



Certificación 1<sup>er</sup> trimestre 2023 FNMT-RCM  
Datos de tiempo de la central de red FNMT2

Real Instituto y Observatorio de la Armada

4 de Abril de 2023

| Datos de tiempo de la central de red FNMT2 |          |            |           |            |           |           |        |
|--|----------|------------|-----------|------------|-----------|-----------|--------|
| Mes de Enero de 2023                       |          |            |           |            |           |           |        |
| Día  | Sinc/día | Media(s)   | Max.(s)   | Min(s).    | RMS(s)    | Frec(ppm) | +/-    |
| 01   | 5400     | -9.439e-08 | 3.700e-07 | -3.061e-06 | 1.471e-07 | 12.78     | 0.074  |
| 02   | 5400     | -1.607e-07 | 2.990e-07 | -2.629e-06 | 1.467e-07 | 12.85     | 0.141  |
| 03   | 5400     | -1.660e-07 | 3.010e-07 | -2.840e-06 | 1.546e-07 | 12.86     | 0.079  |
| 04   | 5400     | -1.135e-07 | 3.370e-07 | -2.841e-06 | 1.441e-07 | 12.80     | 0.064  |
| 05   | 5400     | -8.505e-08 | 3.640e-07 | -3.027e-06 | 1.471e-07 | 12.78     | 0.074  |
| 06   | 5400     | -3.011e-08 | 1.067e-06 | -3.150e-06 | 1.788e-07 | 12.73     | 0.117  |
| 07   | 5400     | -5.633e-08 | 3.670e-07 | -3.021e-06 | 1.841e-07 | 12.74     | 0.076  |
| 08   | 5400     | -1.959e-07 | 3.560e-07 | -2.750e-06 | 1.538e-07 | 12.88     | 0.141  |
| 09   | 5400     | -2.211e-07 | 2.620e-07 | -3.016e-06 | 2.052e-07 | 12.88     | 0.137  |
| 10   | 5400     | -3.466e-07 | 5.290e-07 | -3.269e-06 | 6.602e-07 | 11.79     | 1.097  |
| 11   | 5400     | -1.767e-07 | 4.280e-07 | -2.912e-06 | 2.629e-07 | 12.47     | 0.471  |
| 12   | 5007     | -9.400e-05 | 4.683e-02 | -5.323e-02 | 2.428e-03 | -15.62    | 28.811 |
| 13   | 5400     | -1.893e-07 | 4.830e-07 | -3.254e-06 | 4.271e-07 | 11.30     | 1.152  |
| 14   | 5400     | -3.253e-08 | 4.670e-07 | -2.809e-06 | 1.285e-07 | 12.37     | 0.062  |
| 15   | 5400     | -1.612e-08 | 4.010e-07 | -2.921e-06 | 1.295e-07 | 12.32     | 0.104  |
| 16   | 5400     | -1.533e-08 | 4.540e-07 | -3.380e-06 | 1.920e-07 | 12.11     | 0.324  |
| 17   | 5400     | -9.373e-08 | 5.080e-07 | -7.250e-07 | 1.126e-07 | 12.43     | 0.085  |
| 18   | 5400     | -5.253e-08 | 3.510e-07 | -1.208e-06 | 1.115e-07 | 12.39     | 0.104  |
| 19   | 5400     | 3.003e-08  | 4.450e-07 | -1.787e-06 | 1.065e-07 | 12.29     | 0.044  |
| 20   | 5400     | -4.453e-08 | 2.890e-07 | -9.450e-07 | 1.065e-07 | 12.38     | 0.081  |
| 21   | 5400     | 6.798e-09  | 5.170e-07 | -2.754e-06 | 1.428e-07 | 12.26     | 0.118  |
| 22   | 5400     | -3.567e-08 | 5.050e-07 | -2.298e-06 | 1.687e-07 | 12.07     | 0.101  |
| 23   | 5400     | 2.517e-09  | 4.830e-07 | -2.985e-06 | 1.768e-07 | 12.11     | 0.152  |
| 24   | 5400     | 7.564e-09  | 5.070e-07 | -2.695e-06 | 2.299e-07 | 12.04     | 0.255  |
| 25   | 5400     | 2.708e-08  | 5.380e-07 | -2.916e-06 | 1.586e-07 | 12.22     | 0.079  |
| 26   | 5400     | -1.142e-07 | 5.060e-07 | -3.028e-06 | 4.325e-07 | 10.94     | 1.316  |
| 27   | 5400     | 1.658e-09  | 6.370e-07 | -2.820e-06 | 1.612e-07 | 12.14     | 0.083  |
| 28   | 5400     | -2.282e-08 | 5.150e-07 | -2.775e-06 | 1.583e-07 | 12.06     | 0.104  |
| 29   | 5400     | -6.107e-08 | 7.450e-07 | -2.717e-06 | 1.935e-07 | 11.98     | 0.079  |
| 30   | 5400     | -1.128e-08 | 5.400e-07 | -3.205e-06 | 1.602e-07 | 12.06     | 0.128  |
| 31   | 5400     | -1.330e-08 | 6.130e-07 | -2.502e-06 | 2.339e-07 | 12.03     | 0.224  |

