



UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

Escola Superior d'Enginyeries Industrial,
Aeroespacial i Audiovisual de Terrassa

Study of the selectivity of a miniaturized Gas Sensor for Odour Monitoring

Documento:

Anexo III – Resultados

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Convocatoria:

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TRABAJO FIN DE ESTUDIOS



En este anexo se presenta, de forma completa, la respuesta directa de uno de los ensayos realizados durante la fase de experimentación. A continuación, también se presenta en una tabla los datos de esta respuesta modificada y adaptada según la explicación del apartado 5 de la memoria de este estudio, y finalmente se grafican las dos tablas, pertenecientes a la misma respuesta, por tal de ver la diferencia que supone el adaptar los resultados.

En primera instancia, la señal completa y sin modificar del sensor del ensayo PE1, la cual tiene una duración de 738s – 12min 18s:

Epoch_UTC	Local_Date	RH_S VM40	T_SV M40	Index_VOC	RH_R AW	T_RAW	SRAW_VO C
1661338 949.9	2022-08- 24T13:02:29.90 0000+02:00	40.230 .000	24.085 .000	0.0000 00	40.230 .000	24.085.000	65.450.000. 000
1661338 950.9	2022-08- 24T13:02:30.90 0000+02:00	40.240 .000	24.090 .000	0.0000 00	40.240 .000	24.090.000	26.597.000. 000
1661338 951.9	2022-08- 24T13:02:31.90 0000+02:00	40.250 .000	24.090 .000	0.0000 00	40.250 .000	24.090.000	27.327.000. 000
1661338 952.9	2022-08- 24T13:02:32.90 0000+02:00	40.250 .000	24.095 .000	0.0000 00	40.250 .000	24.095.000	27.756.000. 000
1661338 953.9	2022-08- 24T13:02:33.90 0000+02:00	40.230 .000	24.095 .000	0.0000 00	40.230 .000	24.095.000	28.035.000. 000
1661338 954.9	2022-08- 24T13:02:34.90 0000+02:00	40.250 .000	24.090 .000	0.0000 00	40.250 .000	24.090.000	28.110.000. 000
1661338 955.9	2022-08- 24T13:02:35.90 0000+02:00	40.300 .000	24.080 .000	0.0000 00	40.300 .000	24.080.000	28.495.000. 000
1661338 956.9	2022-08- 24T13:02:36.90 0000+02:00	40.300 .000	24.105 .000	0.0000 00	40.300 .000	24.105.000	28.730.000. 000
1661338 957.9	2022-08- 24T13:02:37.90 0000+02:00	40.290 .000	24.085 .000	0.0000 00	40.290 .000	24.085.000	28.775.000. 000
1661338 958.9	2022-08- 24T13:02:38.90 0000+02:00	40.300 .000	24.095 .000	0.0000 00	40.300 .000	24.095.000	28.826.000. 000
1661338 959.9	2022-08- 24T13:02:39.90 0000+02:00	40.270 .000	24.075 .000	0.0000 00	40.270 .000	24.075.000	29.055.000. 000
1661338 960.9	2022-08- 24T13:02:40.90 0000+02:00	40.290 .000	24.100 .000	0.0000 00	40.290 .000	24.100.000	29.063.000. 000
1661338 961.9	2022-08- 24T13:02:41.90 0000+02:00	40.290 .000	24.090 .000	0.0000 00	40.290 .000	24.090.000	29.094.000. 000
1661338 962.9	2022-08- 24T13:02:42.90 0000+02:00	40.320 .000	24.090 .000	0.0000 00	40.320 .000	24.090.000	29.143.000. 000
1661338 963.9	2022-08- 24T13:02:43.90	40.310 .000	24.085 .000	0.0000 00	40.310 .000	24.085.000	29.192.000. 000



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1661338 964.9	2022-08- 24T13:02:44.90 0000+02:00	40.300 .000	24.100 .000	0.0000 00	40.300 .000	24.100.000	29.247.000. 000
1661338 965.9	2022-08- 24T13:02:45.90 0000+02:00	40.350 .000	24.075 .000	0.0000 00	40.350 .000	24.075.000	29.291.000. 000
1661338 966.9	2022-08- 24T13:02:46.90 0000+02:00	40.300 .000	24.090 .000	0.0000 00	40.300 .000	24.090.000	29.328.000. 000
1661338 967.9	2022-08- 24T13:02:47.90 0000+02:00	40.320 .000	24.090 .000	0.0000 00	40.320 .000	24.090.000	29.375.000. 000
1661338 968.9	2022-08- 24T13:02:48.90 0000+02:00	40.310 .000	24.085 .000	0.0000 00	40.310 .000	24.085.000	29.404.000. 000
1661338 969.9	2022-08- 24T13:02:49.90 0000+02:00	40.330 .000	24.100 .000	0.0000 00	40.330 .000	24.100.000	29.435.000. 000
1661338 970.9	2022-08- 24T13:02:50.90 0000+02:00	40.330 .000	24.070 .000	0.0000 00	40.330 .000	24.070.000	29.471.000. 000
1661338 971.9	2022-08- 24T13:02:51.90 0000+02:00	40.330 .000	24.110 .000	0.0000 00	40.330 .000	24.110.000	29.504.000. 000
1661338 972.9	2022-08- 24T13:02:52.90 0000+02:00	40.340 .000	24.095 .000	0.0000 00	40.340 .000	24.095.000	29.535.000. 000
1661338 973.9	2022-08- 24T13:02:53.90 0000+02:00	40.330 .000	24.085 .000	0.0000 00	40.330 .000	24.085.000	29.562.000. 000
1661338 974.9	2022-08- 24T13:02:54.90 0000+02:00	40.330 .000	24.090 .000	0.0000 00	40.330 .000	24.090.000	29.587.000. 000
1661338 975.9	2022-08- 24T13:02:55.90 0000+02:00	40.380 .000	24.085 .000	0.0000 00	40.380 .000	24.085.000	29.601.000. 000
1661338 976.9	2022-08- 24T13:02:56.90 0000+02:00	40.390 .000	24.085 .000	0.0000 00	40.390 .000	24.085.000	29.616.000. 000
1661338 977.9	2022-08- 24T13:02:57.90 0000+02:00	40.350 .000	24.085 .000	0.0000 00	40.350 .000	24.085.000	29.637.000. 000
1661338 978.9	2022-08- 24T13:02:58.90 0000+02:00	40.390 .000	24.075 .000	0.0000 00	40.390 .000	24.075.000	29.638.000. 000
1661338 979.9	2022-08- 24T13:02:59.90 0000+02:00	40.370 .000	24.070 .000	0.0000 00	40.370 .000	24.070.000	29.671.000. 000
1661338 980.9	2022-08- 24T13:03:00.90 0000+02:00	40.380 .000	24.085 .000	0.0000 00	40.380 .000	24.085.000	29.685.000. 000
1661338 981.9	2022-08- 24T13:03:01.90 0000+02:00	40.400 .000	24.100 .000	0.0000 00	40.400 .000	24.100.000	29.702.000. 000
1661338 982.9	2022-08- 24T13:03:02.90	40.390 .000	24.075 .000	0.0000 00	40.390 .000	24.075.000	29.723.000. 000



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1661338 983.9	2022-08- 24T13:03:03.90 0000+02:00	40.410 .000	24.085 .000	0.0000 00	40.410 .000	24.085.000	29.726.000. 000
1661338 984.9	2022-08- 24T13:03:04.90 0000+02:00	40.390 .000	24.065 .000	0.0000 00	40.390 .000	24.065.000	29.739.000. 000
1661338 985.9	2022-08- 24T13:03:05.90 0000+02:00	40.390 .000	24.070 .000	0.0000 00	40.390 .000	24.070.000	29.741.000. 000
1661338 986.9	2022-08- 24T13:03:06.90 0000+02:00	40.410 .000	24.070 .000	0.0000 00	40.410 .000	24.070.000	29.756.000. 000
1661338 987.9	2022-08- 24T13:03:07.90 0000+02:00	40.430 .000	24.090 .000	0.0000 00	40.430 .000	24.090.000	29.763.000. 000
1661338 988.9	2022-08- 24T13:03:08.90 0000+02:00	40.400 .000	24.075 .000	0.0000 00	40.400 .000	24.075.000	29.778.000. 000
1661338 989.9	2022-08- 24T13:03:09.90 0000+02:00	40.440 .000	24.095 .000	0.0000 00	40.440 .000	24.095.000	29.793.000. 000
1661338 990.9	2022-08- 24T13:03:10.90 0000+02:00	40.410 .000	24.060 .000	0.0000 00	40.410 .000	24.060.000	29.813.000. 000
1661338 991.9	2022-08- 24T13:03:11.90 0000+02:00	40.450 .000	24.085 .000	0.0000 00	40.450 .000	24.085.000	29.816.000. 000
1661338 992.9	2022-08- 24T13:03:12.90 0000+02:00	40.430 .000	24.070 .000	0.0000 00	40.430 .000	24.070.000	29.819.000. 000
1661338 993.9	2022-08- 24T13:03:13.90 0000+02:00	40.430 .000	24.075 .000	0.0000 00	40.430 .000	24.075.000	29.822.000. 000
1661338 994.9	2022-08- 24T13:03:14.90 0000+02:00	40.440 .000	24.090 .000	1.000.0 00	40.440 .000	24.090.000	29.829.000. 000
1661338 995.9	2022-08- 24T13:03:15.90 0000+02:00	40.460 .000	24.095 .000	1.000.0 00	40.460 .000	24.095.000	29.833.000. 000
1661338 996.9	2022-08- 24T13:03:16.90 0000+02:00	40.460 .000	24.060 .000	1.000.0 00	40.460 .000	24.060.000	29.838.000. 000
1661338 997.9	2022-08- 24T13:03:17.90 0000+02:00	40.480 .000	24.090 .000	3.000.0 00	40.480 .000	24.090.000	29.833.000. 000
1661338 998.9	2022-08- 24T13:03:18.90 0000+02:00	40.500 .000	24.095 .000	5.000.0 00	40.500 .000	24.095.000	29.844.000. 000
1661338 999.9	2022-08- 24T13:03:19.90 0000+02:00	40.450 .000	24.085 .000	8.000.0 00	40.450 .000	24.085.000	29.849.000. 000
1661339 000.9	2022-08- 24T13:03:20.90 0000+02:00	40.500 .000	24.075 .000	11.000. 000	40.500 .000	24.075.000	29.855.000. 000
1661339 001.9	2022-08- 24T13:03:21.90	40.500 .000	24.090 .000	15.000. 000	40.500 .000	24.090.000	29.854.000. 000



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1661339 002.9	2022-08- 24T13:03:22.90 0000+02:00	40.520 .000	24.080 .000	18.000. 000	40.520 .000	24.080.000	29.863.000. 000
1661339 003.9	2022-08- 24T13:03:23.90 0000+02:00	40.470 .000	24.075 .000	21.000. 000	40.470 .000	24.075.000	29.878.000. 000
1661339 004.9	2022-08- 24T13:03:24.90 0000+02:00	40.500 .000	24.095 .000	24.000. 000	40.500 .000	24.095.000	29.883.000. 000
1661339 005.9	2022-08- 24T13:03:25.90 0000+02:00	40.540 .000	24.070 .000	26.000. 000	40.540 .000	24.070.000	29.883.000. 000
1661339 006.9	2022-08- 24T13:03:26.90 0000+02:00	40.500 .000	24.075 .000	29.000. 000	40.500 .000	24.075.000	29.882.000. 000
1661339 007.9	2022-08- 24T13:03:27.90 0000+02:00	40.500 .000	24.065 .000	32.000. 000	40.500 .000	24.065.000	29.883.000. 000
1661339 008.9	2022-08- 24T13:03:28.90 0000+02:00	40.520 .000	24.085 .000	34.000. 000	40.520 .000	24.085.000	29.880.000. 000
1661339 009.9	2022-08- 24T13:03:29.90 0000+02:00	40.530 .000	24.075 .000	36.000. 000	40.530 .000	24.075.000	29.897.000. 000
1661339 010.9	2022-08- 24T13:03:30.90 0000+02:00	40.520 .000	24.065 .000	38.000. 000	40.520 .000	24.065.000	29.903.000. 000
1661339 011.9	2022-08- 24T13:03:31.90 0000+02:00	40.520 .000	24.070 .000	40.000. 000	40.520 .000	24.070.000	29.896.000. 000
1661339 012.9	2022-08- 24T13:03:32.90 0000+02:00	40.530 .000	24.080 .000	42.000. 000	40.530 .000	24.080.000	29.905.000. 000
1661339 013.9	2022-08- 24T13:03:33.90 0000+02:00	40.520 .000	24.070 .000	44.000. 000	40.520 .000	24.070.000	29.892.000. 000
1661339 014.9	2022-08- 24T13:03:34.90 0000+02:00	40.530 .000	24.080 .000	46.000. 000	40.530 .000	24.080.000	29.903.000. 000
1661339 015.9	2022-08- 24T13:03:35.90 0000+02:00	40.550 .000	24.085 .000	48.000. 000	40.550 .000	24.085.000	29.915.000. 000
1661339 016.9	2022-08- 24T13:03:36.90 0000+02:00	40.580 .000	24.070 .000	49.000. 000	40.580 .000	24.070.000	29.922.000. 000
1661339 017.9	2022-08- 24T13:03:37.90 0000+02:00	40.560 .000	24.060 .000	50.000. 000	40.560 .000	24.060.000	29.931.000. 000
1661339 018.9	2022-08- 24T13:03:38.90 0000+02:00	40.590 .000	24.065 .000	51.000. 000	40.590 .000	24.065.000	29.934.000. 000
1661339 019.9	2022-08- 24T13:03:39.90 0000+02:00	40.580 .000	24.070 .000	52.000. 000	40.580 .000	24.070.000	29.939.000. 000
1661339 020.9	2022-08- 24T13:03:40.90	40.570 .000	24.080 .000	54.000. 000	40.570 .000	24.080.000	29.929.000. 000



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1661339 021.9	2022-08- 24T13:03:41.90 0000+02:00	40.560 .000	24.075 .000	55.000. 000	40.560 .000	24.075.000	29.920.000. 000
1661339 022.9	2022-08- 24T13:03:42.90 0000+02:00	40.580 .000	24.090 .000	56.000. 000	40.580 .000	24.090.000	29.921.000. 000
1661339 023.9	2022-08- 24T13:03:43.90 0000+02:00	40.550 .000	24.085 .000	58.000. 000	40.550 .000	24.085.000	29.930.000. 000
1661339 024.9	2022-08- 24T13:03:44.90 0000+02:00	40.540 .000	24.085 .000	58.000. 000	40.540 .000	24.085.000	29.941.000. 000
1661339 025.9	2022-08- 24T13:03:45.90 0000+02:00	40.570 .000	24.070 .000	59.000. 000	40.570 .000	24.070.000	29.941.000. 000
1661339 026.9	2022-08- 24T13:03:46.90 0000+02:00	40.570 .000	24.085 .000	60.000. 000	40.570 .000	24.085.000	29.934.000. 000
1661339 027.9	2022-08- 24T13:03:47.90 0000+02:00	40.590 .000	24.075 .000	61.000. 000	40.590 .000	24.075.000	29.941.000. 000
1661339 028.9	2022-08- 24T13:03:48.90 0000+02:00	40.610 .000	24.060 .000	62.000. 000	40.610 .000	24.060.000	29.946.000. 000
1661339 029.9	2022-08- 24T13:03:49.90 0000+02:00	40.600 .000	24.085 .000	63.000. 000	40.600 .000	24.085.000	29.949.000. 000
1661339 030.9	2022-08- 24T13:03:50.90 0000+02:00	40.590 .000	24.085 .000	64.000. 000	40.590 .000	24.085.000	29.945.000. 000
1661339 031.9	2022-08- 24T13:03:51.90 0000+02:00	40.600 .000	24.090 .000	65.000. 000	40.600 .000	24.090.000	29.946.000. 000
1661339 032.9	2022-08- 24T13:03:52.90 0000+02:00	40.600 .000	24.095 .000	65.000. 000	40.600 .000	24.095.000	29.951.000. 000
1661339 033.9	2022-08- 24T13:03:53.90 0000+02:00	40.590 .000	24.075 .000	67.000. 000	40.590 .000	24.075.000	29.936.000. 000
1661339 034.9	2022-08- 24T13:03:54.90 0000+02:00	40.630 .000	24.080 .000	67.000. 000	40.630 .000	24.080.000	29.951.000. 000
1661339 035.9	2022-08- 24T13:03:55.90 0000+02:00	40.630 .000	24.080 .000	68.000. 000	40.630 .000	24.080.000	29.959.000. 000
1661339 036.9	2022-08- 24T13:03:56.90 0000+02:00	40.650 .000	24.060 .000	68.000. 000	40.650 .000	24.060.000	29.958.000. 000
1661339 037.9	2022-08- 24T13:03:57.90 0000+02:00	40.590 .000	24.080 .000	69.000. 000	40.590 .000	24.080.000	29.951.000. 000
1661339 038.9	2022-08- 24T13:03:58.90 0000+02:00	40.650 .000	24.095 .000	70.000. 000	40.650 .000	24.095.000	29.952.000. 000
1661339 039.9	2022-08- 24T13:03:59.90	40.640 .000	24.080 .000	71.000. 000	40.640 .000	24.080.000	29.953.000. 000



0000+02:00							
1661339 040.9	2022-08- 24T13:04:00.90 0000+02:00	40.650 .000	24.085 .000	71.000. 000	40.650 .000	24.085.000	29.955.000. 000
1661339 041.9	2022-08- 24T13:04:01.90 0000+02:00	40.650 .000	24.075 .000	72.000. 000	40.650 .000	24.075.000	29.958.000. 000
1661339 042.9	2022-08- 24T13:04:02.90 0000+02:00	40.640 .000	24.060 .000	73.000. 000	40.640 .000	24.060.000	29.963.000. 000
1661339 043.9	2022-08- 24T13:04:03.90 0000+02:00	40.640 .000	24.090 .000	73.000. 000	40.640 .000	24.090.000	29.978.000. 000
1661339 044.9	2022-08- 24T13:04:04.90 0000+02:00	40.650 .000	24.075 .000	73.000. 000	40.650 .000	24.075.000	29.979.000. 000
1661339 045.9	2022-08- 24T13:04:05.90 0000+02:00	40.630 .000	24.050 .000	73.000. 000	40.630 .000	24.050.000	29.987.000. 000
1661339 046.9	2022-08- 24T13:04:06.90 0000+02:00	40.660 .000	24.060 .000	74.000. 000	40.660 .000	24.060.000	29.980.000. 000
1661339 047.9	2022-08- 24T13:04:07.90 0000+02:00	40.680 .000	24.080 .000	74.000. 000	40.680 .000	24.080.000	29.981.000. 000
1661339 048.9	2022-08- 24T13:04:08.90 0000+02:00	40.660 .000	24.070 .000	74.000. 000	40.660 .000	24.070.000	29.988.000. 000
1661339 049.9	2022-08- 24T13:04:09.90 0000+02:00	40.690 .000	24.085 .000	75.000. 000	40.690 .000	24.085.000	29.975.000. 000
1661339 050.9	2022-08- 24T13:04:10.90 0000+02:00	40.680 .000	24.070 .000	76.000. 000	40.680 .000	24.070.000	29.963.000. 000
1661339 051.9	2022-08- 24T13:04:11.90 0000+02:00	40.700 .000	24.085 .000	76.000. 000	40.700 .000	24.085.000	29.968.000. 000
1661339 052.9	2022-08- 24T13:04:12.90 0000+02:00	40.660 .000	24.070 .000	77.000. 000	40.660 .000	24.070.000	29.973.000. 000
1661339 053.9	2022-08- 24T13:04:13.90 0000+02:00	40.710 .000	24.080 .000	77.000. 000	40.710 .000	24.080.000	29.972.000. 000
1661339 054.9	2022-08- 24T13:04:14.90 0000+02:00	40.720 .000	24.080 .000	78.000. 000	40.720 .000	24.080.000	29.975.000. 000
1661339 055.9	2022-08- 24T13:04:15.90 0000+02:00	40.690 .000	24.070 .000	78.000. 000	40.690 .000	24.070.000	29.975.000. 000
1661339 056.9	2022-08- 24T13:04:16.90 0000+02:00	40.690 .000	24.060 .000	79.000. 000	40.690 .000	24.060.000	29.976.000. 000
1661339 057.9	2022-08- 24T13:04:17.90 0000+02:00	40.730 .000	24.085 .000	79.000. 000	40.730 .000	24.085.000	29.983.000. 000
1661339 058.9	2022-08- 24T13:04:18.90	40.710 .000	24.080 .000	79.000. 000	40.710 .000	24.080.000	29.988.000. 000



