



Certificación 2<sup>o</sup> trimestre 2022 FNMT-RCM  
Datos de tiempo de la central de red ROA2

Real Instituto y Observatorio de la Armada

1 de Julio de 2022



| Datos de tiempo de la central de red ROA2 |          |            |            |            |           |           |       |
|---|----------|------------|------------|------------|-----------|-----------|-------|
| Mes de Abril de 2022                      |          |            |            |            |           |           |       |
| Día                                       | Sinc/día | Media(s)   | Max.(s)    | Min(s).    | RMS(s)    | Frec(ppm) | +/-   |
| 01  | 5400     | -1.130e-06 | -6.900e-07 | -1.548e-06 | 1.106e-07 | 22.12     | 0.062 |
| 02  | 5400     | -1.038e-06 | -5.230e-07 | -1.427e-06 | 1.173e-07 | 21.99     | 0.114 |
| 03  | 5400     | -7.861e-07 | 9.007e-06  | -8.538e-06 | 7.778e-07 | 21.80     | 0.101 |
| 04  | 5400     | -8.460e-07 | -4.280e-07 | -1.420e-06 | 1.250e-07 | 21.84     | 0.107 |
| 05  | 5400     | -9.858e-07 | -6.130e-07 | -1.384e-06 | 9.373e-08 | 21.95     | 0.059 |
| 06  | 5400     | -1.048e-06 | -6.880e-07 | -1.480e-06 | 1.123e-07 | 22.01     | 0.047 |
| 07  | 5400     | -1.109e-06 | -6.770e-07 | -1.601e-06 | 1.229e-07 | 22.08     | 0.064 |
| 08  | 5400     | -1.152e-06 | -7.860e-07 | -1.594e-06 | 1.144e-07 | 22.13     | 0.045 |
| 09  | 5400     | -1.206e-06 | -8.420e-07 | -1.574e-06 | 1.064e-07 | 22.17     | 0.053 |
| 10  | 5400     | -1.089e-06 | 9.154e-06  | -9.309e-06 | 7.329e-07 | 22.10     | 0.125 |
| 11  | 5400     | -1.222e-06 | -7.380e-07 | -1.757e-06 | 1.475e-07 | 22.16     | 0.145 |
| 12  | 5400     | -1.295e-06 | -9.250e-07 | -1.666e-06 | 1.082e-07 | 22.22     | 0.069 |
| 13  | 5400     | -1.245e-06 | -8.620e-07 | -1.669e-06 | 1.168e-07 | 22.22     | 0.060 |
| 14  | 5400     | -1.273e-06 | -8.890e-07 | -1.610e-06 | 1.023e-07 | 22.19     | 0.095 |
| 15  | 5400     | -1.286e-06 | -9.170e-07 | -1.655e-06 | 1.130e-07 | 22.26     | 0.095 |
| 16  | 5400     | -1.115e-06 | -5.940e-07 | -1.570e-06 | 1.401e-07 | 22.07     | 0.178 |
| 17  | 5400     | -1.281e-06 | 9.301e-06  | -9.161e-06 | 8.108e-07 | 22.22     | 0.180 |
| 18  | 5400     | -1.414e-06 | -1.042e-06 | -1.814e-06 | 1.120e-07 | 22.36     | 0.123 |
| 19  | 5400     | -1.288e-06 | -8.070e-07 | -1.804e-06 | 1.510e-07 | 22.29     | 0.198 |
| 20  | 5400     | -1.003e-06 | -5.370e-07 | -1.441e-06 | 1.298e-07 | 22.01     | 0.130 |
| 21  | 5400     | -1.052e-06 | -6.630e-07 | -1.520e-06 | 1.076e-07 | 22.05     | 0.070 |
| 22  | 5400     | -1.186e-06 | -8.010e-07 | -1.602e-06 | 1.149e-07 | 22.15     | 0.076 |
| 23  | 5400     | -1.153e-06 | -7.230e-07 | -1.548e-06 | 1.186e-07 | 22.14     | 0.065 |
| 24  | 5400     | -1.177e-06 | 1.024e-05  | -1.095e-05 | 7.575e-07 | 22.12     | 0.111 |
| 25  | 5400     | -1.246e-06 | -7.390e-07 | -1.682e-06 | 1.198e-07 | 22.19     | 0.101 |
| 26  | 5400     | -1.276e-06 | -7.740e-07 | -1.686e-06 | 1.298e-07 | 22.21     | 0.088 |
| 27  | 5400     | -1.328e-06 | -8.710e-07 | -1.785e-06 | 1.186e-07 | 22.28     | 0.091 |
| 28  | 5400     | -1.310e-06 | -9.030e-07 | -1.786e-06 | 1.177e-07 | 22.25     | 0.114 |
| 29  | 5400     | -1.180e-06 | -6.960e-07 | -1.635e-06 | 1.308e-07 | 22.13     | 0.131 |
| 30  | 5400     | -1.058e-06 | -5.510e-07 | -1.582e-06 | 1.410e-07 | 21.99     | 0.179 |