| Datos de tiempo de la central de red FNMT2 |          |            |            |            |           |           |       |
|--|----------|------------|------------|------------|-----------|-----------|-------|
| Mes de Febrero de 2023                     |          |            |            |            |           |           |       |
| Día  | Sinc/día | Media(s)   | Max.(s)    | Min(s).    | RMS(s)    | Frec(ppm) | +/-   |
| 01   | 5400     | -2.129e-06 | 3.350e-07  | -2.760e-06 | 4.830e-07 | 11.71     | 0.089 |
| 02   | 5400     | -2.177e-06 | 3.290e-07  | -2.774e-06 | 3.584e-07 | 11.67     | 0.074 |
| 03   | 5400     | -1.329e-06 | 4.530e-07  | -2.764e-06 | 1.099e-06 | 11.77     | 0.139 |
| 04   | 5400     | -2.087e-06 | 6.360e-07  | -2.859e-06 | 5.624e-07 | 11.73     | 0.086 |
| 05   | 5400     | -2.228e-06 | 3.130e-07  | -2.856e-06 | 2.119e-07 | 11.66     | 0.074 |
| 06   | 5400     | -1.754e-06 | 3.180e-07  | -2.781e-06 | 9.467e-07 | 11.70     | 0.160 |
| 07   | 5400     | -1.641e-06 | 4.120e-07  | -2.643e-06 | 1.026e-06 | 11.75     | 0.071 |
| 08   | 5400     | -1.724e-06 | 5.060e-07  | -2.704e-06 | 9.636e-07 | 11.73     | 0.091 |
| 09   | 5400     | -1.019e-06 | 3.170e-07  | -2.794e-06 | 1.140e-06 | 11.81     | 0.072 |
| 10   | 5400     | -1.973e-06 | 4.570e-07  | -2.752e-06 | 7.899e-07 | 11.64     | 0.189 |
| 11   | 5400     | -2.141e-06 | -1.541e-06 | -2.641e-06 | 1.180e-07 | 11.37     | 0.107 |
| 12   | 5400     | -2.046e-06 | -1.470e-06 | -2.471e-06 | 1.202e-07 | 11.26     | 0.056 |
| 13   | 5400     | -2.163e-06 | -9.330e-07 | -2.732e-06 | 1.276e-07 | 11.35     | 0.126 |
| 14   | 5400     | -2.173e-06 | -1.328e-06 | -2.573e-06 | 1.141e-07 | 11.37     | 0.079 |
| 15   | 5400     | -2.201e-06 | -1.158e-06 | -2.640e-06 | 1.147e-07 | 11.40     | 0.065 |
| 16   | 5400     | -2.159e-06 | -1.609e-06 | -2.556e-06 | 1.120e-07 | 11.37     | 0.059 |
| 17   | 5400     | -6.629e-07 | 5.020e-07  | -2.559e-06 | 9.572e-07 | 11.84     | 0.609 |
| 18   | 5400     | 1.053e-08  | 5.960e-07  | -2.628e-06 | 1.495e-07 | 12.25     | 0.159 |
| 19   | 5400     | 3.023e-08  | 5.050e-07  | -5.960e-07 | 1.500e-07 | 12.24     | 0.075 |
| 20   | 5400     | -1.721e-08 | 4.280e-07  | -1.070e-06 | 1.132e-07 | 12.33     | 0.095 |
| 21   | 5400     | -5.734e-08 | 5.150e-07  | -1.011e-06 | 1.353e-07 | 12.42     | 0.159 |
| 22   | 5400     | -1.354e-07 | 3.580e-07  | -2.548e-06 | 1.328e-07 | 12.45     | 0.079 |
| 23   | 5400     | -2.552e-07 | 6.840e-07  | -3.625e-06 | 2.184e-07 | 12.57     | 0.147 |
| 24   | 5400     | -2.100e-07 | 2.370e-07  | -1.226e-06 | 1.221e-07 | 12.56     | 0.118 |
| 25   | 5400     | -1.103e-07 | 2.750e-07  | -2.885e-06 | 1.228e-07 | 12.48     | 0.135 |
| 26   | 5400     | -8.645e-08 | 3.910e-07  | -2.766e-06 | 1.212e-07 | 12.39     | 0.090 |
| 27   | 5400     | -3.445e-08 | 4.040e-07  | -2.218e-06 | 1.181e-07 | 12.37     | 0.083 |
| 28   | 5400     | -8.707e-10 | 5.650e-07  | -2.730e-06 | 1.370e-07 | 12.30     | 0.152 |