0000+02:00							
1661339 059.9	2022-08- 24T13:04:19.90 0000+02:00	40.680 .000	24.065 .000	80.000. 000	40.680 .000	24.065.000	29.985.000. 000
1661339 060.9	2022-08- 24T13:04:20.90 0000+02:00	40.700 .000	24.065 .000	80.000. 000	40.700 .000	24.065.000	29.991.000. 000
1661339 061.9	2022-08- 24T13:04:21.90 0000+02:00	40.730 .000	24.075 .000	80.000. 000	40.730 .000	24.075.000	29.986.000. 000
1661339 062.9	2022-08- 24T13:04:22.90 0000+02:00	40.740 .000	24.085 .000	81.000. 000	40.740 .000	24.085.000	29.989.000. 000
1661339 063.9	2022-08- 24T13:04:23.90 0000+02:00	40.740 .000	24.065 .000	81.000. 000	40.740 .000	24.065.000	29.990.000. 000
1661339 064.9	2022-08- 24T13:04:24.90 0000+02:00	40.720 .000	24.065 .000	81.000. 000	40.720 .000	24.065.000	30.001.000. 000
1661339 065.9	2022-08- 24T13:04:25.90 0000+02:00	40.770 .000	24.065 .000	81.000. 000	40.770 .000	24.065.000	29.997.000. 000
1661339 066.9	2022-08- 24T13:04:26.90 0000+02:00	40.760 .000	24.070 .000	82.000. 000	40.760 .000	24.070.000	29.982.000. 000
1661339 067.9	2022-08- 24T13:04:27.90 0000+02:00	40.750 .000	24.090 .000	82.000. 000	40.750 .000	24.090.000	29.987.000. 000
1661339 068.9	2022-08- 24T13:04:28.90 0000+02:00	40.760 .000	24.070 .000	83.000. 000	40.760 .000	24.070.000	29.990.000. 000
1661339 069.9	2022-08- 24T13:04:29.90 0000+02:00	40.770 .000	24.075 .000	83.000. 000	40.770 .000	24.075.000	29.991.000. 000
1661339 070.9	2022-08- 24T13:04:30.90 0000+02:00	40.740 .000	24.070 .000	84.000. 000	40.740 .000	24.070.000	29.985.000. 000
1661339 071.9	2022-08- 24T13:04:31.90 0000+02:00	40.770 .000	24.075 .000	84.000. 000	40.770 .000	24.075.000	29.980.000. 000
1661339 072.9	2022-08- 24T13:04:32.90 0000+02:00	40.790 .000	24.080 .000	85.000. 000	40.790 .000	24.080.000	29.985.000. 000
1661339 073.9	2022-08- 24T13:04:33.90 0000+02:00	40.760 .000	24.085 .000	85.000. 000	40.760 .000	24.085.000	29.982.000. 000
1661339 074.9	2022-08- 24T13:04:34.90 0000+02:00	40.740 .000	24.075 .000	86.000. 000	40.740 .000	24.075.000	29.981.000. 000
1661339 075.9	2022-08- 24T13:04:35.90 0000+02:00	40.760 .000	24.060 .000	86.000. 000	40.760 .000	24.060.000	29.995.000. 000
1661339 076.9	2022-08- 24T13:04:36.90 0000+02:00	40.770 .000	24.070 .000	86.000. 000	40.770 .000	24.070.000	29.994.000. 000
1661339 077.9	2022-08- 24T13:04:37.90	40.770 .000	24.070 .000	86.000. 000	40.770 .000	24.070.000	29.991.000. 000



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1661339 078.9	2022-08- 24T13:04:38.90 0000+02:00	40.770 .000	24.085 .000	87.000. 000	40.770 .000	24.085.000	29.996.000. 000
1661339 079.9	2022-08- 24T13:04:39.90 0000+02:00	40.760 .000	24.060 .000	87.000. 000	40.760 .000	24.060.000	29.993.000. 000
1661339 080.9	2022-08- 24T13:04:40.90 0000+02:00	40.800 .000	24.080 .000	87.000. 000	40.800 .000	24.080.000	30.005.000. 000
1661339 081.9	2022-08- 24T13:04:41.90 0000+02:00	40.780 .000	24.080 .000	87.000. 000	40.780 .000	24.080.000	30.002.000. 000
1661339 082.9	2022-08- 24T13:04:42.90 0000+02:00	40.790 .000	24.085 .000	87.000. 000	40.790 .000	24.085.000	29.999.000. 000
1661339 083.9	2022-08- 24T13:04:43.90 0000+02:00	40.820 .000	24.095 .000	88.000. 000	40.820 .000	24.095.000	29.998.000. 000
1661339 084.9	2022-08- 24T13:04:44.90 0000+02:00	40.800 .000	24.075 .000	88.000. 000	40.800 .000	24.075.000	29.999.000. 000
1661339 085.9	2022-08- 24T13:04:45.90 0000+02:00	40.820 .000	24.095 .000	88.000. 000	40.820 .000	24.095.000	29.991.000. 000
1661339 086.9	2022-08- 24T13:04:46.90 0000+02:00	40.810 .000	24.070 .000	88.000. 000	40.810 .000	24.070.000	29.994.000. 000
1661339 087.9	2022-08- 24T13:04:47.90 0000+02:00	40.800 .000	24.085 .000	89.000. 000	40.800 .000	24.085.000	29.995.000. 000
1661339 088.9	2022-08- 24T13:04:48.90 0000+02:00	40.810 .000	24.065 .000	89.000. 000	40.810 .000	24.065.000	29.994.000. 000
1661339 089.9	2022-08- 24T13:04:49.90 0000+02:00	40.800 .000	24.090 .000	89.000. 000	40.800 .000	24.090.000	29.993.000. 000
1661339 090.9	2022-08- 24T13:04:50.90 0000+02:00	40.770 .000	24.085 .000	90.000. 000	40.770 .000	24.085.000	29.993.000. 000
1661339 091.9	2022-08- 24T13:04:51.90 0000+02:00	40.820 .000	24.090 .000	90.000. 000	40.820 .000	24.090.000	29.982.000. 000
1661339 092.9	2022-08- 24T13:04:52.90 0000+02:00	40.780 .000	24.085 .000	91.000. 000	40.780 .000	24.085.000	29.997.000. 000
1661339 093.9	2022-08- 24T13:04:53.90 0000+02:00	40.830 .000	24.085 .000	91.000. 000	40.830 .000	24.085.000	30.002.000. 000
1661339 094.9	2022-08- 24T13:04:54.90 0000+02:00	40.820 .000	24.075 .000	91.000. 000	40.820 .000	24.075.000	30.001.000. 000
1661339 095.9	2022-08- 24T13:04:55.90 0000+02:00	40.840 .000	24.055 .000	91.000. 000	40.840 .000	24.055.000	30.007.000. 000
1661339 096.9	2022-08- 24T13:04:56.90	40.830 .000	24.075 .000	91.000. 000	40.830 .000	24.075.000	30.004.000. 000



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1661339 097.9	2022-08- 24T13:04:57.90 0000+02:00	40.840 .000	24.075 .000	91.000. 000	40.840 .000	24.075.000	30.009.000. 000
1661339 098.9	2022-08- 24T13:04:58.90 0000+02:00	40.850 .000	24.085 .000	91.000. 000	40.850 .000	24.085.000	30.012.000. 000
1661339 099.9	2022-08- 24T13:04:59.90 0000+02:00	40.830 .000	24.070 .000	91.000. 000	40.830 .000	24.070.000	30.015.000. 000
1661339 100.9	2022-08- 24T13:05:00.90 0000+02:00	40.830 .000	24.095 .000	91.000. 000	40.830 .000	24.095.000	30.001.000. 000
1661339 101.9	2022-08- 24T13:05:01.90 0000+02:00	40.870 .000	24.075 .000	91.000. 000	40.870 .000	24.075.000	30.006.000. 000
1661339 102.9	2022-08- 24T13:05:02.90 0000+02:00	40.850 .000	24.070 .000	91.000. 000	40.850 .000	24.070.000	30.013.000. 000
1661339 103.9	2022-08- 24T13:05:03.90 0000+02:00	40.860 .000	24.090 .000	91.000. 000	40.860 .000	24.090.000	30.010.000. 000
1661339 104.9	2022-08- 24T13:05:04.90 0000+02:00	40.860 .000	24.090 .000	91.000. 000	40.860 .000	24.090.000	30.011.000. 000
1661339 105.9	2022-08- 24T13:05:05.90 0000+02:00	40.890 .000	24.065 .000	92.000. 000	40.890 .000	24.065.000	29.999.000. 000
1661339 106.9	2022-08- 24T13:05:06.90 0000+02:00	40.860 .000	24.085 .000	92.000. 000	40.860 .000	24.085.000	30.010.000. 000
1661339 107.9	2022-08- 24T13:05:07.90 0000+02:00	40.840 .000	24.080 .000	92.000. 000	40.840 .000	24.080.000	30.011.000. 000
1661339 108.9	2022-08- 24T13:05:08.90 0000+02:00	40.860 .000	24.060 .000	92.000. 000	40.860 .000	24.060.000	30.018.000. 000
1661339 109.9	2022-08- 24T13:05:09.90 0000+02:00	40.870 .000	24.090 .000	92.000. 000	40.870 .000	24.090.000	30.019.000. 000
1661339 110.9	2022-08- 24T13:05:10.90 0000+02:00	40.890 .000	24.095 .000	92.000. 000	40.890 .000	24.095.000	30.013.000. 000
1661339 111.9	2022-08- 24T13:05:11.90 0000+02:00	40.880 .000	24.075 .000	92.000. 000	40.880 .000	24.075.000	30.004.000. 000
1661339 112.9	2022-08- 24T13:05:12.90 0000+02:00	40.880 .000	24.075 .000	92.000. 000	40.880 .000	24.075.000	30.009.000. 000
1661339 113.9	2022-08- 24T13:05:13.90 0000+02:00	40.910 .000	24.085 .000	93.000. 000	40.910 .000	24.085.000	30.014.000. 000
1661339 114.9	2022-08- 24T13:05:14.90 0000+02:00	40.900 .000	24.050 .000	93.000. 000	40.900 .000	24.050.000	30.001.000. 000
1661339 115.9	2022-08- 24T13:05:15.90	40.850 .000	24.080 .000	93.000. 000	40.850 .000	24.080.000	29.995.000. 000



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1661339 116.9	2022-08- 24T13:05:16.90 0000+02:00	40.860 .000	24.085 .000	94.000. 000	40.860 .000	24.085.000	30.006.000. 000
1661339 117.9	2022-08- 24T13:05:17.90 0000+02:00	40.890 .000	24.070 .000	94.000. 000	40.890 .000	24.070.000	30.005.000. 000
1661339 118.9	2022-08- 24T13:05:18.90 0000+02:00	40.890 .000	24.085 .000	94.000. 000	40.890 .000	24.085.000	30.004.000. 000
1661339 119.9	2022-08- 24T13:05:19.90 0000+02:00	40.910 .000	24.070 .000	94.000. 000	40.910 .000	24.070.000	30.007.000. 000
1661339 120.9	2022-08- 24T13:05:20.90 0000+02:00	40.900 .000	24.090 .000	94.000. 000	40.900 .000	24.090.000	30.003.000. 000
1661339 121.9	2022-08- 24T13:05:21.90 0000+02:00	40.870 .000	24.075 .000	95.000. 000	40.870 .000	24.075.000	30.006.000. 000
1661339 122.9	2022-08- 24T13:05:22.90 0000+02:00	40.930 .000	24.075 .000	95.000. 000	40.930 .000	24.075.000	30.011.000. 000
1661339 123.9	2022-08- 24T13:05:23.90 0000+02:00	40.890 .000	24.085 .000	95.000. 000	40.890 .000	24.085.000	30.008.000. 000
1661339 124.9	2022-08- 24T13:05:24.90 0000+02:00	40.930 .000	24.080 .000	95.000. 000	40.930 .000	24.080.000	29.999.000. 000
1661339 125.9	2022-08- 24T13:05:25.90 0000+02:00	40.900 .000	24.095 .000	96.000. 000	40.900 .000	24.095.000	29.993.000. 000
1661339 126.9	2022-08- 24T13:05:26.90 0000+02:00	40.910 .000	24.060 .000	96.000. 000	40.910 .000	24.060.000	29.988.000. 000
1661339 127.9	2022-08- 24T13:05:27.90 0000+02:00	40.890 .000	24.090 .000	96.000. 000	40.890 .000	24.090.000	30.003.000. 000
1661339 128.9	2022-08- 24T13:05:28.90 0000+02:00	40.910 .000	24.070 .000	96.000. 000	40.910 .000	24.070.000	30.010.000. 000
1661339 129.9	2022-08- 24T13:05:29.90 0000+02:00	40.880 .000	24.075 .000	96.000. 000	40.880 .000	24.075.000	30.009.000. 000
1661339 130.9	2022-08- 24T13:05:30.90 0000+02:00	40.920 .000	24.085 .000	96.000. 000	40.920 .000	24.085.000	30.017.000. 000
1661339 131.9	2022-08- 24T13:05:31.90 0000+02:00	40.950 .000	24.085 .000	96.000. 000	40.950 .000	24.085.000	30.012.000. 000
1661339 132.9	2022-08- 24T13:05:32.90 0000+02:00	40.920 .000	24.085 .000	96.000. 000	40.920 .000	24.085.000	30.013.000. 000
1661339 133.9	2022-08- 24T13:05:33.90 0000+02:00	40.930 .000	24.085 .000	96.000. 000	40.930 .000	24.085.000	30.012.000. 000
1661339 134.9	2022-08- 24T13:05:34.90	40.970 .000	24.105 .000	96.000. 000	40.970 .000	24.105.000	30.019.000. 000



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1661339 135.9	2022-08- 24T13:05:35.90 0000+02:00	40.920 .000	24.085 .000	96.000. 000	40.920 .000	24.085.000	30.009.000. 000
1661339 136.9	2022-08- 24T13:05:36.90 0000+02:00	40.940 .000	24.085 .000	96.000. 000	40.940 .000	24.085.000	30.002.000. 000
1661339 137.9	2022-08- 24T13:05:37.90 0000+02:00	40.970 .000	24.085 .000	97.000. 000	40.970 .000	24.085.000	30.003.000. 000
1661339 138.9	2022-08- 24T13:05:38.90 0000+02:00	40.950 .000	24.085 .000	97.000. 000	40.950 .000	24.085.000	30.008.000. 000
1661339 139.9	2022-08- 24T13:05:39.90 0000+02:00	40.940 .000	24.080 .000	97.000. 000	40.940 .000	24.080.000	30.011.000. 000
1661339 140.9	2022-08- 24T13:05:40.90 0000+02:00	40.950 .000	24.100 .000	97.000. 000	40.950 .000	24.100.000	30.015.000. 000
1661339 141.9	2022-08- 24T13:05:41.90 0000+02:00	40.920 .000	24.100 .000	97.000. 000	40.920 .000	24.100.000	30.012.000. 000
1661339 142.9	2022-08- 24T13:05:42.90 0000+02:00	40.980 .000	24.075 .000	97.000. 000	40.980 .000	24.075.000	30.013.000. 000
1661339 143.9	2022-08- 24T13:05:43.90 0000+02:00	40.950 .000	24.100 .000	97.000. 000	40.950 .000	24.100.000	30.006.000. 000
1661339 144.9	2022-08- 24T13:05:44.90 0000+02:00	40.950 .000	24.100 .000	97.000. 000	40.950 .000	24.100.000	30.011.000. 000
1661339 145.9	2022-08- 24T13:05:45.90 0000+02:00	40.960 .000	24.090 .000	97.000. 000	40.960 .000	24.090.000	29.997.000. 000
1661339 146.9	2022-08- 24T13:05:46.90 0000+02:00	40.970 .000	24.095 .000	98.000. 000	40.970 .000	24.095.000	30.004.000. 000
1661339 147.9	2022-08- 24T13:05:47.90 0000+02:00	40.970 .000	24.090 .000	98.000. 000	40.970 .000	24.090.000	29.999.000. 000
1661339 148.9	2022-08- 24T13:05:48.90 0000+02:00	40.960 .000	24.085 .000	98.000. 000	40.960 .000	24.085.000	30.008.000. 000
1661339 149.9	2022-08- 24T13:05:49.90 0000+02:00	40.970 .000	24.080 .000	98.000. 000	40.970 .000	24.080.000	30.005.000. 000
1661339 150.9	2022-08- 24T13:05:50.90 0000+02:00	40.980 .000	24.085 .000	98.000. 000	40.980 .000	24.085.000	30.003.000. 000
1661339 151.9	2022-08- 24T13:05:51.90 0000+02:00	40.960 .000	24.075 .000	99.000. 000	40.960 .000	24.075.000	29.994.000. 000
1661339 152.9	2022-08- 24T13:05:52.90 0000+02:00	40.980 .000	24.090 .000	99.000. 000	40.980 .000	24.090.000	29.993.000. 000
1661339 153.9	2022-08- 24T13:05:53.90	40.990 .000	24.095 .000	99.000. 000	40.990 .000	24.095.000	30.014.000. 000