| Datos de tiempo de la central de red ROA2 |          |            |            |            |           |           |       |
|---|----------|------------|------------|------------|-----------|-----------|-------|
| Mes de Mayo de 2022                       |          |            |            |            |           |           |       |
| Día                                       | Sinc/día | Media(s)   | Max.(s)    | Min(s).    | RMS(s)    | Frec(ppm) | +/-   |
| 01  | 5400     | -1.025e-06 | 8.826e-06  | -1.178e-05 | 7.791e-07 | 22.02     | 0.292 |
| 02  | 5400     | -1.229e-06 | -7.930e-07 | -1.692e-06 | 1.402e-07 | 22.19     | 0.155 |
| 03  | 5400     | -1.222e-06 | -7.850e-07 | -1.670e-06 | 1.288e-07 | 22.20     | 0.149 |
| 04  | 5400     | -1.283e-06 | -7.930e-07 | -1.793e-06 | 1.452e-07 | 22.24     | 0.179 |
| 05  | 5400     | -1.333e-06 | -8.560e-07 | -1.790e-06 | 1.339e-07 | 22.29     | 0.131 |
| 06  | 5400     | -1.255e-06 | -8.030e-07 | -1.717e-06 | 1.363e-07 | 22.24     | 0.168 |
| 07  | 5400     | -1.386e-06 | -9.780e-07 | -1.871e-06 | 1.287e-07 | 22.37     | 0.138 |
| 08  | 5400     | -1.317e-06 | 9.474e-06  | -1.082e-05 | 8.960e-07 | 22.33     | 0.138 |
| 09  | 5400     | -1.114e-06 | -6.470e-07 | -1.764e-06 | 1.568e-07 | 22.17     | 0.230 |
| 10  | 5400     | -9.783e-07 | -5.440e-07 | -1.433e-06 | 1.203e-07 | 21.97     | 0.114 |
| 11  | 5400     | -9.507e-07 | -4.740e-07 | -1.419e-06 | 1.313e-07 | 21.91     | 0.083 |
| 12  | 5400     | -9.948e-07 | -5.670e-07 | -1.491e-06 | 1.267e-07 | 21.98     | 0.138 |
| 13  | 5400     | -1.172e-06 | -6.850e-07 | -1.656e-06 | 1.457e-07 | 22.13     | 0.168 |
| 14  | 5400     | -1.310e-06 | -7.670e-07 | -1.875e-06 | 1.691e-07 | 22.27     | 0.215 |
| 15  | 5400     | -1.453e-06 | 1.001e-05  | -1.000e-05 | 7.780e-07 | 22.41     | 0.117 |
| 16  | 5400     | -1.461e-06 | -1.084e-06 | -1.887e-06 | 1.182e-07 | 22.44     | 0.093 |
| 17  | 5400     | -1.497e-06 | -9.750e-07 | -1.903e-06 | 1.161e-07 | 22.47     | 0.099 |
| 18  | 5400     | -1.412e-06 | -9.520e-07 | -1.944e-06 | 1.390e-07 | 22.37     | 0.150 |
| 19  | 5400     | -1.302e-06 | -8.530e-07 | -1.708e-06 | 1.291e-07 | 22.27     | 0.118 |
| 20  | 5400     | -1.357e-06 | -8.850e-07 | -1.801e-06 | 1.327e-07 | 22.30     | 0.144 |
| 21  | 5400     | -1.425e-06 | -9.940e-07 | -1.826e-06 | 1.205e-07 | 22.38     | 0.100 |
| 22  | 5400     | -1.396e-06 | 9.314e-06  | -1.074e-05 | 9.061e-07 | 22.40     | 0.113 |
| 23  | 5400     | -1.456e-06 | -9.640e-07 | -1.825e-06 | 1.111e-07 | 22.42     | 0.088 |
| 24  | 5400     | -1.427e-06 | -1.000e-06 | -1.819e-06 | 1.087e-07 | 22.40     | 0.108 |
| 25  | 5400     | -1.293e-06 | -8.270e-07 | -1.748e-06 | 1.266e-07 | 22.27     | 0.174 |
| 26  | 5400     | -1.199e-06 | -6.870e-07 | -1.703e-06 | 1.457e-07 | 22.21     | 0.209 |
| 27  | 5400     | -9.696e-07 | -3.300e-07 | -1.519e-06 | 1.594e-07 | 21.89     | 0.239 |
| 28  | 5400     | -1.111e-06 | -5.660e-07 | -1.729e-06 | 2.144e-07 | 22.14     | 0.309 |
| 29  | 5400     | -1.333e-06 | 9.688e-06  | -1.009e-05 | 8.554e-07 | 22.35     | 0.095 |
| 30  | 5400     | -1.392e-06 | -1.054e-06 | -1.767e-06 | 1.058e-07 | 22.37     | 0.088 |
| 31  | 5400     | -1.390e-06 | -1.013e-06 | -1.798e-06 | 1.110e-07 | 22.38     | 0.077 |

