2.98	1.73	14.02	2465.64	7032.73
4+140.000	0.45	3.91	2.46	20.95	2469.55	7053.68
4+150.000	0.42	4.33	1.03	17.43	2473.88	7071.11
4+160.000	0.37	3.94	0.83	9.27	2477.82	7080.38
4+170.000	0.34	3.54	0.91	8.67	2481.36	7089.04
4+180.000	0.33	3.32	1.02	9.64	2484.67	7098.69
4+190.000	0.28	3.03	1.01	10.17	2487.7	7108.86
4+200.000	0.25	2.63	1.42	12.16	2490.33	7121.02
4+210.000	0.24	2.42	1.83	16.25	2492.75	7137.27
4+220.000	0.25	2.42	1.95	18.93	2495.17	7156.2
4+230.000	0.29	2.68	2.05	20	2497.85	7176.21
4+240.000	0.39	3.4	2.71	23.78	2501.25	7199.99
4+250.000	0.33	3.62	1.12	19.16	2504.87	7219.15
4+260.000	0.29	3.1	1.14	11.34	2507.97	7230.49
4+270.000	0.25	2.67	1.18	11.61	2510.64	7242.1
4+280.000	0.22	2.35	1.23	12.04	2512.99	7254.14
4+290.000	0.2	2.09	2.81	20.2	2515.08	7274.34
4+300.000	0.09	1.4	2.48	26.44	2516.48	7300.78
4+310.000	0.08	0.81	2.23	23.55	2517.3	7324.33
4+320.000	0.1	0.87	2.05	21.4	2518.16	7345.73
4+330.000	0.09	0.91	2.92	24.84	2519.08	7370.57
4+340.000	0.02	0.55	2.76	28.4	2519.62	7398.97
4+350.000	0.05	0.35	2.38	25.72	2519.98	7424.69
4+360.000	0.32	1.84	1.16	17.72	2521.82	7442.41
4+370.000	0.32	3.18	1.27	12.16	2525	7454.57
4+380.000	0.27	2.94	1.61	14.43	2527.94	7469

4+390.000	0.25	2.61	2.08	18.45	2530.56	7487.45
4+400.000	0.22	2.34	2.58	23.27	2532.89	7510.71
4+410.000	0.19	2.02	2.96	27.69	2534.91	7538.4
4+420.000	0.18	1.82	2.94	29.52	2536.73	7567.92
4+430.000	0.16	1.66	2.14	25.39	2538.39	7593.32
4+440.000	0.14	1.48	2.57	23.51	2539.88	7616.83
4+450.000	0.16	1.5	2.89	27.31	2541.38	7644.14
4+460.000	0.18	1.69	2.67	27.83	2543.07	7671.97
4+470.000	0.21	1.95	2.45	25.61	2545.02	7697.57
4+480.000	0.26	2.34	2.24	23.44	2547.37	7721.01
4+490.000	0.32	2.88	2.03	21.33	2550.25	7742.35
4+500.000	0.39	3.55	1.69	18.59	2553.8	7760.94
4+510.000	0.49	4.41	1.8	17.46	2558.21	7778.4
4+520.000	0.66	5.76	1.88	18.44	2563.96	7796.83
4+530.000	0.38	5.21	0.59	12.36	2569.17	7809.2
4+540.000	0.31	3.45	0.6	5.95	2572.62	7815.14
4+550.000	0.29	2.96	0.7	6.49	2575.58	7821.63
4+560.000	0.34	3.15	0.76	7.27	2578.73	7828.91
4+570.000	0.47	4.05	0.57	6.64	2582.78	7835.55
4+580.000	0.61	5.37	0.6	5.84	2588.14	7841.39
4+590.000	0.78	6.92	0.53	5.63	2595.07	7847.02
4+600.000	1.06	9.19	0.44	4.85	2604.26	7851.88
4+610.000	1.14	11.03	0.61	5.28	2615.29	7857.15
4+620.000	1.03	10.87	1.77	11.93	2626.15	7869.09
4+630.000	0.96	9.97	0.85	13.11	2636.12	7882.2
4+640.000	0.88	9.23	0.72	7.82	2645.35	7890.02
4+650.000	0.78	8.32	0.66	6.86	2653.68	7896.88
4+660.000	0.68	7.33	0.74	6.99	2661.01	7903.87
4+670.000	0.6	6.42	0.93	8.34	2667.43	7912.21
4+680.000	0.54	5.73	0.96	9.44	2673.16	7921.66
4+690.000	0.53	5.38	1.04	10.03	2678.54	7931.69
4+700.000	0.54	5.37	1.43	12.35	2683.91	7944.04
4+710.000	0.51	5.28	2.02	17.22	2689.19	7961.25
4+720.000	0.51	5.13	3.27	26.46	2694.33	7987.71
4+730.000	0.37	4.41	1.3	22.89	2698.73	8010.6
4+740.000	0.25	3.07	0.99	11.48	2701.8	8022.09
4+750.000	0.12	1.82	1.46	12.26	2703.63	8034.34
4+760.000	0.09	1.04	1.66	15.57	2704.67	8049.91
4+770.000	0.14	1.15	1.98	18.18	2705.83	8068.09
4+780.000	0.07	1.05	0.81	13.97	2706.88	8082.06
4+790.000	0.07	0.68	2.82	18.17	2707.56	8100.23
4+800.000	0	0.33	6.72	47.68	2707.89	8147.91
4+810.000	0.16	0.8	18.28	124.97	2708.68	8272.88
4+820.000	0	0.81	4.72	115.09	2709.49	8387.97
4+830.000	0.13	0.66	3.57	41.62	2710.15	8429.59
4+840.000	0.19	1.6	3.57	35.82	2711.75	8465.41
4+850.000	0.24	2.13	3.41	34.93	2713.88	8500.34
4+860.000	0.31	2.74	3.28	33.45	2716.62	8533.79
4+870.000	0.4	3.56	2.46	28.7	2720.18	8562.49
4+880.000	0.73	5.66	2.52	24.86	2725.85	8587.35
4+890.000	0.36	5.45	2.04	22.75	2731.3	8610.1
4+900.000	0.7	5.3	4.35	31.97	2736.6	8642.08
4+910.000	0.7	7.02	1.04	26.92	2743.62	8669
4+920.000	0.7	7.03	1.11	10.67	2750.65	8679.67
4+930.000	0.79	7.48	1.76	14.27	2758.13	8693.94
4+940.000	0.9	8.51	1.37	15.54	2766.64	8709.48
4+950.000	0.95	9.3	1.28	13.11	2775.94	8722.59
4+960.000	0.98	9.69	1.06	11.58	2785.63	8734.17
4+970.000	0.24	6.13	2.2	16.17	2791.77	8750.34
4+980.000	0.12	1.79	2.87	25.19	2793.56	8775.52
4+990.000	0.21	1.65	2.12	24.81	2795.21	8800.34
5+000.000	0.47	3.4	1.49	18.04	2798.6	8818.38
5+009.455	0.67	5.4	0.24	8.15	2804	8826.53