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1661339 154.9	2022-08- 24T13:05:54.90 0000+02:00	40.990 .000	24.090 .000	99.000. 000	40.990 .000	24.090.000	30.009.000. 000
1661339 155.9	2022-08- 24T13:05:55.90 0000+02:00	41.010 .000	24.085 .000	99.000. 000	41.010 .000	24.085.000	30.011.000. 000
1661339 156.9	2022-08- 24T13:05:56.90 0000+02:00	41.010 .000	24.090 .000	99.000. 000	41.010 .000	24.090.000	30.000.000. 000
1661339 157.9	2022-08- 24T13:05:57.90 0000+02:00	40.990 .000	24.095 .000	99.000. 000	40.990 .000	24.095.000	30.003.000. 000
1661339 158.9	2022-08- 24T13:05:58.90 0000+02:00	41.010 .000	24.085 .000	99.000. 000	41.010 .000	24.085.000	30.006.000. 000
1661339 159.9	2022-08- 24T13:05:59.90 0000+02:00	41.010 .000	24.085 .000	99.000. 000	41.010 .000	24.085.000	30.007.000. 000
1661339 160.9	2022-08- 24T13:06:00.90 0000+02:00	41.010 .000	24.095 .000	99.000. 000	41.010 .000	24.095.000	30.001.000. 000
1661339 161.9	2022-08- 24T13:06:01.90 0000+02:00	41.010 .000	24.100 .000	99.000. 000	41.010 .000	24.100.000	30.012.000. 000
1661339 162.9	2022-08- 24T13:06:02.90 0000+02:00	40.980 .000	24.095 .000	99.000. 000	40.980 .000	24.095.000	30.009.000. 000
1661339 163.9	2022-08- 24T13:06:03.90 0000+02:00	40.980 .000	24.085 .000	99.000. 000	40.980 .000	24.085.000	30.010.000. 000
1661339 164.9	2022-08- 24T13:06:04.90 0000+02:00	41.040 .000	24.100 .000	99.000. 000	41.040 .000	24.100.000	30.009.000. 000
1661339 165.9	2022-08- 24T13:06:05.90 0000+02:00	41.010 .000	24.090 .000	99.000. 000	41.010 .000	24.090.000	30.011.000. 000
1661339 166.9	2022-08- 24T13:06:06.90 0000+02:00	41.020 .000	24.085 .000	99.000. 000	41.020 .000	24.085.000	30.000.000. 000
1661339 167.9	2022-08- 24T13:06:07.90 0000+02:00	41.020 .000	24.100 .000	99.000. 000	41.020 .000	24.100.000	30.011.000. 000
1661339 168.9	2022-08- 24T13:06:08.90 0000+02:00	41.010 .000	24.090 .000	99.000. 000	41.010 .000	24.090.000	30.010.000. 000
1661339 169.9	2022-08- 24T13:06:09.90 0000+02:00	41.020 .000	24.115 .000	99.000. 000	41.020 .000	24.115.000	30.007.000. 000
1661339 170.9	2022-08- 24T13:06:10.90 0000+02:00	41.050 .000	24.085 .000	99.000. 000	41.050 .000	24.085.000	30.019.000. 000
1661339 171.9	2022-08- 24T13:06:11.90 0000+02:00	41.000 .000	24.085 .000	99.000. 000	41.000 .000	24.085.000	30.022.000. 000
1661339 172.9	2022-08- 24T13:06:12.90	41.010 .000	24.085 .000	98.000. 000	41.010 .000	24.085.000	30.023.000. 000



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1661339 173.9	2022-08- 24T13:06:13.90 0000+02:00	41.020 .000	24.090 .000	99.000. 000	41.020 .000	24.090.000	30.000.000. 000
1661339 174.9	2022-08- 24T13:06:14.90 0000+02:00	40.990 .000	24.100 .000	99.000. 000	40.990 .000	24.100.000	29.997.000. 000
1661339 175.9	2022-08- 24T13:06:15.90 0000+02:00	41.040 .000	24.085 .000	99.000. 000	41.040 .000	24.085.000	29.991.000. 000
1661339 176.9	2022-08- 24T13:06:16.90 0000+02:00	41.040 .000	24.085 .000	100.00 0.000	41.040 .000	24.085.000	29.998.000. 000
1661339 177.9	2022-08- 24T13:06:17.90 0000+02:00	41.080 .000	24.085 .000	100.00 0.000	41.080 .000	24.085.000	30.003.000. 000
1661339 178.9	2022-08- 24T13:06:18.90 0000+02:00	41.040 .000	24.065 .000	100.00 0.000	41.040 .000	24.065.000	30.000.000. 000
1661339 179.9	2022-08- 24T13:06:19.90 0000+02:00	41.050 .000	24.085 .000	100.00 0.000	41.050 .000	24.085.000	30.011.000. 000
1661339 180.9	2022-08- 24T13:06:20.90 0000+02:00	41.080 .000	24.100 .000	100.00 0.000	41.080 .000	24.100.000	30.011.000. 000
1661339 181.9	2022-08- 24T13:06:21.90 0000+02:00	41.060 .000	24.090 .000	100.00 0.000	41.060 .000	24.090.000	30.000.000. 000
1661339 182.9	2022-08- 24T13:06:22.90 0000+02:00	41.030 .000	24.085 .000	100.00 0.000	41.030 .000	24.085.000	29.997.000. 000
1661339 183.9	2022-08- 24T13:06:23.90 0000+02:00	41.060 .000	24.100 .000	100.00 0.000	41.060 .000	24.100.000	29.998.000. 000
1661339 184.9	2022-08- 24T13:06:24.90 0000+02:00	41.040 .000	24.090 .000	100.00 0.000	41.040 .000	24.090.000	30.003.000. 000
1661339 185.9	2022-08- 24T13:06:25.90 0000+02:00	41.080 .000	24.105 .000	100.00 0.000	41.080 .000	24.105.000	30.003.000. 000
1661339 186.9	2022-08- 24T13:06:26.90 0000+02:00	41.070 .000	24.125 .000	100.00 0.000	41.070 .000	24.125.000	30.010.000. 000
1661339 187.9	2022-08- 24T13:06:27.90 0000+02:00	41.060 .000	24.090 .000	100.00 0.000	41.060 .000	24.090.000	30.009.000. 000
1661339 188.9	2022-08- 24T13:06:28.90 0000+02:00	41.080 .000	24.070 .000	100.00 0.000	41.080 .000	24.070.000	30.010.000. 000
1661339 189.9	2022-08- 24T13:06:29.90 0000+02:00	41.080 .000	24.095 .000	100.00 0.000	41.080 .000	24.095.000	30.005.000. 000
1661339 190.9	2022-08- 24T13:06:30.90 0000+02:00	41.060 .000	24.095 .000	100.00 0.000	41.060 .000	24.095.000	30.015.000. 000
1661339 191.9	2022-08- 24T13:06:31.90	41.050 .000	24.080 .000	100.00 0.000	41.050 .000	24.080.000	30.010.000. 000



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1661339 192.9	2022-08- 24T13:06:32.90 0000+02:00	41.070 .000	24.085 .000	100.00 0.000	41.070 .000	24.085.000	30.017.000. 000
1661339 193.9	2022-08- 24T13:06:33.90 0000+02:00	41.100 .000	24.095 .000	100.00 0.000	41.100 .000	24.095.000	30.006.000. 000
1661339 194.9	2022-08- 24T13:06:34.90 0000+02:00	41.090 .000	24.080 .000	100.00 0.000	41.090 .000	24.080.000	29.993.000. 000
1661339 195.9	2022-08- 24T13:06:35.90 0000+02:00	41.080 .000	24.095 .000	100.00 0.000	41.080 .000	24.095.000	30.001.000. 000
1661339 196.9	2022-08- 24T13:06:36.90 0000+02:00	41.090 .000	24.110 .000	100.00 0.000	41.090 .000	24.110.000	30.000.000. 000
1661339 197.9	2022-08- 24T13:06:37.90 0000+02:00	41.100 .000	24.095 .000	100.00 0.000	41.100 .000	24.095.000	29.999.000. 000
1661339 198.9	2022-08- 24T13:06:38.90 0000+02:00	41.100 .000	24.095 .000	101.00 0.000	41.100 .000	24.095.000	29.994.000. 000
1661339 199.9	2022-08- 24T13:06:39.90 0000+02:00	41.130 .000	24.105 .000	101.00 0.000	41.130 .000	24.105.000	29.993.000. 000
1661339 200.9	2022-08- 24T13:06:40.90 0000+02:00	41.070 .000	24.075 .000	101.00 0.000	41.070 .000	24.075.000	29.995.000. 000
1661339 201.9	2022-08- 24T13:06:41.90 0000+02:00	41.060 .000	24.095 .000	101.00 0.000	41.060 .000	24.095.000	30.014.000. 000
1661339 202.9	2022-08- 24T13:06:42.90 0000+02:00	41.090 .000	24.110 .000	101.00 0.000	41.090 .000	24.110.000	30.009.000. 000
1661339 203.9	2022-08- 24T13:06:43.90 0000+02:00	41.080 .000	24.075 .000	101.00 0.000	41.080 .000	24.075.000	30.006.000. 000
1661339 204.9	2022-08- 24T13:06:44.90 0000+02:00	41.090 .000	24.110 .000	100.00 0.000	41.090 .000	24.110.000	30.011.000. 000
1661339 205.9	2022-08- 24T13:06:45.90 0000+02:00	41.080 .000	24.090 .000	100.00 0.000	41.080 .000	24.090.000	30.011.000. 000
1661339 206.9	2022-08- 24T13:06:46.90 0000+02:00	41.110 .000	24.090 .000	100.00 0.000	41.110 .000	24.090.000	30.014.000. 000
1661339 207.9	2022-08- 24T13:06:47.90 0000+02:00	41.110 .000	24.095 .000	100.00 0.000	41.110 .000	24.095.000	30.019.000. 000
1661339 208.9	2022-08- 24T13:06:48.90 0000+02:00	41.100 .000	24.095 .000	100.00 0.000	41.100 .000	24.095.000	30.018.000. 000
1661339 209.9	2022-08- 24T13:06:49.90 0000+02:00	41.090 .000	24.105 .000	99.000. 000	41.090 .000	24.105.000	30.013.000. 000
1661339 210.9	2022-08- 24T13:06:50.90	41.130 .000	24.095 .000	100.00 0.000	41.130 .000	24.095.000	30.007.000. 000



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1661339 211.9	2022-08- 24T13:06:51.90 0000+02:00	41.120 .000	24.115 .000	100.00 0.000	41.120 .000	24.115.000	30.006.000. 000
1661339 212.9	2022-08- 24T13:06:52.90 0000+02:00	41.080 .000	24.085 .000	100.00 0.000	41.080 .000	24.085.000	30.011.000. 000
1661339 213.9	2022-08- 24T13:06:53.90 0000+02:00	41.110 .000	24.115 .000	100.00 0.000	41.110 .000	24.115.000	30.004.000. 000
1661339 214.9	2022-08- 24T13:06:54.90 0000+02:00	41.110 .000	24.115 .000	100.00 0.000	41.110 .000	24.115.000	30.013.000. 000
1661339 215.9	2022-08- 24T13:06:55.90 0000+02:00	41.120 .000	24.080 .000	99.000. 000	41.120 .000	24.080.000	30.013.000. 000
1661339 216.9	2022-08- 24T13:06:56.90 0000+02:00	41.130 .000	24.095 .000	99.000. 000	41.130 .000	24.095.000	30.014.000. 000
1661339 217.9	2022-08- 24T13:06:57.90 0000+02:00	41.120 .000	24.110 .000	99.000. 000	41.120 .000	24.110.000	30.013.000. 000
1661339 218.9	2022-08- 24T13:06:58.90 0000+02:00	41.120 .000	24.095 .000	99.000. 000	41.120 .000	24.095.000	30.022.000. 000
1661339 219.9	2022-08- 24T13:06:59.90 0000+02:00	41.120 .000	24.080 .000	99.000. 000	41.120 .000	24.080.000	30.005.000. 000
1661339 220.9	2022-08- 24T13:07:00.90 0000+02:00	41.120 .000	24.110 .000	99.000. 000	41.120 .000	24.110.000	30.013.000. 000
1661339 221.9	2022-08- 24T13:07:01.90 0000+02:00	41.130 .000	24.090 .000	99.000. 000	41.130 .000	24.090.000	30.016.000. 000
1661339 222.9	2022-08- 24T13:07:02.90 0000+02:00	41.130 .000	24.115 .000	99.000. 000	41.130 .000	24.115.000	30.007.000. 000
1661339 223.9	2022-08- 24T13:07:03.90 0000+02:00	41.130 .000	24.105 .000	99.000. 000	41.130 .000	24.105.000	30.012.000. 000
1661339 224.9	2022-08- 24T13:07:04.90 0000+02:00	41.130 .000	24.115 .000	99.000. 000	41.130 .000	24.115.000	30.017.000. 000
1661339 225.9	2022-08- 24T13:07:05.90 0000+02:00	41.150 .000	24.090 .000	99.000. 000	41.150 .000	24.090.000	30.007.000. 000
1661339 226.9	2022-08- 24T13:07:06.90 0000+02:00	41.160 .000	24.105 .000	99.000. 000	41.160 .000	24.105.000	30.006.000. 000
1661339 227.9	2022-08- 24T13:07:07.90 0000+02:00	41.160 .000	24.115 .000	99.000. 000	41.160 .000	24.115.000	30.007.000. 000
1661339 228.9	2022-08- 24T13:07:08.90 0000+02:00	41.160 .000	24.110 .000	99.000. 000	41.160 .000	24.110.000	30.004.000. 000
1661339 229.9	2022-08- 24T13:07:09.90	41.120 .000	24.090 .000	100.00 0.000	41.120 .000	24.090.000	29.995.000. 000



0000+02:00							
1661339 230.9	2022-08- 24T13:07:10.90 0000+02:00	41.170 .000	24.095 .000	100.00 0.000	41.170 .000	24.095.000	29.991.000. 000
1661339 231.9	2022-08- 24T13:07:11.90 0000+02:00	41.160 .000	24.115 .000	101.00 0.000	41.160 .000	24.115.000	29.994.000. 000
1661339 232.9	2022-08- 24T13:07:12.90 0000+02:00	41.180 .000	24.110 .000	101.00 0.000	41.180 .000	24.110.000	30.003.000. 000
1661339 233.9	2022-08- 24T13:07:13.90 0000+02:00	41.140 .000	24.105 .000	101.00 0.000	41.140 .000	24.105.000	30.000.000. 000
1661339 234.9	2022-08- 24T13:07:14.90 0000+02:00	41.170 .000	24.115 .000	101.00 0.000	41.170 .000	24.115.000	30.011.000. 000
1661339 235.9	2022-08- 24T13:07:15.90 0000+02:00	41.140 .000	24.095 .000	101.00 0.000	41.140 .000	24.095.000	30.009.000. 000
1661339 236.9	2022-08- 24T13:07:16.90 0000+02:00	41.130 .000	24.095 .000	100.00 0.000	41.130 .000	24.095.000	30.010.000. 000
1661339 237.9	2022-08- 24T13:07:17.90 0000+02:00	41.120 .000	24.125 .000	101.00 0.000	41.120 .000	24.125.000	29.997.000. 000
1661339 238.9	2022-08- 24T13:07:18.90 0000+02:00	41.170 .000	24.105 .000	101.00 0.000	41.170 .000	24.105.000	29.996.000. 000
1661339 239.9	2022-08- 24T13:07:19.90 0000+02:00	41.210 .000	24.125 .000	101.00 0.000	41.210 .000	24.125.000	30.003.000. 000
1661339 240.9	2022-08- 24T13:07:20.90 0000+02:00	41.180 .000	24.100 .000	101.00 0.000	41.180 .000	24.100.000	30.001.000. 000
1661339 241.9	2022-08- 24T13:07:21.90 0000+02:00	41.170 .000	24.130 .000	101.00 0.000	41.170 .000	24.130.000	30.010.000. 000
1661339 242.9	2022-08- 24T13:07:22.90 0000+02:00	41.150 .000	24.115 .000	101.00 0.000	41.150 .000	24.115.000	30.009.000. 000
1661339 243.9	2022-08- 24T13:07:23.90 0000+02:00	41.170 .000	24.105 .000	101.00 0.000	41.170 .000	24.105.000	30.008.000. 000
1661339 244.9	2022-08- 24T13:07:24.90 0000+02:00	41.190 .000	24.105 .000	100.00 0.000	41.190 .000	24.105.000	30.013.000. 000
1661339 245.9	2022-08- 24T13:07:25.90 0000+02:00	41.200 .000	24.115 .000	101.00 0.000	41.200 .000	24.115.000	29.999.000. 000
1661339 246.9	2022-08- 24T13:07:26.90 0000+02:00	41.180 .000	24.090 .000	101.00 0.000	41.180 .000	24.090.000	29.998.000. 000
1661339 247.9	2022-08- 24T13:07:27.90 0000+02:00	41.160 .000	24.105 .000	101.00 0.000	41.160 .000	24.105.000	29.995.000. 000
1661339 248.9	2022-08- 24T13:07:28.90	41.170 .000	24.095 .000	101.00 0.000	41.170 .000	24.095.000	30.006.000. 000



	0000+02:00						
1661339 249.9	2022-08- 24T13:07:29.90 0000+02:00	41.150 .000	24.105 .000	101.00 0.000	41.150 .000	24.105.000	30.011.000. 000
1661339 250.9	2022-08- 24T13:07:30.90 0000+02:00	41.170 .000	24.110 .000	101.00 0.000	41.170 .000	24.110.000	29.993.000. 000
1661339 251.9	2022-08- 24T13:07:31.90 0000+02:00	41.190 .000	24.090 .000	101.00 0.000	41.190 .000	24.090.000	30.002.000. 000
1661339 252.9	2022-08- 24T13:07:32.90 0000+02:00	41.190 .000	24.130 .000	101.00 0.000	41.190 .000	24.130.000	29.999.000. 000
1661339 253.9	2022-08- 24T13:07:33.90 0000+02:00	41.190 .000	24.095 .000	101.00 0.000	41.190 .000	24.095.000	30.020.000. 000
1661339 254.9	2022-08- 24T13:07:34.90 0000+02:00	41.210 .000	24.115 .000	100.00 0.000	41.210 .000	24.115.000	30.017.000. 000
1661339 255.9	2022-08- 24T13:07:35.90 0000+02:00	41.200 .000	24.110 .000	100.00 0.000	41.200 .000	24.110.000	30.009.000. 000
1661339 256.9	2022-08- 24T13:07:36.90 0000+02:00	41.180 .000	24.085 .000	100.00 0.000	41.180 .000	24.085.000	30.012.000. 000
1661339 257.9	2022-08- 24T13:07:37.90 0000+02:00	41.210 .000	24.105 .000	100.00 0.000	41.210 .000	24.105.000	30.005.000. 000
1661339 258.9	2022-08- 24T13:07:38.90 0000+02:00	41.210 .000	24.120 .000	100.00 0.000	41.210 .000	24.120.000	30.008.000. 000
1661339 259.9	2022-08- 24T13:07:39.90 0000+02:00	41.190 .000	24.105 .000	100.00 0.000	41.190 .000	24.105.000	30.015.000. 000
1661339 260.9	2022-08- 24T13:07:40.90 0000+02:00	41.200 .000	24.120 .000	100.00 0.000	41.200 .000	24.120.000	30.021.000. 000
1661339 261.9	2022-08- 24T13:07:41.90 0000+02:00	41.200 .000	24.120 .000	100.00 0.000	41.200 .000	24.120.000	30.012.000. 000
1661339 262.9	2022-08- 24T13:07:42.90 0000+02:00	41.180 .000	24.120 .000	100.00 0.000	41.180 .000	24.120.000	30.011.000. 000
1661339 263.9	2022-08- 24T13:07:43.90 0000+02:00	41.210 .000	24.115 .000	100.00 0.000	41.210 .000	24.115.000	30.004.000. 000
1661339 264.9	2022-08- 24T13:07:44.90 0000+02:00	41.260 .000	24.115 .000	100.00 0.000	41.260 .000	24.115.000	30.005.000. 000
1661339 265.9	2022-08- 24T13:07:45.90 0000+02:00	41.210 .000	24.115 .000	100.00 0.000	41.210 .000	24.115.000	30.009.000. 000
1661339 266.9	2022-08- 24T13:07:46.90 0000+02:00	41.200 .000	24.115 .000	100.00 0.000	41.200 .000	24.115.000	30.002.000. 000
1661339 267.9	2022-08- 24T13:07:47.90	41.220 .000	24.115 .000	100.00 0.000	41.220 .000	24.115.000	30.009.000. 000



