



Certificación 4^o trimestre 2020 FNMT-RCM
Datos de tiempo de la central de red ROA2

Real Instituto y Observatorio de la Armada

1 de Enero de 2021

| Datos de tiempo de la central de red ROA2 | | | | | | | |
|---|----------|------------|-----------|------------|-----------|-----------|-------|
| Mes de Octubre de 2020 | | | | | | | |
| Día | Sinc/día | Media(s) | Max.(s) | Min(s). | RMS(s) | Frec(ppm) | +/- |
| 01 | 5400 | -1.483e-09 | 3.750e-07 | -4.210e-07 | 1.115e-07 | 20.94 | 0.097 |
| 02 | 5400 | -1.764e-08 | 4.110e-07 | -4.310e-07 | 1.223e-07 | 20.95 | 0.093 |
| 03 | 5400 | 5.319e-08 | 3.760e-07 | -3.920e-07 | 1.141e-07 | 20.91 | 0.076 |
| 04 | 5400 | 3.214e-08 | 9.618e-06 | -1.136e-05 | 8.516e-07 | 20.92 | 0.098 |
| 05 | 5400 | 3.140e-08 | 4.530e-07 | -4.030e-07 | 1.219e-07 | 20.93 | 0.088 |
| 06 | 5400 | 5.132e-08 | 4.500e-07 | -3.830e-07 | 1.112e-07 | 20.93 | 0.091 |
| 07 | 5400 | 4.741e-08 | 4.080e-07 | -3.280e-07 | 1.008e-07 | 20.93 | 0.075 |
| 08 | 5400 | 6.347e-08 | 5.780e-07 | -3.810e-07 | 1.163e-07 | 20.88 | 0.110 |
| 09 | 5400 | 9.378e-09 | 3.680e-07 | -4.590e-07 | 1.188e-07 | 20.94 | 0.097 |
| 10 | 5400 | -1.236e-08 | 3.560e-07 | -4.040e-07 | 1.168e-07 | 20.95 | 0.093 |
| 11 | 5400 | -1.241e-08 | 1.084e-05 | -1.067e-05 | 8.086e-07 | 20.95 | 0.108 |
| 12 | 5400 | 3.165e-08 | 4.310e-07 | -4.150e-07 | 1.180e-07 | 20.93 | 0.117 |
| 13 | 5400 | 3.466e-08 | 4.300e-07 | -4.890e-07 | 1.151e-07 | 20.95 | 0.098 |
| 14 | 5400 | 2.901e-08 | 4.050e-07 | -3.820e-07 | 1.120e-07 | 20.94 | 0.081 |
| 15 | 5400 | 6.371e-08 | 4.510e-07 | -3.450e-07 | 1.103e-07 | 20.88 | 0.098 |
| 16 | 5400 | 4.176e-08 | 4.330e-07 | -3.760e-07 | 1.113e-07 | 20.93 | 0.130 |
| 17 | 5400 | -2.762e-09 | 3.620e-07 | -4.140e-07 | 1.202e-07 | 20.98 | 0.081 |
| 18 | 5400 | 4.379e-08 | 1.003e-05 | -1.027e-05 | 8.833e-07 | 20.91 | 0.133 |
| 19 | 5400 | 3.563e-08 | 4.580e-07 | -4.300e-07 | 1.254e-07 | 20.91 | 0.158 |
| 20 | 5400 | -7.057e-09 | 3.400e-07 | -3.910e-07 | 1.098e-07 | 20.97 | 0.086 |
| 21 | 5400 | -4.923e-08 | 2.920e-07 | -4.300e-07 | 1.098e-07 | 21.02 | 0.088 |
| 22 | 5400 | -1.640e-07 | 3.220e-07 | -7.540e-07 | 1.767e-07 | 21.18 | 0.252 |
| 23 | 5400 | -2.988e-07 | 2.100e-07 | -7.190e-07 | 1.284e-07 | 21.23 | 0.171 |
| 24 | 5400 | -2.792e-07 | 9.500e-08 | -6.950e-07 | 1.088e-07 | 21.26 | 0.070 |
| 25 | 5400 | -2.706e-07 | 9.051e-06 | -1.193e-05 | 8.760e-07 | 21.18 | 0.153 |
| 26 | 5400 | -2.871e-07 | 1.210e-07 | -6.790e-07 | 1.049e-07 | 21.26 | 0.080 |
| 27 | 5400 | -9.857e-08 | 3.910e-07 | -6.270e-07 | 1.675e-07 | 21.06 | 0.226 |
| 28 | 5400 | -4.393e-09 | 4.150e-07 | -4.760e-07 | 1.350e-07 | 20.99 | 0.173 |
| 29 | 5400 | 1.855e-07 | 7.430e-07 | -4.050e-07 | 1.944e-07 | 20.81 | 0.312 |
| 30 | 5400 | 2.201e-07 | 6.600e-07 | -4.060e-07 | 1.353e-07 | 20.74 | 0.178 |
| 31 | 5400 | -1.369e-07 | 3.940e-07 | -7.740e-07 | 1.698e-07 | 21.14 | 0.221 |