| Datos de tiempo de la central de red ROA2 |          |            |            |            |           |           |       |
|---|----------|------------|------------|------------|-----------|-----------|-------|
| Mes de Junio de 2022                      |          |            |            |            |           |           |       |
| Día                                       | Sinc/día | Media(s)   | Max.(s)    | Min(s).    | RMS(s)    | Frec(ppm) | +/-   |
| 01  | 5400     | -1.404e-06 | -1.046e-06 | -1.839e-06 | 1.066e-07 | 22.39     | 0.077 |
| 02  | 5400     | -1.414e-06 | -9.660e-07 | -1.867e-06 | 1.123e-07 | 22.40     | 0.082 |
| 03  | 5400     | -1.400e-06 | -8.500e-07 | -1.830e-06 | 1.122e-07 | 22.39     | 0.090 |
| 04  | 5400     | -1.395e-06 | -9.920e-07 | -1.797e-06 | 1.073e-07 | 22.38     | 0.077 |
| 05  | 5400     | -1.369e-06 | 9.189e-06  | -1.092e-05 | 8.589e-07 | 22.42     | 0.098 |
| 06  | 5400     | -1.420e-06 | -1.005e-06 | -1.868e-06 | 1.201e-07 | 22.42     | 0.109 |
| 07  | 5400     | -1.489e-06 | -1.032e-06 | -1.988e-06 | 1.173e-07 | 22.47     | 0.085 |
| 08  | 5400     | -1.502e-06 | -1.100e-06 | -1.937e-06 | 1.124e-07 | 22.49     | 0.101 |
| 09  | 5400     | -1.457e-06 | -1.045e-06 | -1.846e-06 | 1.163e-07 | 22.43     | 0.091 |
| 10  | 5400     | -1.420e-06 | -1.025e-06 | -1.812e-06 | 1.179e-07 | 22.40     | 0.100 |
| 11  | 5400     | -1.208e-06 | -5.440e-07 | -1.707e-06 | 1.755e-07 | 22.10     | 0.319 |
| 12  | 5400     | -1.103e-06 | 9.502e-06  | -1.072e-05 | 8.573e-07 | 22.15     | 0.136 |
| 13  | 5400     | -1.152e-06 | -7.000e-07 | -1.623e-06 | 1.193e-07 | 22.16     | 0.150 |
| 14  | 5400     | -1.450e-06 | -8.210e-07 | -1.927e-06 | 1.689e-07 | 22.33     | 0.284 |
| 15  | 5400     | -1.461e-06 | -1.109e-06 | -1.875e-06 | 1.106e-07 | 22.45     | 0.084 |
| 16  | 5400     | -1.472e-06 | -1.085e-06 | -1.942e-06 | 1.069e-07 | 22.45     | 0.088 |
| 17  | 5400     | -1.496e-06 | -1.100e-06 | -1.920e-06 | 1.144e-07 | 22.46     | 0.104 |
| 18  | 5400     | -1.518e-06 | -9.570e-07 | -1.879e-06 | 1.065e-07 | 22.48     | 0.078 |
| 19  | 5400     | -1.465e-06 | 9.157e-06  | -1.080e-05 | 8.842e-07 | 22.48     | 0.077 |
| 20  | 5400     | -1.497e-06 | -1.113e-06 | -1.934e-06 | 1.192e-07 | 22.46     | 0.096 |
| 21  | 5400     | -1.461e-06 | -1.074e-06 | -1.842e-06 | 1.180e-07 | 22.44     | 0.083 |
| 22  | 5400     | -1.487e-06 | -1.055e-06 | -1.846e-06 | 1.079e-07 | 22.45     | 0.083 |
| 23  | 5400     | -1.502e-06 | -1.125e-06 | -1.862e-06 | 1.072e-07 | 22.47     | 0.088 |
| 24  | 5400     | -1.486e-06 | -1.130e-06 | -1.873e-06 | 1.078e-07 | 22.48     | 0.101 |
| 25  | 5400     | -1.526e-06 | -1.149e-06 | -1.919e-06 | 1.152e-07 | 22.49     | 0.077 |
| 26  | 5400     | -1.371e-06 | 9.971e-06  | -8.665e-06 | 9.641e-07 | 22.43     | 0.164 |
| 27  | 5400     | -1.389e-06 | -9.280e-07 | -1.846e-06 | 1.202e-07 | 22.38     | 0.148 |
| 28  | 5400     | -1.521e-06 | -1.107e-06 | -1.891e-06 | 1.146e-07 | 22.50     | 0.095 |
| 29  | 5400     | -1.514e-06 | -1.133e-06 | -1.990e-06 | 1.193e-07 | 22.49     | 0.089 |
| 30  | 5400     | -1.518e-06 | -1.126e-06 | -1.907e-06 | 1.132e-07 | 22.50     | 0.095 |



San Fernando a 1 de Julio de 2022



El CF., Jefe de la Sección de Hora