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1661339 268.9	2022-08- 24T13:07:48.90 0000+02:00	41.230 .000	24.095 .000	100.00 0.000	41.230 .000	24.095.000	30.008.000. 000
1661339 269.9	2022-08- 24T13:07:49.90 0000+02:00	41.200 .000	24.110 .000	100.00 0.000	41.200 .000	24.110.000	30.011.000. 000
1661339 270.9	2022-08- 24T13:07:50.90 0000+02:00	41.230 .000	24.105 .000	100.00 0.000	41.230 .000	24.105.000	30.007.000. 000
1661339 271.9	2022-08- 24T13:07:51.90 0000+02:00	41.230 .000	24.115 .000	100.00 0.000	41.230 .000	24.115.000	29.994.000. 000
1661339 272.9	2022-08- 24T13:07:52.90 0000+02:00	41.260 .000	24.105 .000	100.00 0.000	41.260 .000	24.105.000	30.003.000. 000
1661339 273.9	2022-08- 24T13:07:53.90 0000+02:00	41.250 .000	24.115 .000	100.00 0.000	41.250 .000	24.115.000	30.000.000. 000
1661339 274.9	2022-08- 24T13:07:54.90 0000+02:00	41.210 .000	24.115 .000	100.00 0.000	41.210 .000	24.115.000	30.013.000. 000
1661339 275.9	2022-08- 24T13:07:55.90 0000+02:00	41.230 .000	24.115 .000	100.00 0.000	41.230 .000	24.115.000	30.013.000. 000
1661339 276.9	2022-08- 24T13:07:56.90 0000+02:00	41.240 .000	24.095 .000	100.00 0.000	41.240 .000	24.095.000	29.998.000. 000
1661339 277.9	2022-08- 24T13:07:57.90 0000+02:00	41.230 .000	24.115 .000	101.00 0.000	41.230 .000	24.115.000	29.995.000. 000
1661339 278.9	2022-08- 24T13:07:58.90 0000+02:00	41.230 .000	24.140 .000	101.00 0.000	41.230 .000	24.140.000	29.988.000. 000
1661339 279.9	2022-08- 24T13:07:59.90 0000+02:00	41.250 .000	24.095 .000	101.00 0.000	41.250 .000	24.095.000	29.997.000. 000
1661339 280.9	2022-08- 24T13:08:00.90 0000+02:00	41.220 .000	24.120 .000	101.00 0.000	41.220 .000	24.120.000	30.007.000. 000
1661339 281.9	2022-08- 24T13:08:01.90 0000+02:00	41.250 .000	24.125 .000	101.00 0.000	41.250 .000	24.125.000	29.996.000. 000
1661339 282.9	2022-08- 24T13:08:02.90 0000+02:00	41.210 .000	24.120 .000	101.00 0.000	41.210 .000	24.120.000	29.997.000. 000
1661339 283.9	2022-08- 24T13:08:03.90 0000+02:00	41.250 .000	24.120 .000	101.00 0.000	41.250 .000	24.120.000	29.998.000. 000
1661339 284.9	2022-08- 24T13:08:04.90 0000+02:00	41.240 .000	24.105 .000	102.00 0.000	41.240 .000	24.105.000	29.989.000. 000
1661339 285.9	2022-08- 24T13:08:05.90 0000+02:00	41.240 .000	24.115 .000	102.00 0.000	41.240 .000	24.115.000	29.993.000. 000
1661339 286.9	2022-08- 24T13:08:06.90	41.250 .000	24.090 .000	102.00 0.000	41.250 .000	24.090.000	29.994.000. 000



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1661339 287.9	2022-08- 24T13:08:07.90 0000+02:00	41.250 .000	24.120 .000	102.00 0.000	41.250 .000	24.120.000	29.995.000. 000
1661339 288.9	2022-08- 24T13:08:08.90 0000+02:00	41.260 .000	24.115 .000	102.00 0.000	41.260 .000	24.115.000	29.996.000. 000
1661339 289.9	2022-08- 24T13:08:09.90 0000+02:00	41.250 .000	24.115 .000	102.00 0.000	41.250 .000	24.115.000	30.005.000. 000
1661339 290.9	2022-08- 24T13:08:10.90 0000+02:00	41.260 .000	24.115 .000	102.00 0.000	41.260 .000	24.115.000	29.993.000. 000
1661339 291.9	2022-08- 24T13:08:11.90 0000+02:00	41.250 .000	24.120 .000	102.00 0.000	41.250 .000	24.120.000	29.996.000. 000
1661339 292.9	2022-08- 24T13:08:12.90 0000+02:00	41.260 .000	24.115 .000	102.00 0.000	41.260 .000	24.115.000	29.989.000. 000
1661339 293.9	2022-08- 24T13:08:13.90 0000+02:00	41.280 .000	24.095 .000	102.00 0.000	41.280 .000	24.095.000	29.994.000. 000
1661339 294.9	2022-08- 24T13:08:14.90 0000+02:00	41.270 .000	24.120 .000	102.00 0.000	41.270 .000	24.120.000	30.001.000. 000
1661339 295.9	2022-08- 24T13:08:15.90 0000+02:00	41.250 .000	24.095 .000	102.00 0.000	41.250 .000	24.095.000	30.005.000. 000
1661339 296.9	2022-08- 24T13:08:16.90 0000+02:00	41.280 .000	24.125 .000	102.00 0.000	41.280 .000	24.125.000	30.006.000. 000
1661339 297.9	2022-08- 24T13:08:17.90 0000+02:00	41.280 .000	24.130 .000	101.00 0.000	41.280 .000	24.130.000	30.009.000. 000
1661339 298.9	2022-08- 24T13:08:18.90 0000+02:00	41.250 .000	24.115 .000	101.00 0.000	41.250 .000	24.115.000	30.004.000. 000
1661339 299.9	2022-08- 24T13:08:19.90 0000+02:00	41.280 .000	24.140 .000	101.00 0.000	41.280 .000	24.140.000	30.003.000. 000
1661339 300.9	2022-08- 24T13:08:20.90 0000+02:00	41.270 .000	24.115 .000	101.00 0.000	41.270 .000	24.115.000	29.999.000. 000
1661339 301.9	2022-08- 24T13:08:21.90 0000+02:00	41.240 .000	24.110 .000	101.00 0.000	41.240 .000	24.110.000	29.998.000. 000
1661339 302.9	2022-08- 24T13:08:22.90 0000+02:00	41.230 .000	24.125 .000	101.00 0.000	41.230 .000	24.125.000	29.997.000. 000
1661339 303.9	2022-08- 24T13:08:23.90 0000+02:00	41.290 .000	24.135 .000	101.00 0.000	41.290 .000	24.135.000	29.998.000. 000
1661339 304.9	2022-08- 24T13:08:24.90 0000+02:00	41.260 .000	24.110 .000	102.00 0.000	41.260 .000	24.110.000	29.989.000. 000
1661339 305.9	2022-08- 24T13:08:25.90	41.310 .000	24.130 .000	102.00 0.000	41.310 .000	24.130.000	29.991.000. 000



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1661339 306.9	2022-08- 24T13:08:26.90 0000+02:00	41.290 .000	24.115 .000	102.00 0.000	41.290 .000	24.115.000	29.996.000. 000
1661339 307.9	2022-08- 24T13:08:27.90 0000+02:00	41.300 .000	24.115 .000	102.00 0.000	41.300 .000	24.115.000	29.991.000. 000
1661339 308.9	2022-08- 24T13:08:28.90 0000+02:00	41.300 .000	24.125 .000	102.00 0.000	41.300 .000	24.125.000	29.992.000. 000
1661339 309.9	2022-08- 24T13:08:29.90 0000+02:00	41.280 .000	24.100 .000	102.00 0.000	41.280 .000	24.100.000	29.993.000. 000
1661339 310.9	2022-08- 24T13:08:30.90 0000+02:00	41.310 .000	24.125 .000	102.00 0.000	41.310 .000	24.125.000	29.985.000. 000
1661339 311.9	2022-08- 24T13:08:31.90 0000+02:00	41.290 .000	24.115 .000	102.00 0.000	41.290 .000	24.115.000	29.980.000. 000
1661339 312.9	2022-08- 24T13:08:32.90 0000+02:00	41.300 .000	24.130 .000	103.00 0.000	41.300 .000	24.130.000	29.987.000. 000
1661339 313.9	2022-08- 24T13:08:33.90 0000+02:00	41.270 .000	24.115 .000	103.00 0.000	41.270 .000	24.115.000	29.978.000. 000
1661339 314.9	2022-08- 24T13:08:34.90 0000+02:00	41.300 .000	24.105 .000	103.00 0.000	41.300 .000	24.105.000	29.973.000. 000
1661339 315.9	2022-08- 24T13:08:35.90 0000+02:00	41.330 .000	24.105 .000	104.00 0.000	41.330 .000	24.105.000	29.971.000. 000
1661339 316.9	2022-08- 24T13:08:36.90 0000+02:00	41.310 .000	24.140 .000	104.00 0.000	41.310 .000	24.140.000	29.958.000. 000
1661339 317.9	2022-08- 24T13:08:37.90 0000+02:00	41.320 .000	24.125 .000	105.00 0.000	41.320 .000	24.125.000	29.951.000. 000
1661339 318.9	2022-08- 24T13:08:38.90 0000+02:00	41.330 .000	24.115 .000	106.00 0.000	41.330 .000	24.115.000	29.924.000. 000
1661339 319.9	2022-08- 24T13:08:39.90 0000+02:00	41.310 .000	24.125 .000	108.00 0.000	41.310 .000	24.125.000	29.915.000. 000
1661339 320.9	2022-08- 24T13:08:40.90 0000+02:00	41.340 .000	24.105 .000	110.00 0.000	41.340 .000	24.105.000	29.889.000. 000
1661339 321.9	2022-08- 24T13:08:41.90 0000+02:00	41.330 .000	24.125 .000	112.00 0.000	41.330 .000	24.125.000	29.872.000. 000
1661339 322.9	2022-08- 24T13:08:42.90 0000+02:00	41.300 .000	24.115 .000	114.00 0.000	41.300 .000	24.115.000	29.857.000. 000
1661339 323.9	2022-08- 24T13:08:43.90 0000+02:00	41.290 .000	24.130 .000	117.00 0.000	41.290 .000	24.130.000	29.836.000. 000
1661339 324.9	2022-08- 24T13:08:44.90	41.320 .000	24.125 .000	120.00 0.000	41.320 .000	24.125.000	29.815.000. 000



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1661339 325.9	2022-08- 24T13:08:45.90 0000+02:00	41.340 .000	24.105 .000	123.00 0.000	41.340 .000	24.105.000	29.795.000. 000
1661339 326.9	2022-08- 24T13:08:46.90 0000+02:00	41.300 .000	24.135 .000	127.00 0.000	41.300 .000	24.135.000	29.766.000. 000
1661339 327.9	2022-08- 24T13:08:47.90 0000+02:00	41.350 .000	24.105 .000	131.00 0.000	41.350 .000	24.105.000	29.733.000. 000
1661339 328.9	2022-08- 24T13:08:48.90 0000+02:00	41.340 .000	24.115 .000	136.00 0.000	41.340 .000	24.115.000	29.714.000. 000
1661339 329.9	2022-08- 24T13:08:49.90 0000+02:00	41.300 .000	24.130 .000	140.00 0.000	41.300 .000	24.130.000	29.711.000. 000
1661339 330.9	2022-08- 24T13:08:50.90 0000+02:00	41.340 .000	24.140 .000	144.00 0.000	41.340 .000	24.140.000	29.685.000. 000
1661339 331.9	2022-08- 24T13:08:51.90 0000+02:00	41.350 .000	24.110 .000	149.00 0.000	41.350 .000	24.110.000	29.666.000. 000
1661339 332.9	2022-08- 24T13:08:52.90 0000+02:00	41.350 .000	24.140 .000	153.00 0.000	41.350 .000	24.140.000	29.643.000. 000
1661339 333.9	2022-08- 24T13:08:53.90 0000+02:00	41.330 .000	24.120 .000	158.00 0.000	41.330 .000	24.120.000	29.622.000. 000
1661339 334.9	2022-08- 24T13:08:54.90 0000+02:00	41.350 .000	24.145 .000	163.00 0.000	41.350 .000	24.145.000	29.595.000. 000
1661339 335.9	2022-08- 24T13:08:55.90 0000+02:00	41.340 .000	24.110 .000	168.00 0.000	41.340 .000	24.110.000	29.565.000. 000
1661339 336.9	2022-08- 24T13:08:56.90 0000+02:00	41.340 .000	24.130 .000	174.00 0.000	41.340 .000	24.130.000	29.538.000. 000
1661339 337.9	2022-08- 24T13:08:57.90 0000+02:00	41.340 .000	24.130 .000	185.00 0.000	41.340 .000	24.130.000	29.486.000. 000
1661339 338.9	2022-08- 24T13:08:58.90 0000+02:00	41.340 .000	24.115 .000	191.00 0.000	41.340 .000	24.115.000	29.467.000. 000
1661339 339.9	2022-08- 24T13:08:59.90 0000+02:00	41.370 .000	24.130 .000	196.00 0.000	41.370 .000	24.130.000	29.455.000. 000
1661339 340.9	2022-08- 24T13:09:00.90 0000+02:00	41.370 .000	24.125 .000	201.00 0.000	41.370 .000	24.125.000	29.424.000. 000
1661339 341.9	2022-08- 24T13:09:01.90 0000+02:00	41.390 .000	24.135 .000	207.00 0.000	41.390 .000	24.135.000	29.401.000. 000
1661339 342.9	2022-08- 24T13:09:02.90 0000+02:00	41.350 .000	24.120 .000	212.00 0.000	41.350 .000	24.120.000	29.388.000. 000
1661339 343.9	2022-08- 24T13:09:03.90	41.340 .000	24.125 .000	216.00 0.000	41.340 .000	24.125.000	29.379.000. 000



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1661339 344.9	2022-08- 24T13:09:04.90 0000+02:00	41.360 .000	24.130 .000	221.00 0.000	41.360 .000	24.130.000	29.357.000. 000
1661339 345.9	2022-08- 24T13:09:05.90 0000+02:00	41.340 .000	24.115 .000	225.00 0.000	41.340 .000	24.115.000	29.336.000. 000
1661339 346.9	2022-08- 24T13:09:06.90 0000+02:00	41.340 .000	24.155 .000	230.00 0.000	41.340 .000	24.155.000	29.313.000. 000
1661339 347.9	2022-08- 24T13:09:07.90 0000+02:00	41.380 .000	24.125 .000	234.00 0.000	41.380 .000	24.125.000	29.292.000. 000
1661339 348.9	2022-08- 24T13:09:08.90 0000+02:00	41.370 .000	24.130 .000	238.00 0.000	41.370 .000	24.130.000	29.271.000. 000
1661339 349.9	2022-08- 24T13:09:09.90 0000+02:00	41.380 .000	24.115 .000	243.00 0.000	41.380 .000	24.115.000	29.239.000. 000
1661339 350.9	2022-08- 24T13:09:10.90 0000+02:00	41.350 .000	24.140 .000	247.00 0.000	41.350 .000	24.140.000	29.218.000. 000
1661339 351.9	2022-08- 24T13:09:11.90 0000+02:00	41.370 .000	24.110 .000	251.00 0.000	41.370 .000	24.110.000	29.201.000. 000
1661339 352.9	2022-08- 24T13:09:12.90 0000+02:00	41.360 .000	24.125 .000	255.00 0.000	41.360 .000	24.125.000	29.182.000. 000
1661339 353.9	2022-08- 24T13:09:13.90 0000+02:00	41.370 .000	24.135 .000	259.00 0.000	41.370 .000	24.135.000	29.161.000. 000
1661339 354.9	2022-08- 24T13:09:14.90 0000+02:00	41.360 .000	24.135 .000	263.00 0.000	41.360 .000	24.135.000	29.137.000. 000
1661339 355.9	2022-08- 24T13:09:15.90 0000+02:00	41.370 .000	24.125 .000	266.00 0.000	41.370 .000	24.125.000	29.120.000. 000
1661339 356.9	2022-08- 24T13:09:16.90 0000+02:00	41.390 .000	24.125 .000	270.00 0.000	41.390 .000	24.125.000	29.099.000. 000
1661339 357.9	2022-08- 24T13:09:17.90 0000+02:00	41.370 .000	24.135 .000	273.00 0.000	41.370 .000	24.135.000	29.078.000. 000
1661339 358.9	2022-08- 24T13:09:18.90 0000+02:00	41.390 .000	24.140 .000	277.00 0.000	41.390 .000	24.140.000	29.059.000. 000
1661339 359.9	2022-08- 24T13:09:19.90 0000+02:00	41.390 .000	24.130 .000	280.00 0.000	41.390 .000	24.130.000	29.033.000. 000
1661339 360.9	2022-08- 24T13:09:20.90 0000+02:00	41.390 .000	24.105 .000	283.00 0.000	41.390 .000	24.105.000	29.022.000. 000
1661339 361.9	2022-08- 24T13:09:21.90 0000+02:00	41.390 .000	24.125 .000	286.00 0.000	41.390 .000	24.125.000	28.995.000. 000
1661339 362.9	2022-08- 24T13:09:22.90	41.390 .000	24.130 .000	289.00 0.000	41.390 .000	24.130.000	28.976.000. 000