| Datos de tiempo de la central de red FNMT2 |          |            |            |            |           |           |       |
|--|----------|------------|------------|------------|-----------|-----------|-------|
| Mes de Marzo de 2023                       |          |            |            |            |           |           |       |
| Día  | Sinc/día | Media(s)   | Max.(s)    | Min(s).    | RMS(s)    | Frec(ppm) | +/-   |
| 01   | 5400     | 2.648e-08  | 5.490e-07  | -1.177e-06 | 1.287e-07 | 12.28     | 0.104 |
| 02   | 5400     | -9.792e-09 | 4.480e-07  | -1.608e-06 | 1.291e-07 | 12.37     | 0.141 |
| 03   | 5400     | 4.568e-09  | 4.160e-07  | -1.533e-06 | 1.173e-07 | 12.34     | 0.080 |
| 04   | 5400     | -1.754e-08 | 4.090e-07  | -7.040e-07 | 1.384e-07 | 12.37     | 0.141 |
| 05   | 5400     | -2.064e-07 | 3.170e-07  | -2.504e-06 | 1.330e-07 | 12.57     | 0.135 |
| 06   | 5400     | -4.618e-07 | 4.100e-08  | -1.702e-06 | 1.422e-07 | 12.78     | 0.141 |
| 07   | 5400     | -5.883e-07 | 4.200e-08  | -1.166e-06 | 1.277e-07 | 12.91     | 0.075 |
| 08   | 5400     | -7.364e-07 | -6.400e-08 | -1.269e-06 | 1.469e-07 | 13.07     | 0.147 |
| 09   | 5400     | -7.897e-07 | -2.260e-07 | -1.929e-06 | 1.372e-07 | 13.14     | 0.080 |
| 10   | 5400     | -7.180e-07 | -1.100e-07 | -1.284e-06 | 1.301e-07 | 13.08     | 0.071 |
| 11   | 5400     | -7.443e-07 | -1.420e-07 | -1.250e-06 | 1.325e-07 | 13.08     | 0.062 |
| 12   | 5400     | -7.453e-07 | -1.310e-07 | -1.222e-06 | 1.334e-07 | 13.09     | 0.072 |
| 13   | 5400     | -7.524e-07 | -1.060e-07 | -1.366e-06 | 1.382e-07 | 13.09     | 0.070 |
| 14   | 5400     | -6.321e-07 | -9.600e-08 | -1.212e-06 | 1.325e-07 | 12.99     | 0.110 |
| 15   | 5400     | -5.658e-07 | 1.510e-07  | -1.761e-06 | 1.296e-07 | 12.90     | 0.046 |
| 16   | 5400     | -5.387e-07 | 3.070e-07  | -1.996e-06 | 1.333e-07 | 12.88     | 0.076 |
| 17   | 5400     | -5.609e-07 | 3.300e-08  | -1.156e-06 | 1.309e-07 | 12.90     | 0.082 |
| 18   | 5400     | -5.292e-07 | 7.800e-08  | -1.166e-06 | 1.346e-07 | 12.86     | 0.067 |
| 19   | 5400     | -4.617e-07 | -6.000e-09 | -1.066e-06 | 1.266e-07 | 12.80     | 0.077 |
| 20   | 5400     | -3.880e-07 | 1.330e-07  | -8.400e-07 | 1.235e-07 | 12.72     | 0.060 |
| 21   | 5400     | -4.259e-07 | 4.100e-08  | -1.566e-06 | 1.232e-07 | 12.77     | 0.170 |
| 22   | 5400     | -4.313e-07 | 1.500e-08  | -1.570e-06 | 1.258e-07 | 12.77     | 0.057 |
| 23   | 5400     | -4.135e-07 | 1.290e-07  | -1.287e-06 | 1.218e-07 | 12.74     | 0.048 |
| 24   | 5400     | -5.242e-07 | -1.600e-08 | -1.710e-06 | 1.421e-07 | 12.84     | 0.130 |
| 25   | 5400     | -6.128e-07 | 1.200e-08  | -1.409e-06 | 1.302e-07 | 12.97     | 0.087 |
| 26   | 5400     | -5.801e-07 | 3.630e-07  | -1.368e-06 | 1.389e-07 | 12.90     | 0.117 |
| 27   | 5400     | -4.599e-07 | 1.210e-07  | -1.400e-06 | 1.297e-07 | 12.80     | 0.074 |
| 28   | 5400     | -4.141e-07 | 2.280e-07  | -1.015e-06 | 1.289e-07 | 12.74     | 0.104 |
| 29   | 5400     | -4.076e-07 | 1.720e-07  | -1.009e-06 | 1.260e-07 | 12.74     | 0.068 |
| 30   | 5400     | -5.324e-07 | -3.100e-08 | -1.396e-06 | 1.335e-07 | 12.88     | 0.106 |
| 31   | 5400     | -5.977e-07 | 5.700e-08  | -2.641e-06 | 1.343e-07 | 12.91     | 0.104 |



San Fernando a 4 de Abril de 2023



El CF., Jefe de la Sección de Hora