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1661339 363.9	2022-08- 24T13:09:23.90 0000+02:00	41.410 .000	24.110 .000	291.00 0.000	41.410 .000	24.110.000	28.965.000. 000
1661339 364.9	2022-08- 24T13:09:24.90 0000+02:00	41.380 .000	24.150 .000	294.00 0.000	41.380 .000	24.150.000	28.947.000. 000
1661339 365.9	2022-08- 24T13:09:25.90 0000+02:00	41.350 .000	24.115 .000	296.00 0.000	41.350 .000	24.115.000	28.930.000. 000
1661339 366.9	2022-08- 24T13:09:26.90 0000+02:00	41.390 .000	24.130 .000	298.00 0.000	41.390 .000	24.130.000	28.909.000. 000
1661339 367.9	2022-08- 24T13:09:27.90 0000+02:00	41.380 .000	24.120 .000	300.00 0.000	41.380 .000	24.120.000	28.892.000. 000
1661339 368.9	2022-08- 24T13:09:28.90 0000+02:00	41.400 .000	24.130 .000	303.00 0.000	41.400 .000	24.130.000	28.857.000. 000
1661339 369.9	2022-08- 24T13:09:29.90 0000+02:00	41.380 .000	24.145 .000	305.00 0.000	41.380 .000	24.145.000	28.843.000. 000
1661339 370.9	2022-08- 24T13:09:30.90 0000+02:00	41.420 .000	24.135 .000	307.00 0.000	41.420 .000	24.135.000	28.824.000. 000
1661339 371.9	2022-08- 24T13:09:31.90 0000+02:00	41.390 .000	24.115 .000	308.00 0.000	41.390 .000	24.115.000	28.819.000. 000
1661339 372.9	2022-08- 24T13:09:32.90 0000+02:00	41.350 .000	24.125 .000	310.00 0.000	41.350 .000	24.125.000	28.782.000. 000
1661339 373.9	2022-08- 24T13:09:33.90 0000+02:00	41.390 .000	24.150 .000	312.00 0.000	41.390 .000	24.150.000	28.773.000. 000
1661339 374.9	2022-08- 24T13:09:34.90 0000+02:00	41.380 .000	24.145 .000	314.00 0.000	41.380 .000	24.145.000	28.751.000. 000
1661339 375.9	2022-08- 24T13:09:35.90 0000+02:00	41.400 .000	24.130 .000	315.00 0.000	41.400 .000	24.130.000	28.724.000. 000
1661339 376.9	2022-08- 24T13:09:36.90 0000+02:00	41.410 .000	24.120 .000	317.00 0.000	41.410 .000	24.120.000	28.699.000. 000
1661339 377.9	2022-08- 24T13:09:37.90 0000+02:00	41.420 .000	24.135 .000	319.00 0.000	41.420 .000	24.135.000	28.680.000. 000
1661339 378.9	2022-08- 24T13:09:38.90 0000+02:00	41.450 .000	24.120 .000	320.00 0.000	41.450 .000	24.120.000	28.673.000. 000
1661339 379.9	2022-08- 24T13:09:39.90 0000+02:00	41.440 .000	24.145 .000	321.00 0.000	41.440 .000	24.145.000	28.661.000. 000
1661339 380.9	2022-08- 24T13:09:40.90 0000+02:00	41.420 .000	24.110 .000	322.00 0.000	41.420 .000	24.110.000	28.650.000. 000
1661339 381.9	2022-08- 24T13:09:41.90	41.410 .000	24.135 .000	323.00 0.000	41.410 .000	24.135.000	28.629.000. 000



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1661339 382.9	2022-08- 24T13:09:42.90 0000+02:00	41.460 .000	24.130 .000	323.00 0.000	41.460 .000	24.130.000	28.620.000. 000
1661339 383.9	2022-08- 24T13:09:43.90 0000+02:00	41.410 .000	24.125 .000	324.00 0.000	41.410 .000	24.125.000	28.601.000. 000
1661339 384.9	2022-08- 24T13:09:44.90 0000+02:00	41.420 .000	24.160 .000	324.00 0.000	41.420 .000	24.160.000	28.587.000. 000
1661339 385.9	2022-08- 24T13:09:45.90 0000+02:00	41.420 .000	24.145 .000	324.00 0.000	41.420 .000	24.145.000	28.570.000. 000
1661339 386.9	2022-08- 24T13:09:46.90 0000+02:00	41.470 .000	24.155 .000	324.00 0.000	41.470 .000	24.155.000	28.571.000. 000
1661339 387.9	2022-08- 24T13:09:47.90 0000+02:00	41.420 .000	24.130 .000	324.00 0.000	41.420 .000	24.130.000	28.558.000. 000
1661339 388.9	2022-08- 24T13:09:48.90 0000+02:00	41.440 .000	24.145 .000	323.00 0.000	41.440 .000	24.145.000	28.545.000. 000
1661339 389.9	2022-08- 24T13:09:49.90 0000+02:00	41.440 .000	24.125 .000	323.00 0.000	41.440 .000	24.125.000	28.537.000. 000
1661339 390.9	2022-08- 24T13:09:50.90 0000+02:00	41.450 .000	24.135 .000	322.00 0.000	41.450 .000	24.135.000	28.532.000. 000
1661339 391.9	2022-08- 24T13:09:51.90 0000+02:00	41.480 .000	24.145 .000	320.00 0.000	41.480 .000	24.145.000	28.531.000. 000
1661339 392.9	2022-08- 24T13:09:52.90 0000+02:00	41.440 .000	24.145 .000	319.00 0.000	41.440 .000	24.145.000	28.514.000. 000
1661339 393.9	2022-08- 24T13:09:53.90 0000+02:00	41.440 .000	24.160 .000	317.00 0.000	41.440 .000	24.160.000	28.513.000. 000
1661339 394.9	2022-08- 24T13:09:54.90 0000+02:00	41.480 .000	24.150 .000	315.00 0.000	41.480 .000	24.150.000	28.505.000. 000
1661339 395.9	2022-08- 24T13:09:55.90 0000+02:00	41.480 .000	24.155 .000	314.00 0.000	41.480 .000	24.155.000	28.488.000. 000
1661339 396.9	2022-08- 24T13:09:56.90 0000+02:00	41.460 .000	24.150 .000	312.00 0.000	41.460 .000	24.150.000	28.481.000. 000
1661339 397.9	2022-08- 24T13:09:57.90 0000+02:00	41.440 .000	24.105 .000	310.00 0.000	41.440 .000	24.105.000	28.478.000. 000
1661339 398.9	2022-08- 24T13:09:58.90 0000+02:00	41.450 .000	24.135 .000	308.00 0.000	41.450 .000	24.135.000	28.469.000. 000
1661339 399.9	2022-08- 24T13:09:59.90 0000+02:00	41.450 .000	24.125 .000	305.00 0.000	41.450 .000	24.125.000	28.469.000. 000
1661339 400.9	2022-08- 24T13:10:00.90	41.450 .000	24.150 .000	303.00 0.000	41.450 .000	24.150.000	28.462.000. 000



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1661339 401.9	2022-08- 24T13:10:01.90 0000+02:00	41.460 .000	24.140 .000	300.00 0.000	41.460 .000	24.140.000	28.455.000. 000
1661339 402.9	2022-08- 24T13:10:02.90 0000+02:00	41.440 .000	24.135 .000	298.00 0.000	41.440 .000	24.135.000	28.444.000. 000
1661339 403.9	2022-08- 24T13:10:03.90 0000+02:00	41.450 .000	24.135 .000	296.00 0.000	41.450 .000	24.135.000	28.425.000. 000
1661339 404.9	2022-08- 24T13:10:04.90 0000+02:00	41.480 .000	24.160 .000	293.00 0.000	41.480 .000	24.160.000	28.435.000. 000
1661339 405.9	2022-08- 24T13:10:05.90 0000+02:00	41.470 .000	24.145 .000	291.00 0.000	41.470 .000	24.145.000	28.424.000. 000
1661339 406.9	2022-08- 24T13:10:06.90 0000+02:00	41.450 .000	24.135 .000	288.00 0.000	41.450 .000	24.135.000	28.425.000. 000
1661339 407.9	2022-08- 24T13:10:07.90 0000+02:00	41.480 .000	24.135 .000	285.00 0.000	41.480 .000	24.135.000	28.422.000. 000
1661339 408.9	2022-08- 24T13:10:08.90 0000+02:00	41.510 .000	24.160 .000	282.00 0.000	41.510 .000	24.160.000	28.409.000. 000
1661339 409.9	2022-08- 24T13:10:09.90 0000+02:00	41.450 .000	24.140 .000	279.00 0.000	41.450 .000	24.140.000	28.403.000. 000
1661339 410.9	2022-08- 24T13:10:10.90 0000+02:00	41.470 .000	24.145 .000	276.00 0.000	41.470 .000	24.145.000	28.400.000. 000
1661339 411.9	2022-08- 24T13:10:11.90 0000+02:00	41.460 .000	24.140 .000	274.00 0.000	41.460 .000	24.140.000	28.391.000. 000
1661339 412.9	2022-08- 24T13:10:12.90 0000+02:00	41.500 .000	24.155 .000	270.00 0.000	41.500 .000	24.155.000	28.398.000. 000
1661339 413.9	2022-08- 24T13:10:13.90 0000+02:00	41.460 .000	24.150 .000	267.00 0.000	41.460 .000	24.150.000	28.401.000. 000
1661339 414.9	2022-08- 24T13:10:14.90 0000+02:00	41.460 .000	24.130 .000	264.00 0.000	41.460 .000	24.130.000	28.391.000. 000
1661339 415.9	2022-08- 24T13:10:15.90 0000+02:00	41.490 .000	24.150 .000	261.00 0.000	41.490 .000	24.150.000	28.384.000. 000
1661339 416.9	2022-08- 24T13:10:16.90 0000+02:00	41.490 .000	24.150 .000	258.00 0.000	41.490 .000	24.150.000	28.385.000. 000
1661339 417.9	2022-08- 24T13:10:17.90 0000+02:00	41.490 .000	24.150 .000	255.00 0.000	41.490 .000	24.150.000	28.376.000. 000
1661339 418.9	2022-08- 24T13:10:18.90 0000+02:00	41.480 .000	24.150 .000	252.00 0.000	41.480 .000	24.150.000	28.371.000. 000
1661339 419.9	2022-08- 24T13:10:19.90	41.510 .000	24.160 .000	249.00 0.000	41.510 .000	24.160.000	28.365.000. 000



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1661339 420.9	2022-08- 24T13:10:20.90 0000+02:00	41.490 .000	24.160 .000	246.00 0.000	41.490 .000	24.160.000	28.366.000. 000
1661339 421.9	2022-08- 24T13:10:21.90 0000+02:00	41.460 .000	24.150 .000	242.00 0.000	41.460 .000	24.150.000	28.365.000. 000
1661339 422.9	2022-08- 24T13:10:22.90 0000+02:00	41.510 .000	24.155 .000	239.00 0.000	41.510 .000	24.155.000	28.362.000. 000
1661339 423.9	2022-08- 24T13:10:23.90 0000+02:00	41.500 .000	24.125 .000	236.00 0.000	41.500 .000	24.125.000	28.359.000. 000
1661339 424.9	2022-08- 24T13:10:24.90 0000+02:00	41.520 .000	24.145 .000	233.00 0.000	41.520 .000	24.145.000	28.355.000. 000
1661339 425.9	2022-08- 24T13:10:25.90 0000+02:00	41.500 .000	24.145 .000	231.00 0.000	41.500 .000	24.145.000	28.352.000. 000
1661339 426.9	2022-08- 24T13:10:26.90 0000+02:00	41.500 .000	24.160 .000	228.00 0.000	41.500 .000	24.160.000	28.349.000. 000
1661339 427.9	2022-08- 24T13:10:27.90 0000+02:00	41.510 .000	24.145 .000	225.00 0.000	41.510 .000	24.145.000	28.344.000. 000
1661339 428.9	2022-08- 24T13:10:28.90 0000+02:00	41.470 .000	24.150 .000	222.00 0.000	41.470 .000	24.150.000	28.341.000. 000
1661339 429.9	2022-08- 24T13:10:29.90 0000+02:00	41.510 .000	24.155 .000	219.00 0.000	41.510 .000	24.155.000	28.341.000. 000
1661339 430.9	2022-08- 24T13:10:30.90 0000+02:00	41.540 .000	24.155 .000	217.00 0.000	41.540 .000	24.155.000	28.332.000. 000
1661339 431.9	2022-08- 24T13:10:31.90 0000+02:00	41.520 .000	24.140 .000	214.00 0.000	41.520 .000	24.140.000	28.337.000. 000
1661339 432.9	2022-08- 24T13:10:32.90 0000+02:00	41.490 .000	24.150 .000	211.00 0.000	41.490 .000	24.150.000	28.340.000. 000
1661339 433.9	2022-08- 24T13:10:33.90 0000+02:00	41.480 .000	24.160 .000	208.00 0.000	41.480 .000	24.160.000	28.339.000. 000
1661339 434.9	2022-08- 24T13:10:34.90 0000+02:00	41.480 .000	24.160 .000	205.00 0.000	41.480 .000	24.160.000	28.347.000. 000
1661339 435.9	2022-08- 24T13:10:35.90 0000+02:00	41.510 .000	24.155 .000	203.00 0.000	41.510 .000	24.155.000	28.336.000. 000
1661339 436.9	2022-08- 24T13:10:36.90 0000+02:00	41.490 .000	24.165 .000	200.00 0.000	41.490 .000	24.165.000	28.337.000. 000
1661339 437.9	2022-08- 24T13:10:37.90 0000+02:00	41.530 .000	24.145 .000	197.00 0.000	41.530 .000	24.145.000	28.332.000. 000
1661339 438.9	2022-08- 24T13:10:38.90	41.500 .000	24.155 .000	194.00 0.000	41.500 .000	24.155.000	28.339.000. 000



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1661339 439.9	2022-08- 24T13:10:39.90 0000+02:00	41.530 .000	24.135 .000	192.00 0.000	41.530 .000	24.135.000	28.337.000. 000
1661339 440.9	2022-08- 24T13:10:40.90 0000+02:00	41.510 .000	24.155 .000	189.00 0.000	41.510 .000	24.155.000	28.326.000. 000
1661339 441.9	2022-08- 24T13:10:41.90 0000+02:00	41.480 .000	24.155 .000	187.00 0.000	41.480 .000	24.155.000	28.325.000. 000
1661339 442.9	2022-08- 24T13:10:42.90 0000+02:00	41.490 .000	24.145 .000	185.00 0.000	41.490 .000	24.145.000	28.326.000. 000
1661339 443.9	2022-08- 24T13:10:43.90 0000+02:00	41.560 .000	24.175 .000	182.00 0.000	41.560 .000	24.175.000	28.335.000. 000
1661339 444.9	2022-08- 24T13:10:44.90 0000+02:00	41.540 .000	24.175 .000	180.00 0.000	41.540 .000	24.175.000	28.329.000. 000
1661339 445.9	2022-08- 24T13:10:45.90 0000+02:00	41.490 .000	24.145 .000	177.00 0.000	41.490 .000	24.145.000	28.330.000. 000
1661339 446.9	2022-08- 24T13:10:46.90 0000+02:00	41.500 .000	24.160 .000	175.00 0.000	41.500 .000	24.160.000	28.329.000. 000
1661339 447.9	2022-08- 24T13:10:47.90 0000+02:00	41.510 .000	24.145 .000	173.00 0.000	41.510 .000	24.145.000	28.316.000. 000
1661339 448.9	2022-08- 24T13:10:48.90 0000+02:00	41.500 .000	24.160 .000	171.00 0.000	41.500 .000	24.160.000	28.323.000. 000
1661339 449.9	2022-08- 24T13:10:49.90 0000+02:00	41.520 .000	24.145 .000	169.00 0.000	41.520 .000	24.145.000	28.323.000. 000
1661339 450.9	2022-08- 24T13:10:50.90 0000+02:00	41.540 .000	24.165 .000	168.00 0.000	41.540 .000	24.165.000	28.306.000. 000
1661339 451.9	2022-08- 24T13:10:51.90 0000+02:00	41.540 .000	24.145 .000	166.00 0.000	41.540 .000	24.145.000	28.301.000. 000
1661339 452.9	2022-08- 24T13:10:52.90 0000+02:00	41.520 .000	24.150 .000	164.00 0.000	41.520 .000	24.150.000	28.310.000. 000
1661339 453.9	2022-08- 24T13:10:53.90 0000+02:00	41.520 .000	24.160 .000	163.00 0.000	41.520 .000	24.160.000	28.311.000. 000
1661339 454.9	2022-08- 24T13:10:54.90 0000+02:00	41.540 .000	24.165 .000	161.00 0.000	41.540 .000	24.165.000	28.307.000. 000
1661339 455.9	2022-08- 24T13:10:55.90 0000+02:00	41.560 .000	24.155 .000	159.00 0.000	41.560 .000	24.155.000	28.304.000. 000
1661339 456.9	2022-08- 24T13:10:56.90 0000+02:00	41.540 .000	24.155 .000	158.00 0.000	41.540 .000	24.155.000	28.311.000. 000
1661339 457.9	2022-08- 24T13:10:57.90	41.530 .000	24.145 .000	156.00 0.000	41.530 .000	24.145.000	28.316.000. 000



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1661339 458.9	2022-08- 24T13:10:58.90 0000+02:00	41.560 .000	24.165 .000	154.00 0.000	41.560 .000	24.165.000	28.313.000. 000
1661339 459.9	2022-08- 24T13:10:59.90 0000+02:00	41.540 .000	24.165 .000	153.00 0.000	41.540 .000	24.165.000	28.309.000. 000
1661339 460.9	2022-08- 24T13:11:00.90 0000+02:00	41.590 .000	24.180 .000	151.00 0.000	41.590 .000	24.180.000	28.298.000. 000
1661339 461.9	2022-08- 24T13:11:01.90 0000+02:00	41.540 .000	24.155 .000	150.00 0.000	41.540 .000	24.155.000	28.297.000. 000
1661339 462.9	2022-08- 24T13:11:02.90 0000+02:00	41.570 .000	24.150 .000	149.00 0.000	41.570 .000	24.150.000	28.288.000. 000
1661339 463.9	2022-08- 24T13:11:03.90 0000+02:00	41.550 .000	24.165 .000	148.00 0.000	41.550 .000	24.165.000	28.299.000. 000
1661339 464.9	2022-08- 24T13:11:04.90 0000+02:00	41.540 .000	24.185 .000	146.00 0.000	41.540 .000	24.185.000	28.299.000. 000
1661339 465.9	2022-08- 24T13:11:05.90 0000+02:00	41.540 .000	24.170 .000	145.00 0.000	41.540 .000	24.170.000	28.304.000. 000
1661339 466.9	2022-08- 24T13:11:06.90 0000+02:00	41.550 .000	24.165 .000	144.00 0.000	41.550 .000	24.165.000	28.295.000. 000
1661339 467.9	2022-08- 24T13:11:07.90 0000+02:00	41.540 .000	24.170 .000	143.00 0.000	41.540 .000	24.170.000	28.292.000. 000
1661339 468.9	2022-08- 24T13:11:08.90 0000+02:00	41.580 .000	24.180 .000	141.00 0.000	41.580 .000	24.180.000	28.299.000. 000
1661339 469.9	2022-08- 24T13:11:09.90 0000+02:00	41.560 .000	24.140 .000	140.00 0.000	41.560 .000	24.140.000	28.291.000. 000
1661339 470.9	2022-08- 24T13:11:10.90 0000+02:00	41.570 .000	24.155 .000	139.00 0.000	41.570 .000	24.155.000	28.290.000. 000
1661339 471.9	2022-08- 24T13:11:11.90 0000+02:00	41.520 .000	24.155 .000	138.00 0.000	41.520 .000	24.155.000	28.293.000. 000
1661339 472.9	2022-08- 24T13:11:12.90 0000+02:00	41.560 .000	24.170 .000	137.00 0.000	41.560 .000	24.170.000	28.290.000. 000
1661339 473.9	2022-08- 24T13:11:13.90 0000+02:00	41.570 .000	24.180 .000	136.00 0.000	41.570 .000	24.180.000	28.297.000. 000
1661339 474.9	2022-08- 24T13:11:14.90 0000+02:00	41.550 .000	24.165 .000	135.00 0.000	41.550 .000	24.165.000	28.299.000. 000
1661339 475.9	2022-08- 24T13:11:15.90 0000+02:00	41.560 .000	24.160 .000	134.00 0.000	41.560 .000	24.160.000	28.298.000. 000
1661339 476.9	2022-08- 24T13:11:16.90	41.570 .000	24.170 .000	133.00 0.000	41.570 .000	24.170.000	28.291.000. 000



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1661339 477.9	2022-08- 24T13:11:17.90 0000+02:00	41.550 .000	24.165 .000	132.00 0.000	41.550 .000	24.165.000	28.296.000. 000
1661339 478.9	2022-08- 24T13:11:18.90 0000+02:00	41.570 .000	24.155 .000	131.00 0.000	41.570 .000	24.155.000	28.303.000. 000
1661339 479.9	2022-08- 24T13:11:19.90 0000+02:00	41.540 .000	24.160 .000	129.00 0.000	41.540 .000	24.160.000	28.309.000. 000
1661339 480.9	2022-08- 24T13:11:20.90 0000+02:00	41.590 .000	24.170 .000	128.00 0.000	41.590 .000	24.170.000	28.304.000. 000
1661339 481.9	2022-08- 24T13:11:21.90 0000+02:00	41.580 .000	24.155 .000	127.00 0.000	41.580 .000	24.155.000	28.301.000. 000
1661339 482.9	2022-08- 24T13:11:22.90 0000+02:00	41.590 .000	24.175 .000	126.00 0.000	41.590 .000	24.175.000	28.306.000. 000
1661339 483.9	2022-08- 24T13:11:23.90 0000+02:00	41.550 .000	24.160 .000	125.00 0.000	41.550 .000	24.160.000	28.307.000. 000
1661339 484.9	2022-08- 24T13:11:24.90 0000+02:00	41.550 .000	24.150 .000	124.00 0.000	41.550 .000	24.150.000	28.307.000. 000
1661339 485.9	2022-08- 24T13:11:25.90 0000+02:00	41.590 .000	24.165 .000	124.00 0.000	41.590 .000	24.165.000	28.304.000. 000
1661339 486.9	2022-08- 24T13:11:26.90 0000+02:00	41.570 .000	24.165 .000	123.00 0.000	41.570 .000	24.165.000	28.309.000. 000
1661339 487.9	2022-08- 24T13:11:27.90 0000+02:00	41.590 .000	24.170 .000	122.00 0.000	41.590 .000	24.170.000	28.308.000. 000
1661339 488.9	2022-08- 24T13:11:28.90 0000+02:00	41.530 .000	24.175 .000	121.00 0.000	41.530 .000	24.175.000	28.311.000. 000
1661339 489.9	2022-08- 24T13:11:29.90 0000+02:00	41.570 .000	24.165 .000	120.00 0.000	41.570 .000	24.165.000	28.299.000. 000
1661339 490.9	2022-08- 24T13:11:30.90 0000+02:00	41.550 .000	24.170 .000	120.00 0.000	41.550 .000	24.170.000	28.300.000. 000
1661339 491.9	2022-08- 24T13:11:31.90 0000+02:00	41.560 .000	24.170 .000	119.00 0.000	41.560 .000	24.170.000	28.303.000. 000
1661339 492.9	2022-08- 24T13:11:32.90 0000+02:00	41.570 .000	24.165 .000	119.00 0.000	41.570 .000	24.165.000	28.290.000. 000
1661339 493.9	2022-08- 24T13:11:33.90 0000+02:00	41.570 .000	24.185 .000	119.00 0.000	41.570 .000	24.185.000	28.283.000. 000
1661339 494.9	2022-08- 24T13:11:34.90 0000+02:00	41.580 .000	24.170 .000	118.00 0.000	41.580 .000	24.170.000	28.289.000. 000
1661339 495.9	2022-08- 24T13:11:35.90	41.560 .000	24.155 .000	118.00 0.000	41.560 .000	24.155.000	28.290.000. 000



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1661339 496.9	2022-08- 24T13:11:36.90 0000+02:00	41.580 .000	24.170 .000	118.00 0.000	41.580 .000	24.170.000	28.293.000. 000
1661339 497.9	2022-08- 24T13:11:37.90 0000+02:00	41.600 .000	24.180 .000	117.00 0.000	41.600 .000	24.180.000	28.296.000. 000
1661339 498.9	2022-08- 24T13:11:38.90 0000+02:00	41.550 .000	24.185 .000	117.00 0.000	41.550 .000	24.185.000	28.297.000. 000
1661339 499.9	2022-08- 24T13:11:39.90 0000+02:00	41.560 .000	24.160 .000	116.00 0.000	41.560 .000	24.160.000	28.299.000. 000
1661339 500.9	2022-08- 24T13:11:40.90 0000+02:00	41.580 .000	24.175 .000	116.00 0.000	41.580 .000	24.175.000	28.292.000. 000
1661339 501.9	2022-08- 24T13:11:41.90 0000+02:00	41.580 .000	24.185 .000	116.00 0.000	41.580 .000	24.185.000	28.295.000. 000
1661339 502.9	2022-08- 24T13:11:42.90 0000+02:00	41.560 .000	24.175 .000	115.00 0.000	41.560 .000	24.175.000	28.294.000. 000
1661339 503.9	2022-08- 24T13:11:43.90 0000+02:00	41.570 .000	24.185 .000	115.00 0.000	41.570 .000	24.185.000	28.299.000. 000
1661339 504.9	2022-08- 24T13:11:44.90 0000+02:00	41.600 .000	24.180 .000	115.00 0.000	41.600 .000	24.180.000	28.305.000. 000
1661339 505.9	2022-08- 24T13:11:45.90 0000+02:00	41.560 .000	24.165 .000	114.00 0.000	41.560 .000	24.165.000	28.308.000. 000
1661339 506.9	2022-08- 24T13:11:46.90 0000+02:00	41.590 .000	24.160 .000	114.00 0.000	41.590 .000	24.160.000	28.303.000. 000
1661339 507.9	2022-08- 24T13:11:47.90 0000+02:00	41.600 .000	24.185 .000	114.00 0.000	41.600 .000	24.185.000	28.306.000. 000
1661339 508.9	2022-08- 24T13:11:48.90 0000+02:00	41.590 .000	24.190 .000	113.00 0.000	41.590 .000	24.190.000	28.299.000. 000
1661339 509.9	2022-08- 24T13:11:49.90 0000+02:00	41.570 .000	24.155 .000	113.00 0.000	41.570 .000	24.155.000	28.303.000. 000
1661339 510.9	2022-08- 24T13:11:50.90 0000+02:00	41.570 .000	24.170 .000	113.00 0.000	41.570 .000	24.170.000	28.298.000. 000
1661339 511.9	2022-08- 24T13:11:51.90 0000+02:00	41.570 .000	24.170 .000	113.00 0.000	41.570 .000	24.170.000	28.295.000. 000
1661339 512.9	2022-08- 24T13:11:52.90 0000+02:00	41.600 .000	24.190 .000	113.00 0.000	41.600 .000	24.190.000	28.294.000. 000
1661339 513.9	2022-08- 24T13:11:53.90 0000+02:00	41.580 .000	24.175 .000	112.00 0.000	41.580 .000	24.175.000	28.297.000. 000
1661339 514.9	2022-08- 24T13:11:54.90	41.630 .000	24.185 .000	112.00 0.000	41.630 .000	24.185.000	28.301.000. 000



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1661339 515.9	2022-08- 24T13:11:55.90 0000+02:00	41.580 .000	24.170 .000	112.00 0.000	41.580 .000	24.170.000	28.300.000. 000
1661339 516.9	2022-08- 24T13:11:56.90 0000+02:00	41.630 .000	24.185 .000	112.00 0.000	41.630 .000	24.185.000	28.313.000. 000
1661339 517.9	2022-08- 24T13:11:57.90 0000+02:00	41.620 .000	24.170 .000	112.00 0.000	41.620 .000	24.170.000	28.320.000. 000
1661339 518.9	2022-08- 24T13:11:58.90 0000+02:00	41.600 .000	24.165 .000	111.00 0.000	41.600 .000	24.165.000	28.313.000. 000
1661339 519.9	2022-08- 24T13:11:59.90 0000+02:00	41.600 .000	24.190 .000	111.00 0.000	41.600 .000	24.190.000	28.315.000. 000
1661339 520.9	2022-08- 24T13:12:00.90 0000+02:00	41.590 .000	24.180 .000	111.00 0.000	41.590 .000	24.180.000	28.320.000. 000
1661339 521.9	2022-08- 24T13:12:01.90 0000+02:00	41.590 .000	24.185 .000	111.00 0.000	41.590 .000	24.185.000	28.313.000. 000
1661339 522.9	2022-08- 24T13:12:02.90 0000+02:00	41.610 .000	24.165 .000	111.00 0.000	41.610 .000	24.165.000	28.308.000. 000
1661339 523.9	2022-08- 24T13:12:03.90 0000+02:00	41.660 .000	24.175 .000	111.00 0.000	41.660 .000	24.175.000	28.313.000. 000
1661339 524.9	2022-08- 24T13:12:04.90 0000+02:00	41.630 .000	24.165 .000	111.00 0.000	41.630 .000	24.165.000	28.317.000. 000
1661339 525.9	2022-08- 24T13:12:05.90 0000+02:00	41.610 .000	24.185 .000	110.00 0.000	41.610 .000	24.185.000	28.318.000. 000
1661339 527.0	2022-08- 24T13:12:07+02 :00	41.620 .000	24.185 .000	110.00 0.000	41.620 .000	24.185.000	28.321.000. 000
1661339 527.9	2022-08- 24T13:12:07.90 0000+02:00	41.600 .000	24.185 .000	110.00 0.000	41.600 .000	24.185.000	28.318.000. 000
1661339 529.0	2022-08- 24T13:12:09+02 :00	41.580 .000	24.170 .000	110.00 0.000	41.580 .000	24.170.000	28.327.000. 000
1661339 529.9	2022-08- 24T13:12:09.90 0000+02:00	41.560 .000	24.185 .000	110.00 0.000	41.560 .000	24.185.000	28.329.000. 000
1661339 531.0	2022-08- 24T13:12:11+02 :00	41.610 .000	24.170 .000	110.00 0.000	41.610 .000	24.170.000	28.320.000. 000
1661339 531.9	2022-08- 24T13:12:11.90 0000+02:00	41.620 .000	24.165 .000	110.00 0.000	41.620 .000	24.165.000	28.327.000. 000
1661339 533.0	2022-08- 24T13:12:13+02 :00	41.630 .000	24.165 .000	110.00 0.000	41.630 .000	24.165.000	28.320.000. 000
1661339 533.9	2022-08- 24T13:12:13.90	41.610 .000	24.180 .000	110.00 0.000	41.610 .000	24.180.000	28.317.000. 000



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1661339 535.0	2022-08- 24T13:12:15+02 :00	41.630 .000	24.200 .000	110.00 0.000	41.630 .000	24.200.000	28.313.000. 000
1661339 535.9	2022-08- 24T13:12:15.90 0000+02:00	41.640 .000	24.170 .000	110.00 0.000	41.640 .000	24.170.000	28.310.000. 000
1661339 537.0	2022-08- 24T13:12:17+02 :00	41.640 .000	24.170 .000	110.00 0.000	41.640 .000	24.170.000	28.307.000. 000
1661339 537.9	2022-08- 24T13:12:17.90 0000+02:00	41.630 .000	24.195 .000	110.00 0.000	41.630 .000	24.195.000	28.314.000. 000
1661339 539.0	2022-08- 24T13:12:19+02 :00	41.640 .000	24.200 .000	110.00 0.000	41.640 .000	24.200.000	28.307.000. 000
1661339 539.9	2022-08- 24T13:12:19.90 0000+02:00	41.620 .000	24.195 .000	109.00 0.000	41.620 .000	24.195.000	28.319.000. 000
1661339 540.9	2022-08- 24T13:12:20.90 0000+02:00	41.610 .000	24.185 .000	109.00 0.000	41.610 .000	24.185.000	28.312.000. 000
1661339 541.9	2022-08- 24T13:12:21.90 0000+02:00	41.670 .000	24.185 .000	109.00 0.000	41.670 .000	24.185.000	28.305.000. 000
1661339 542.9	2022-08- 24T13:12:22.90 0000+02:00	41.580 .000	24.185 .000	109.00 0.000	41.580 .000	24.185.000	28.318.000. 000
1661339 543.9	2022-08- 24T13:12:23.90 0000+02:00	41.610 .000	24.180 .000	109.00 0.000	41.610 .000	24.180.000	28.319.000. 000
1661339 544.9	2022-08- 24T13:12:24.90 0000+02:00	41.630 .000	24.185 .000	109.00 0.000	41.630 .000	24.185.000	28.317.000. 000
1661339 545.9	2022-08- 24T13:12:25.90 0000+02:00	41.610 .000	24.165 .000	109.00 0.000	41.610 .000	24.165.000	28.330.000. 000
1661339 546.9	2022-08- 24T13:12:26.90 0000+02:00	41.610 .000	24.175 .000	109.00 0.000	41.610 .000	24.175.000	28.329.000. 000
1661339 547.9	2022-08- 24T13:12:27.90 0000+02:00	41.640 .000	24.180 .000	109.00 0.000	41.640 .000	24.180.000	28.328.000. 000
1661339 548.9	2022-08- 24T13:12:28.90 0000+02:00	41.590 .000	24.170 .000	109.00 0.000	41.590 .000	24.170.000	28.325.000. 000
1661339 549.9	2022-08- 24T13:12:29.90 0000+02:00	41.590 .000	24.180 .000	109.00 0.000	41.590 .000	24.180.000	28.323.000. 000
1661339 550.9	2022-08- 24T13:12:30.90 0000+02:00	41.620 .000	24.190 .000	109.00 0.000	41.620 .000	24.190.000	28.328.000. 000
1661339 551.9	2022-08- 24T13:12:31.90 0000+02:00	41.640 .000	24.190 .000	109.00 0.000	41.640 .000	24.190.000	28.331.000. 000
1661339 552.9	2022-08- 24T13:12:32.90	41.630 .000	24.170 .000	109.00 0.000	41.630 .000	24.170.000	28.318.000. 000



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1661339 553.9	2022-08- 24T13:12:33.90 0000+02:00	41.630 .000	24.185 .000	109.00 0.000	41.630 .000	24.185.000	28.325.000. 000
1661339 554.9	2022-08- 24T13:12:34.90 0000+02:00	41.670 .000	24.170 .000	109.00 0.000	41.670 .000	24.170.000	28.331.000. 000
1661339 555.9	2022-08- 24T13:12:35.90 0000+02:00	41.610 .000	24.185 .000	109.00 0.000	41.610 .000	24.185.000	28.338.000. 000
1661339 556.9	2022-08- 24T13:12:36.90 0000+02:00	41.650 .000	24.180 .000	109.00 0.000	41.650 .000	24.180.000	28.335.000. 000
1661339 557.9	2022-08- 24T13:12:37.90 0000+02:00	41.660 .000	24.185 .000	109.00 0.000	41.660 .000	24.185.000	28.336.000. 000
1661339 558.9	2022-08- 24T13:12:38.90 0000+02:00	41.650 .000	24.170 .000	109.00 0.000	41.650 .000	24.170.000	28.337.000. 000
1661339 560.0	2022-08- 24T13:12:40+02 :00	41.650 .000	24.185 .000	109.00 0.000	41.650 .000	24.185.000	28.335.000. 000
1661339 560.9	2022-08- 24T13:12:40.90 0000+02:00	41.620 .000	24.185 .000	108.00 0.000	41.620 .000	24.185.000	28.332.000. 000
1661339 562.0	2022-08- 24T13:12:42+02 :00	41.640 .000	24.185 .000	108.00 0.000	41.640 .000	24.185.000	28.325.000. 000
1661339 562.9	2022-08- 24T13:12:42.90 0000+02:00	41.640 .000	24.185 .000	108.00 0.000	41.640 .000	24.185.000	28.322.000. 000
1661339 564.0	2022-08- 24T13:12:44+02 :00	41.660 .000	24.195 .000	108.00 0.000	41.660 .000	24.195.000	28.331.000. 000
1661339 564.9	2022-08- 24T13:12:44.90 0000+02:00	41.640 .000	24.175 .000	108.00 0.000	41.640 .000	24.175.000	28.343.000. 000
1661339 566.0	2022-08- 24T13:12:46+02 :00	41.650 .000	24.195 .000	108.00 0.000	41.650 .000	24.195.000	28.342.000. 000
1661339 566.9	2022-08- 24T13:12:46.90 0000+02:00	41.620 .000	24.185 .000	108.00 0.000	41.620 .000	24.185.000	28.337.000. 000
1661339 568.0	2022-08- 24T13:12:48+02 :00	41.640 .000	24.185 .000	108.00 0.000	41.640 .000	24.185.000	28.338.000. 000
1661339 568.9	2022-08- 24T13:12:48.90 0000+02:00	41.630 .000	24.185 .000	108.00 0.000	41.630 .000	24.185.000	28.335.000. 000
1661339 570.0	2022-08- 24T13:12:50+02 :00	41.650 .000	24.205 .000	108.00 0.000	41.650 .000	24.205.000	28.333.000. 000
1661339 570.9	2022-08- 24T13:12:50.90 0000+02:00	41.650 .000	24.170 .000	108.00 0.000	41.650 .000	24.170.000	28.336.000. 000
1661339 572.0	2022-08- 24T13:12:52+02 :00	41.640 .000	24.170 .000	108.00 0.000	41.640 .000	24.170.000	28.335.000. 000



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1661339 572.9	2022-08- 24T13:12:52.90 0000+02:00	41.640 .000	24.190 .000	108.00 0.000	41.640 .000	24.190.000	28.338.000. 000
1661339 574.0	2022-08- 24T13:12:54+02 :00	41.630 .000	24.195 .000	108.00 0.000	41.630 .000	24.195.000	28.341.000. 000
1661339 574.9	2022-08- 24T13:12:54.90 0000+02:00	41.630 .000	24.185 .000	108.00 0.000	41.630 .000	24.185.000	28.341.000. 000
1661339 576.0	2022-08- 24T13:12:56+02 :00	41.650 .000	24.185 .000	108.00 0.000	41.650 .000	24.185.000	28.338.000. 000
1661339 576.9	2022-08- 24T13:12:56.90 0000+02:00	41.660 .000	24.195 .000	108.00 0.000	41.660 .000	24.195.000	28.355.000. 000
1661339 578.0	2022-08- 24T13:12:58+02 :00	41.660 .000	24.205 .000	108.00 0.000	41.660 .000	24.205.000	28.354.000. 000
1661339 578.9	2022-08- 24T13:12:58.90 0000+02:00	41.610 .000	24.180 .000	108.00 0.000	41.610 .000	24.180.000	28.353.000. 000
1661339 580.0	2022-08- 24T13:13:00+02 :00	41.630 .000	24.160 .000	108.00 0.000	41.630 .000	24.160.000	28.355.000. 000
1661339 580.9	2022-08- 24T13:13:00.90 0000+02:00	41.660 .000	24.185 .000	108.00 0.000	41.660 .000	24.185.000	28.336.000. 000
1661339 582.0	2022-08- 24T13:13:02+02 :00	41.670 .000	24.190 .000	108.00 0.000	41.670 .000	24.190.000	28.347.000. 000
1661339 582.9	2022-08- 24T13:13:02.90 0000+02:00	41.670 .000	24.200 .000	108.00 0.000	41.670 .000	24.200.000	28.342.000. 000
1661339 584.0	2022-08- 24T13:13:04+02 :00	41.660 .000	24.195 .000	108.00 0.000	41.660 .000	24.195.000	28.339.000. 000
1661339 584.9	2022-08- 24T13:13:04.90 0000+02:00	41.660 .000	24.190 .000	108.00 0.000	41.660 .000	24.190.000	28.347.000. 000
1661339 585.9	2022-08- 24T13:13:05.90 0000+02:00	41.670 .000	24.200 .000	108.00 0.000	41.670 .000	24.200.000	28.348.000. 000
1661339 586.9	2022-08- 24T13:13:06.90 0000+02:00	41.670 .000	24.185 .000	108.00 0.000	41.670 .000	24.185.000	28.359.000. 000
1661339 587.9	2022-08- 24T13:13:07.90 0000+02:00	41.670 .000	24.160 .000	108.00 0.000	41.670 .000	24.160.000	28.344.000. 000
1661339 589.0	2022-08- 24T13:13:09+02 :00	41.670 .000	24.180 .000	108.00 0.000	41.670 .000	24.180.000	28.349.000. 000
1661339 589.9	2022-08- 24T13:13:09.90 0000+02:00	41.630 .000	24.185 .000	108.00 0.000	41.630 .000	24.185.000	28.349.000. 000
1661339 591.0	2022-08- 24T13:13:11+02 :00	41.670 .000	24.210 .000	108.00 0.000	41.670 .000	24.210.000	28.352.000. 000



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1661339 591.9	2022-08- 24T13:13:11.90 0000+02:00	41.680 .000	24.185 .000	108.00 0.000	41.680 .000	24.185.000	28.339.000. 000
1661339 593.0	2022-08- 24T13:13:13+02 :00	41.670 .000	24.190 .000	108.00 0.000	41.670 .000	24.190.000	28.350.000. 000
1661339 593.9	2022-08- 24T13:13:13.90 0000+02:00	41.660 .000	24.190 .000	108.00 0.000	41.660 .000	24.190.000	28.359.000. 000
1661339 595.0	2022-08- 24T13:13:15+02 :00	41.690 .000	24.200 .000	108.00 0.000	41.690 .000	24.200.000	28.353.000. 000
1661339 595.9	2022-08- 24T13:13:15.90 0000+02:00	41.670 .000	24.185 .000	108.00 0.000	41.670 .000	24.185.000	28.354.000. 000
1661339 597.0	2022-08- 24T13:13:17+02 :00	41.680 .000	24.200 .000	107.00 0.000	41.680 .000	24.200.000	28.359.000. 000
1661339 597.9	2022-08- 24T13:13:17.90 0000+02:00	41.690 .000	24.170 .000	107.00 0.000	41.690 .000	24.170.000	28.364.000. 000
1661339 599.0	2022-08- 24T13:13:19+02 :00	41.670 .000	24.195 .000	107.00 0.000	41.670 .000	24.195.000	28.369.000. 000
1661339 599.9	2022-08- 24T13:13:19.90 0000+02:00	41.680 .000	24.185 .000	107.00 0.000	41.680 .000	24.185.000	28.363.000. 000
1661339 601.0	2022-08- 24T13:13:21+02 :00	41.640 .000	24.210 .000	107.00 0.000	41.640 .000	24.210.000	28.366.000. 000
1661339 601.9	2022-08- 24T13:13:21.90 0000+02:00	41.640 .000	24.170 .000	107.00 0.000	41.640 .000	24.170.000	28.371.000. 000
1661339 603.0	2022-08- 24T13:13:23+02 :00	41.670 .000	24.185 .000	107.00 0.000	41.670 .000	24.185.000	28.362.000. 000
1661339 603.9	2022-08- 24T13:13:23.90 0000+02:00	41.670 .000	24.180 .000	107.00 0.000	41.670 .000	24.180.000	28.365.000. 000
1661339 605.0	2022-08- 24T13:13:25+02 :00	41.690 .000	24.205 .000	107.00 0.000	41.690 .000	24.205.000	28.367.000. 000
1661339 605.9	2022-08- 24T13:13:25.90 0000+02:00	41.670 .000	24.185 .000	107.00 0.000	41.670 .000	24.185.000	28.356.000. 000
1661339 607.0	2022-08- 24T13:13:27+02 :00	41.680 .000	24.185 .000	107.00 0.000	41.680 .000	24.185.000	28.371.000. 000
1661339 607.9	2022-08- 24T13:13:27.90 0000+02:00	41.700 .000	24.200 .000	107.00 0.000	41.700 .000	24.200.000	28.368.000. 000
1661339 609.0	2022-08- 24T13:13:29+02 :00	41.690 .000	24.185 .000	107.00 0.000	41.690 .000	24.185.000	28.369.000. 000
1661339 609.9	2022-08- 24T13:13:29.90	41.690 .000	24.200 .000	107.00 0.000	41.690 .000	24.200.000	28.357.000. 000



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1661339 611.0	2022-08- 24T13:13:31+02 :00	41.700 .000	24.195 .000	107.00 0.000	41.700 .000	24.195.000	28.354.000. 000
1661339 611.9	2022-08- 24T13:13:31.90 0000+02:00	41.680 .000	24.200 .000	107.00 0.000	41.680 .000	24.200.000	28.355.000. 000
1661339 613.0	2022-08- 24T13:13:33+02 :00	41.670 .000	24.195 .000	107.00 0.000	41.670 .000	24.195.000	28.356.000. 000
1661339 613.9	2022-08- 24T13:13:33.90 0000+02:00	41.690 .000	24.180 .000	107.00 0.000	41.690 .000	24.180.000	28.363.000. 000
1661339 615.0	2022-08- 24T13:13:35+02 :00	41.690 .000	24.195 .000	107.00 0.000	41.690 .000	24.195.000	28.355.000. 000
1661339 615.9	2022-08- 24T13:13:35.90 0000+02:00	41.670 .000	24.200 .000	107.00 0.000	41.670 .000	24.200.000	28.352.000. 000
1661339 617.0	2022-08- 24T13:13:37+02 :00	41.670 .000	24.200 .000	107.00 0.000	41.670 .000	24.200.000	28.363.000. 000
1661339 617.9	2022-08- 24T13:13:37.90 0000+02:00	41.690 .000	24.200 .000	107.00 0.000	41.690 .000	24.200.000	28.360.000. 000
1661339 619.0	2022-08- 24T13:13:39+02 :00	41.700 .000	24.185 .000	107.00 0.000	41.700 .000	24.185.000	28.361.000. 000
1661339 620.0	2022-08- 24T13:13:40+02 :00	41.690 .000	24.200 .000	107.00 0.000	41.690 .000	24.200.000	28.361.000. 000
1661339 621.0	2022-08- 24T13:13:41+02 :00	41.670 .000	24.175 .000	107.00 0.000	41.670 .000	24.175.000	28.360.000. 000
1661339 622.0	2022-08- 24T13:13:42+02 :00	41.670 .000	24.200 .000	107.00 0.000	41.670 .000	24.200.000	28.371.000. 000
1661339 623.0	2022-08- 24T13:13:43+02 :00	41.670 .000	24.175 .000	107.00 0.000	41.670 .000	24.175.000	28.366.000. 000
1661339 624.0	2022-08- 24T13:13:44+02 :00	41.710 .000	24.185 .000	107.00 0.000	41.710 .000	24.185.000	28.371.000. 000
1661339 625.0	2022-08- 24T13:13:45+02 :00	41.710 .000	24.210 .000	107.00 0.000	41.710 .000	24.210.000	28.365.000. 000
1661339 626.0	2022-08- 24T13:13:46+02 :00	41.690 .000	24.205 .000	107.00 0.000	41.690 .000	24.205.000	28.376.000. 000
1661339 627.0	2022-08- 24T13:13:47+02 :00	41.670 .000	24.195 .000	107.00 0.000	41.670 .000	24.195.000	28.377.000. 000
1661339 628.0	2022-08- 24T13:13:48+02 :00	41.690 .000	24.185 .000	107.00 0.000	41.690 .000	24.185.000	28.378.000. 000
1661339 629.0	2022-08- 24T13:13:49+02	41.700 .000	24.185 .000	107.00 0.000	41.700 .000	24.185.000	28.369.000. 000



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1661339 630.0	2022-08- 24T13:13:50+02 :00	41.710 .000	24.195 .000	107.00 0.000	41.710 .000	24.195.000	28.365.000. 000
1661339 630.9	2022-08- 24T13:13:50.90 0000+02:00	41.690 .000	24.205 .000	107.00 0.000	41.690 .000	24.205.000	28.376.000. 000
1661339 632.0	2022-08- 24T13:13:52+02 :00	41.700 .000	24.185 .000	107.00 0.000	41.700 .000	24.185.000	28.373.000. 000
1661339 632.9	2022-08- 24T13:13:52.90 0000+02:00	41.700 .000	24.200 .000	106.00 0.000	41.700 .000	24.200.000	28.380.000. 000
1661339 634.0	2022-08- 24T13:13:54+02 :00	41.690 .000	24.200 .000	106.00 0.000	41.690 .000	24.200.000	28.385.000. 000
1661339 634.9	2022-08- 24T13:13:54.90 0000+02:00	41.740 .000	24.205 .000	106.00 0.000	41.740 .000	24.205.000	28.379.000. 000
1661339 636.0	2022-08- 24T13:13:56+02 :00	41.660 .000	24.210 .000	106.00 0.000	41.660 .000	24.210.000	28.382.000. 000
1661339 636.9	2022-08- 24T13:13:56.90 0000+02:00	41.710 .000	24.180 .000	106.00 0.000	41.710 .000	24.180.000	28.381.000. 000
1661339 638.0	2022-08- 24T13:13:58+02 :00	41.700 .000	24.185 .000	106.00 0.000	41.700 .000	24.185.000	28.376.000. 000
1661339 638.9	2022-08- 24T13:13:58.90 0000+02:00	41.730 .000	24.200 .000	106.00 0.000	41.730 .000	24.200.000	28.377.000. 000
1661339 640.0	2022-08- 24T13:14:00+02 :00	41.710 .000	24.200 .000	106.00 0.000	41.710 .000	24.200.000	28.379.000. 000
1661339 640.9	2022-08- 24T13:14:00.90 0000+02:00	41.720 .000	24.185 .000	106.00 0.000	41.720 .000	24.185.000	28.374.000. 000
1661339 642.0	2022-08- 24T13:14:02+02 :00	41.710 .000	24.205 .000	106.00 0.000	41.710 .000	24.205.000	28.379.000. 000
1661339 642.9	2022-08- 24T13:14:02.90 0000+02:00	41.720 .000	24.195 .000	106.00 0.000	41.720 .000	24.195.000	28.382.000. 000
1661339 644.0	2022-08- 24T13:14:04+02 :00	41.700 .000	24.160 .000	106.00 0.000	41.700 .000	24.160.000	28.379.000. 000
1661339 644.9	2022-08- 24T13:14:04.90 0000+02:00	41.730 .000	24.200 .000	106.00 0.000	41.730 .000	24.200.000	28.381.000. 000
1661339 646.0	2022-08- 24T13:14:06+02 :00	41.730 .000	24.190 .000	106.00 0.000	41.730 .000	24.190.000	28.376.000. 000
1661339 647.0	2022-08- 24T13:14:07+02 :00	41.740 .000	24.195 .000	106.00 0.000	41.740 .000	24.195.000	28.377.000. 000
1661339 648.0	2022-08- 24T13:14:08+02 :00	41.740 .000	24.210 .000	106.00 0.000	41.740 .000	24.210.000	28.380.000. 000



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1661339 649.0	2022-08- 24T13:14:09+02 :00	41.710 .000	24.190 .000	106.00 0.000	41.710 .000	24.190.000	28.385.000. 000
1661339 650.0	2022-08- 24T13:14:10+02 :00	41.710 .000	24.200 .000	106.00 0.000	41.710 .000	24.200.000	28.391.000. 000
1661339 651.0	2022-08- 24T13:14:11+02 :00	41.680 .000	24.200 .000	106.00 0.000	41.680 .000	24.200.000	28.386.000. 000
1661339 652.0	2022-08- 24T13:14:12+02 :00	41.730 .000	24.205 .000	106.00 0.000	41.730 .000	24.205.000	28.391.000. 000
1661339 653.0	2022-08- 24T13:14:13+02 :00	41.710 .000	24.190 .000	106.00 0.000	41.710 .000	24.190.000	28.382.000. 000
1661339 654.0	2022-08- 24T13:14:14+02 :00	41.720 .000	24.200 .000	106.00 0.000	41.720 .000	24.200.000	28.395.000. 000
1661339 655.0	2022-08- 24T13:14:15+02 :00	41.720 .000	24.210 .000	106.00 0.000	41.720 .000	24.210.000	28.399.000. 000
1661339 656.0	2022-08- 24T13:14:16+02 :00	41.720 .000	24.195 .000	106.00 0.000	41.720 .000	24.195.000	28.396.000. 000
1661339 657.0	2022-08- 24T13:14:17+02 :00	41.740 .000	24.185 .000	106.00 0.000	41.740 .000	24.185.000	28.393.000. 000
1661339 658.0	2022-08- 24T13:14:18+02 :00	41.730 .000	24.185 .000	106.00 0.000	41.730 .000	24.185.000	28.394.000. 000
1661339 659.0	2022-08- 24T13:14:19+02 :00	41.750 .000	24.200 .000	106.00 0.000	41.750 .000	24.200.000	28.395.000. 000
1661339 660.0	2022-08- 24T13:14:20+02 :00	41.710 .000	24.200 .000	106.00 0.000	41.710 .000	24.200.000	28.399.000. 000
1661339 661.0	2022-08- 24T13:14:21+02 :00	41.730 .000	24.190 .000	106.00 0.000	41.730 .000	24.190.000	28.398.000. 000
1661339 662.0	2022-08- 24T13:14:22+02 :00	41.710 .000	24.215 .000	106.00 0.000	41.710 .000	24.215.000	28.399.000. 000
1661339 663.0	2022-08- 24T13:14:23+02 :00	41.730 .000	24.210 .000	106.00 0.000	41.730 .000	24.210.000	28.402.000. 000
1661339 664.0	2022-08- 24T13:14:24+02 :00	41.720 .000	24.185 .000	106.00 0.000	41.720 .000	24.185.000	28.401.000. 000
1661339 665.0	2022-08- 24T13:14:25+02 :00	41.720 .000	24.220 .000	106.00 0.000	41.720 .000	24.220.000	28.405.000. 000
1661339 666.0	2022-08- 24T13:14:26+02 :00	41.740 .000	24.190 .000	106.00 0.000	41.740 .000	24.190.000	28.402.000. 000
1661339 667.0	2022-08- 24T13:14:27+02 :00	41.740 .000	24.210 .000	105.00 0.000	41.740 .000	24.210.000	28.405.000. 000



		:00					
1661339 668.0	2022-08- 24T13:14:28+02 :00	41.720 .000	24.185 .000	105.00 0.000	41.720 .000	24.185.000	28.402.000. 000
1661339 669.0	2022-08- 24T13:14:29+02 :00	41.750 .000	24.185 .000	105.00 0.000	41.750 .000	24.185.000	28.407.000. 000
1661339 670.0	2022-08- 24T13:14:30+02 :00	41.750 .000	24.200 .000	105.00 0.000	41.750 .000	24.200.000	28.403.000. 000
1661339 671.0	2022-08- 24T13:14:31+02 :00	41.760 .000	24.205 .000	105.00 0.000	41.760 .000	24.205.000	28.392.000. 000
1661339 672.0	2022-08- 24T13:14:32+02 :00	41.740 .000	24.185 .000	105.00 0.000	41.740 .000	24.185.000	28.397.000. 000
1661339 673.0	2022-08- 24T13:14:33+02 :00	41.700 .000	24.190 .000	105.00 0.000	41.700 .000	24.190.000	28.406.000. 000
1661339 674.0	2022-08- 24T13:14:34+02 :00	41.730 .000	24.210 .000	105.00 0.000	41.730 .000	24.210.000	28.409.000. 000
1661339 675.0	2022-08- 24T13:14:35+02 :00	41.730 .000	24.200 .000	105.00 0.000	41.730 .000	24.200.000	28.405.000. 000
1661339 676.0	2022-08- 24T13:14:36+02 :00	41.720 .000	24.205 .000	105.00 0.000	41.720 .000	24.205.000	28.400.000. 000
1661339 677.0	2022-08- 24T13:14:37+02 :00	41.740 .000	24.190 .000	105.00 0.000	41.740 .000	24.190.000	28.415.000. 000
1661339 678.0	2022-08- 24T13:14:38+02 :00	41.740 .000	24.200 .000	105.00 0.000	41.740 .000	24.200.000	28.404.000. 000
1661339 679.0	2022-08- 24T13:14:39+02 :00	41.760 .000	24.205 .000	105.00 0.000	41.760 .000	24.205.000	28.413.000. 000
1661339 680.0	2022-08- 24T13:14:40+02 :00	41.760 .000	24.190 .000	105.00 0.000	41.760 .000	24.190.000	28.421.000. 000
1661339 681.0	2022-08- 24T13:14:41+02 :00	41.730 .000	24.200 .000	105.00 0.000	41.730 .000	24.200.000	28.424.000. 000
1661339 682.0	2022-08- 24T13:14:42+02 :00	41.750 .000	24.195 .000	105.00 0.000	41.750 .000	24.195.000	28.421.000. 000
1661339 683.0	2022-08- 24T13:14:43+02 :00	41.750 .000	24.200 .000	105.00 0.000	41.750 .000	24.200.000	28.418.000. 000
1661339 684.0	2022-08- 24T13:14:44+02 :00	41.750 .000	24.205 .000	105.00 0.000	41.750 .000	24.205.000	28.413.000. 000
1661339 685.0	2022-08- 24T13:14:45+02 :00	41.740 .000	24.185 .000	105.00 0.000	41.740 .000	24.185.000	28.411.000. 000
1661339 686.0	2022-08- 24T13:14:46+02	41.720 .000	24.195 .000	105.00 0.000	41.720 .000	24.195.000	28.406.000. 000



	:00						
1661339	2022-08-	41.780	24.200	105.00	41.780		28.403.000.
687.0	24T13:14:47+02	.000	.000	0.000	.000	24.200.000	000
	:00						

Tabla 1 Señal directa obtenida del ensayo PE1



Sabiendo que la parte útil de una medida comprende algo más de los últimos 6 minutos de un fichero, en este caso tenemos que hay unos 6 minutos de adaptación del sensor a un ambiente normalizado.

A continuación, se muestra la tabla de esta medida adaptada a las indicaciones del apartado de resultados de la memoria:

Tiempo [s]	Index_VOC	RH_RAW	T_RAW	SRAW_VOC	Respuesta normalizada
1	104	46	23	29761	0,95
2	105	46	23	29743	0,94
3	107	46	23	29730	0,93
4	109	46	23	29721	0,93
5	111	46	23	29706	0,92
6	113	46	23	29699	0,91
7	115	46	23	29681	0,90
8	117	46	23	29668	0,90
9	120	46	23	29649	0,89
10	123	46	23	29632	0,88
11	125	46	23	29621	0,87
12	129	46	23	29599	0,86
13	132	46	23	29588	0,85
14	135	46	23	29577	0,84
15	138	46	23	29560	0,83
16	141	46	23	29537	0,82
17	144	46	23	29533	0,82
18	148	46	23	29512	0,80
19	151	46	23	29499	0,80
20	154	46	23	29486	0,79
21	157	46	23	29481	0,79
22	160	46	23	29471	0,78
23	163	46	23	29454	0,77
24	166	46	23	29441	0,76
25	169	46	23	29438	0,76
26	171	46	23	29423	0,75
27	174	46	23	29413	0,75
28	176	46	23	29406	0,74
29	178	46	23	29389	0,73
30	181	46	23	29372	0,72
31	183	46	23	29355	0,71
32	186	46	23	29341	0,70
33	189	46	23	29310	0,69
34	192	46	23	29295	0,68
35	195	46	23	29290	0,67
36	197	46	23	29291	0,67



37	199	46	23	29275	0,67
38	201	46	23	29266	0,66
39	203	46	23	29253	0,65
40	205	46	23	29228	0,64
41	208	46	23	29213	0,63
42	210	46	23	29199	0,62
43	212	46	23	29186	0,61
44	214	46	23	29177	0,61
45	215	46	23	29174	0,61
46	217	46	23	29151	0,59
47	219	46	23	29125	0,58
48	222	46	23	29114	0,57
49	223	46	23	29107	0,57
50	225	46	23	29090	0,56
51	227	46	23	29065	0,54
52	229	46	23	29053	0,53
53	231	46	23	29044	0,53
54	233	46	23	29031	0,52
55	235	46	23	29006	0,51
56	236	46	23	28997	0,50
57	238	46	23	28979	0,49
58	240	46	23	28966	0,48
59	242	46	23	28951	0,47
60	243	46	23	28944	0,47
61	244	46	23	28935	0,47
62	245	46	23	28917	0,45
63	247	46	23	28894	0,44
64	248	46	23	28889	0,44
65	249	46	23	28868	0,43
66	250	46	23	28859	0,42
67	251	46	23	28849	0,41
68	252	46	23	28832	0,40
69	254	46	23	28815	0,39
70	254	46	23	28806	0,39
71	255	46	23	28795	0,38
72	256	47	23	28779	0,37
73	257	47	23	28766	0,37
74	257	47	23	28757	0,36
75	258	47	23	28746	0,35
76	258	47	23	28745	0,35
77	258	47	23	28729	0,34
78	258	47	23	28720	0,34



79	259	47	23	28693	0,32
80	259	47	23	28694	0,32
81	259	47	23	28679	0,31
82	259	47	23	28669	0,31
83	259	47	23	28658	0,30
84	258	47	23	28649	0,30
85	258	47	23	28634	0,29
86	258	47	23	28635	0,29
87	258	47	23	28613	0,28
88	258	47	23	28594	0,26
89	258	47	23	28573	0,25
90	258	47	23	28560	0,24
91	259	47	23	28549	0,24
92	259	47	23	28537	0,23
93	259	47	23	28524	0,22
94	259	47	23	28525	0,22
95	258	47	23	28526	0,22
96	258	47	23	28515	0,22
97	257	47	23	28489	0,20
98	257	47	23	28486	0,20
99	256	47	23	28479	0,20
100	256	47	23	28468	0,19
101	255	47	23	28463	0,19
102	254	47	23	28463	0,19
103	253	47	23	28452	0,18
104	252	47	23	28443	0,18
105	251	47	23	28438	0,17
106	250	47	23	28427	0,17
107	248	47	23	28417	0,16
108	247	47	23	28410	0,16
109	246	47	23	28401	0,15
110	245	47	23	28398	0,15
111	244	47	23	28389	0,14
112	242	47	23	28393	0,15
113	240	47	23	28386	0,14
114	239	47	23	28373	0,13
115	237	47	23	28370	0,13
116	236	47	23	28363	0,13
117	235	47	23	28351	0,12
118	233	47	23	28350	0,12
119	231	47	23	28343	0,12
120	230	47	23	28344	0,12



121	228	47	23	28347	0,12
122	226	47	23	28343	0,12
123	224	47	23	28334	0,11
124	222	47	23	28325	0,11
125	221	47	23	28308	0,10
126	219	47	23	28305	0,09
127	218	47	23	28297	0,09
128	217	47	23	28290	0,09
129	215	47	23	28295	0,09
130	213	47	23	28292	0,09
131	211	47	23	28291	0,09
132	210	47	23	28285	0,08
133	208	47	23	28278	0,08
134	206	47	23	28277	0,08
135	205	47	23	28266	0,07
136	203	47	23	28261	0,07
137	202	47	23	28261	0,07
138	200	47	23	28250	0,06
139	199	47	23	28257	0,07
140	197	47	23	28256	0,07
141	195	47	23	28255	0,07
142	193	47	23	28253	0,06
143	191	47	23	28252	0,06
144	189	47	23	28249	0,06
145	188	47	23	28244	0,06
146	186	47	23	28245	0,06
147	184	47	23	28237	0,05
148	183	47	23	28236	0,05
149	181	47	23	28229	0,05
150	180	47	23	28222	0,05
151	178	47	23	28221	0,05
152	177	47	23	28217	0,04
153	176	47	23	28212	0,04
154	174	47	23	28213	0,04
155	173	47	23	28196	0,03
156	172	47	23	28209	0,04
157	171	47	23	28205	0,04
158	169	47	23	28202	0,03
159	168	47	23	28207	0,04
160	166	47	23	28206	0,04
161	165	47	23	28211	0,04
162	163	47	23	28205	0,04



163	162	47	23	28206	0,04
164	160	47	23	28197	0,03
165	159	47	23	28196	0,03
166	158	47	23	28193	0,03
167	156	47	23	28195	0,03
168	155	47	23	28194	0,03
169	154	47	23	28199	0,03
170	153	47	23	28190	0,03
171	151	47	23	28187	0,03
172	150	47	23	28179	0,02
173	150	47	23	28176	0,02
174	148	47	23	28187	0,03
175	147	47	23	28188	0,03
176	146	47	23	28185	0,02
177	145	47	23	28179	0,02
178	144	47	23	28178	0,02
179	143	47	23	28179	0,02
180	142	47	23	28168	0,01
181	141	47	23	28175	0,02
182	140	47	23	28179	0,02
183	139	47	23	28164	0,01
184	138	47	23	28160	0,01
185	137	47	23	28167	0,01
186	136	47	23	28163	0,01
187	135	47	23	28164	0,01
188	135	47	23	28167	0,01
189	134	47	23	28164	0,01
190	133	47	23	28157	0,01
191	133	47	23	28153	0,01
192	132	47	23	28158	0,01
193	131	47	23	28159	0,01
194	131	47	23	28150	0,00
195	130	47	23	28153	0,01
196	129	47	23	28153	0,01
197	129	47	23	28148	0,00
198	128	47	23	28149	0,00
199	128	47	23	28152	0,00
200	127	47	23	28157	0,01
201	126	47	23	28163	0,01
202	125	47	23	28164	0,01
203	124	47	23	28161	0,01
204	124	47	23	28170	0,02



205	123	47	23	28169	0,01
206	122	47	23	28163	0,01
207	121	47	23	28156	0,01
208	121	47	23	28153	0,01
209	120	47	23	28156	0,01
210	120	47	23	28161	0,01
211	119	47	23	28165	0,01
212	119	47	23	28156	0,01
213	118	47	23	28157	0,01
214	118	47	23	28154	0,01
215	117	47	23	28167	0,01
216	117	47	23	28163	0,01
217	116	47	23	28154	0,01
218	116	47	23	28151	0,00
219	116	47	23	28154	0,01
220	115	47	23	28157	0,01
221	115	47	23	28161	0,01
222	115	47	23	28152	0,00
223	114	47	23	28153	0,01
224	114	47	23	28152	0,00
225	114	47	23	28153	0,01
226	113	47	23	28155	0,01
227	113	47	23	28144	0,00
228	113	47	23	28157	0,01
229	113	47	23	28166	0,01
230	112	47	23	28173	0,02
231	112	47	23	28167	0,01
232	111	47	23	28170	0,02
233	111	47	23	28165	0,01
234	111	47	23	28166	0,01
235	111	47	23	28153	0,01
236	111	47	23	28161	0,01
237	110	47	23	28166	0,01
238	110	47	23	28165	0,01
239	110	47	23	28168	0,01
240	110	47	23	28173	0,02
241	110	47	23	28167	0,01
242	109	47	23	28160	0,01
243	109	47	23	28169	0,01
244	109	47	23	28162	0,01
245	109	47	23	28159	0,01
246	109	47	23	28165	0,01



247	109	47	23	28170	0,02
248	109	47	23	28169	0,01
249	108	47	23	28166	0,01
250	108	47	23	28171	0,02
251	108	47	23	28175	0,02
252	108	47	23	28182	0,02
253	108	47	23	28175	0,02
254	108	47	23	28168	0,01
255	108	47	23	28175	0,02
256	108	47	23	28179	0,02
257	108	47	23	28174	0,02
258	107	47	23	28183	0,02
259	107	47	23	28190	0,03
260	107	47	23	28187	0,03
261	107	47	23	28191	0,03
262	107	47	23	28192	0,03
263	107	47	23	28189	0,03
264	107	47	23	28184	0,02
265	107	47	23	28187	0,03
266	107	47	23	28193	0,03
267	107	47	23	28192	0,03
268	107	48	23	28191	0,03
269	107	47	23	28180	0,02
270	107	47	23	28181	0,02
271	107	47	23	28191	0,03
272	106	47	23	28190	0,03
273	106	48	23	28189	0,03
274	106	47	23	28184	0,02
275	106	47	23	28191	0,03
276	106	48	23	28197	0,03
277	106	48	23	28196	0,03
278	106	48	23	28199	0,03
279	106	48	23	28192	0,03
280	106	47	23	28193	0,03
281	106	48	23	28195	0,03
282	106	48	23	28204	0,04
283	106	48	23	28207	0,04
284	106	48	23	28204	0,04
285	106	48	23	28207	0,04
286	106	48	23	28199	0,03
287	106	48	23	28198	0,03
288	106	48	23	28203	0,03



289	106	48	23	28210	0,04
290	106	48	23	28219	0,04
291	106	48	23	28207	0,04
292	106	48	23	28208	0,04
293	106	48	23	28213	0,04
294	106	48	23	28214	0,04
295	106	48	23	28211	0,04
296	105	48	23	28213	0,04
297	105	48	23	28220	0,04
298	105	48	23	28213	0,04
299	105	48	23	28218	0,04
300	105	48	23	28221	0,05
301	105	48	23	28219	0,04
302	105	48	23	28226	0,05
303	105	48	23	28227	0,05
304	105	48	23	28230	0,05
305	105	48	23	28227	0,05
306	105	48	23	28227	0,05
307	105	48	23	28230	0,05
308	105	48	23	28229	0,05
309	105	48	23	28224	0,05
310	105	48	23	28225	0,05
311	105	48	23	28233	0,05
312	105	48	23	28230	0,05
313	105	48	23	28229	0,05
314	105	48	23	28218	0,04
315	105	48	23	28231	0,05
316	105	48	23	28231	0,05
317	105	48	23	28224	0,05
318	105	48	23	28229	0,05
319	105	48	23	28230	0,05
320	105	48	23	28227	0,05
321	105	48	23	28237	0,05
322	105	48	23	28238	0,06
323	105	48	23	28249	0,06
324	105	48	23	28236	0,05
325	105	48	23	28245	0,06
326	105	48	23	28249	0,06
327	105	48	23	28246	0,06
328	105	48	23	28241	0,06
329	105	48	23	28242	0,06
330	105	48	23	28239	0,06



331	105	48	23	28237	0,05
332	105	48	23	28244	0,06
333	104	48	23	28247	0,06
334	104	48	23	28250	0,06
335	104	48	23	28253	0,06
336	104	48	23	28251	0,06
337	104	48	23	28240	0,06
338	104	48	23	28237	0,05
339	104	48	23	28240	0,06
340	104	48	23	28243	0,06
341	104	48	23	28243	0,06
342	104	48	23	28254	0,06
343	104	48	23	28259	0,07
344	104	48	23	28262	0,07
345	104	48	23	28257	0,07
346	104	48	23	28255	0,07
347	104	48	23	28258	0,07
348	104	48	23	28261	0,07
349	104	48	23	28266	0,07
350	104	48	23	28269	0,07
351	104	48	23	28263	0,07
352	104	48	23	28262	0,07
353	104	48	23	28261	0,07
354	104	48	23	28266	0,07
355	104	48	23	28267	0,07
356	104	48	23	28275	0,08
357	104	48	23	28274	0,08
358	104	48	23	28279	0,08
359	104	48	23	28288	0,08
360	104	48	23	28281	0,08
361	104	48	23	28283	0,08
362	104	48	23	28286	0,08
363	104	48	23	28285	0,08
364	104	48	23	28294	0,09
365	103	48	23	28281	0,08
366	103	48	23	28287	0,08
367	103	48	23	28298	0,09
368	103	48	23	28295	0,09
369	103	48	23	28294	0,09
370	103	48	23	28301	0,09
371	103	48	23	28295	0,09

Tabla 2 Señal adaptada del ensayo PE1

Los gráficos a realizar de cada medida son los correspondientes a los de respuesta del sensor – tiempo. En caso de la señal directa, corresponden con las columnas SRAW_VOC – Local Date, y en el caso de la adaptación, Respuesta normalizada – Tiempo:

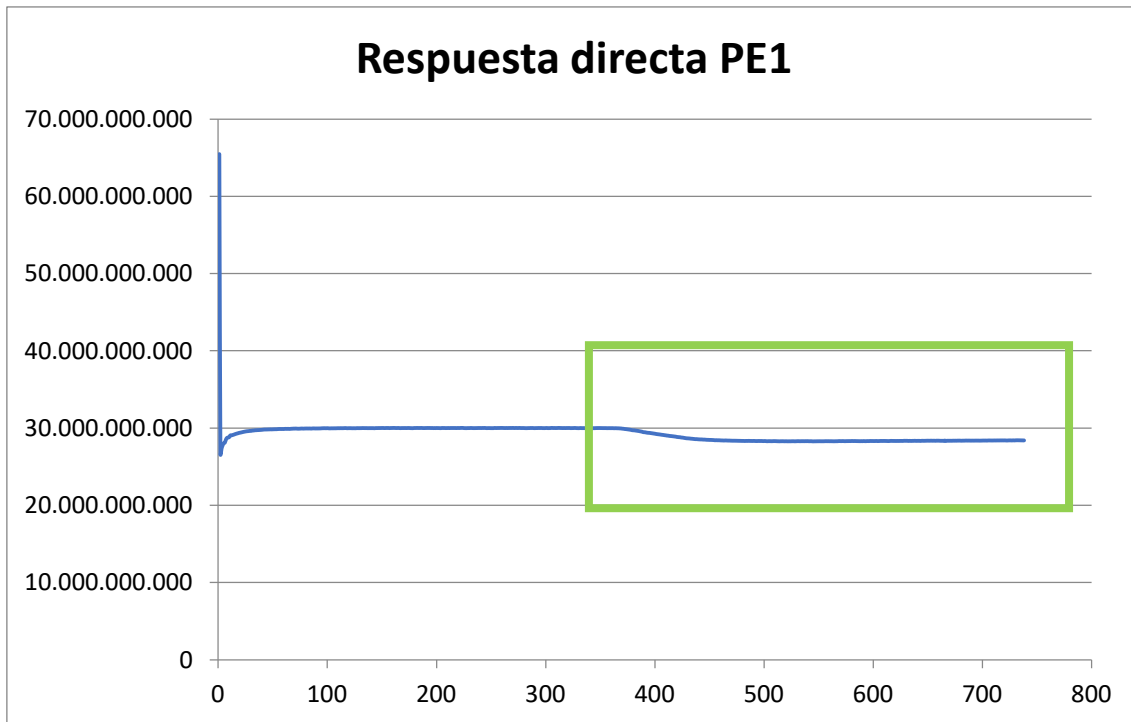


Gráfico 1 Respuesta directa del ensayo PE1

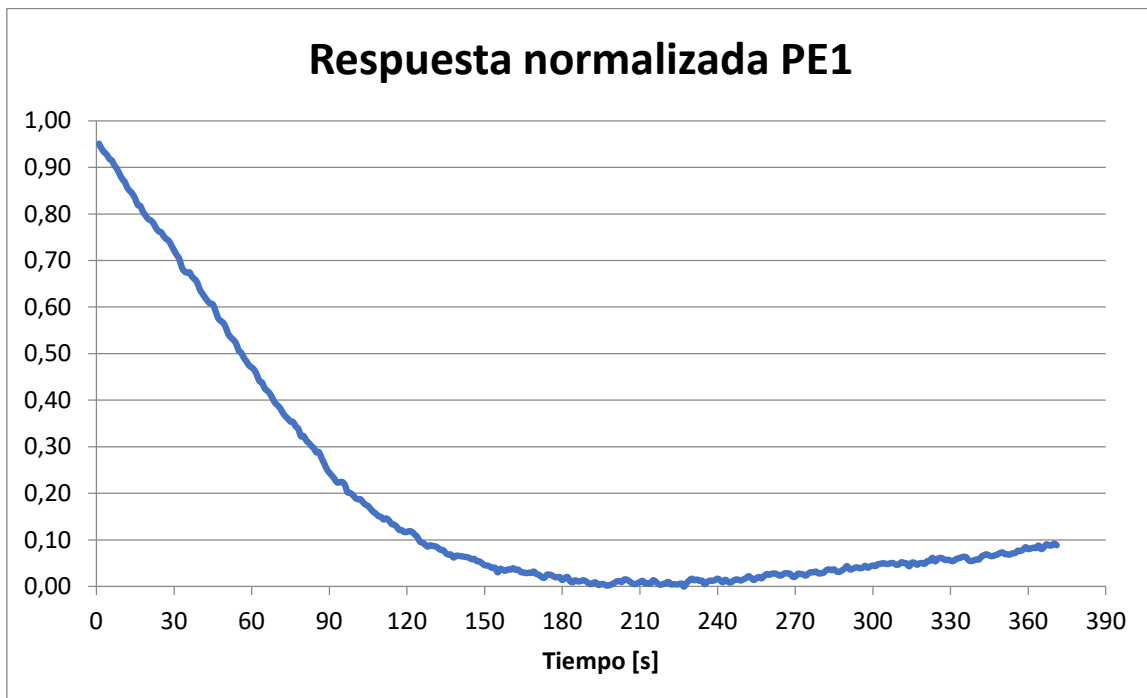


Gráfico 2 Respuesta normalizada del ensayo PE1

Como se puede apreciar, lo que se realiza en la adecuación es un re-escalado y un corte en la medida por tal de centrarla donde interesa, correspondiente a la información contenida en el recuadro verde, y que todas las medidas puedan ser comparables entre sí.