| Datos de tiempo de la central de red ROA2 | | | | | | | |
|---|----------|------------|------------|------------|-----------|-----------|-------|
| Mes de Noviembre de 2020 | | | | | | | |
| Día | Sinc/día | Media(s) | Max.(s) | Min(s). | RMS(s) | Frec(ppm) | +/- |
| 01 | 5400 | -2.718e-07 | 9.844e-06 | -9.201e-06 | 8.325e-07 | 21.24 | 0.160 |
| 02 | 5400 | -2.351e-07 | 2.290e-07 | -8.020e-07 | 1.444e-07 | 21.21 | 0.159 |
| 03 | 5400 | -2.816e-07 | 2.700e-07 | -8.200e-07 | 1.549e-07 | 21.24 | 0.177 |
| 04 | 5400 | -3.172e-07 | 1.010e-07 | -7.610e-07 | 1.134e-07 | 21.26 | 0.069 |
| 05 | 5400 | -3.056e-07 | 1.150e-07 | -7.300e-07 | 1.126e-07 | 21.27 | 0.063 |
| 06 | 5400 | -2.138e-07 | 1.810e-07 | -6.420e-07 | 1.184e-07 | 21.18 | 0.050 |
| 07 | 5400 | -2.333e-07 | 1.710e-07 | -6.490e-07 | 1.153e-07 | 21.19 | 0.057 |
| 08 | 5400 | -2.410e-07 | 8.688e-06 | -9.433e-06 | 8.291e-07 | 21.19 | 0.084 |
| 09 | 5400 | -2.392e-07 | 1.260e-07 | -6.510e-07 | 1.043e-07 | 21.21 | 0.043 |
| 10 | 5400 | -2.537e-07 | 1.430e-07 | -6.540e-07 | 1.095e-07 | 21.23 | 0.056 |
| 11 | 5400 | -2.475e-07 | 1.200e-07 | -6.560e-07 | 1.029e-07 | 21.21 | 0.045 |
| 12 | 5400 | -2.444e-07 | 1.120e-07 | -6.220e-07 | 1.073e-07 | 21.20 | 0.037 |
| 13 | 5400 | -2.653e-07 | 1.530e-07 | -7.500e-07 | 1.163e-07 | 21.26 | 0.111 |
| 14 | 5400 | -4.098e-07 | 0.000e+00 | -8.370e-07 | 1.116e-07 | 21.38 | 0.039 |
| 15 | 5400 | -4.371e-07 | 9.050e-06 | -9.470e-06 | 7.362e-07 | 21.34 | 0.101 |
| 16 | 5400 | -4.455e-07 | -4.200e-08 | -8.490e-07 | 1.090e-07 | 21.43 | 0.035 |
| 17 | 5400 | -4.631e-07 | -5.400e-08 | -8.820e-07 | 1.114e-07 | 21.43 | 0.034 |
| 18 | 5400 | -4.710e-07 | -1.090e-07 | -8.660e-07 | 9.488e-08 | 21.43 | 0.043 |
| 19 | 5400 | -4.767e-07 | -6.000e-09 | -8.520e-07 | 1.116e-07 | 21.42 | 0.069 |
| 20 | 5400 | -3.285e-07 | 7.200e-08 | -8.160e-07 | 1.188e-07 | 21.30 | 0.081 |
| 21 | 5400 | -3.179e-07 | 1.030e-07 | -7.470e-07 | 1.129e-07 | 21.27 | 0.100 |
| 22 | 5400 | -1.245e-07 | 9.495e-06 | -1.154e-05 | 8.384e-07 | 21.11 | 0.181 |
| 23 | 5400 | -8.748e-08 | 3.170e-07 | -4.740e-07 | 1.116e-07 | 21.05 | 0.088 |
| 24 | 5400 | -1.551e-07 | 2.700e-07 | -6.490e-07 | 1.308e-07 | 21.14 | 0.138 |
| 25 | 5400 | -3.025e-07 | 1.300e-07 | -7.500e-07 | 1.220e-07 | 21.28 | 0.105 |
| 26 | 5400 | -8.974e-08 | 6.170e-07 | -7.280e-07 | 2.383e-07 | 20.92 | 0.404 |
| 27 | 5400 | -1.677e-07 | 2.620e-07 | -5.990e-07 | 1.201e-07 | 21.08 | 0.130 |
| 28 | 5400 | -2.009e-07 | 2.260e-07 | -6.440e-07 | 1.138e-07 | 21.15 | 0.080 |
| 29 | 5400 | -1.885e-07 | 8.873e-06 | -1.107e-05 | 8.432e-07 | 21.15 | 0.098 |
| 30 | 5400 | -1.306e-07 | 2.320e-07 | -5.970e-07 | 1.082e-07 | 21.12 | 0.082 |

| Datos de tiempo de la central de red ROA2 | | | | | | | |
|---|----------|------------|-----------|------------|-----------|-----------|-------|
| Mes de Diciembre de 2020 | | | | | | | |
| Día | Sinc/día | Media(s) | Max.(s) | Min.(s) | RMS(s) | Frec(ppm) | +/- |
| 01 | 5400 | -9.561e-08 | 2.430e-07 | -5.320e-07 | 1.034e-07 | 21.09 | 0.074 |
| 02 | 5400 | -1.440e-07 | 2.900e-07 | -5.610e-07 | 1.117e-07 | 21.11 | 0.081 |
| 03 | 5400 | -1.355e-07 | 2.250e-07 | -6.210e-07 | 1.131e-07 | 21.10 | 0.075 |
| 04 | 5400 | -1.323e-07 | 2.570e-07 | -8.190e-07 | 1.185e-07 | 21.07 | 0.116 |
| 05 | 5400 | 6.835e-08 | 4.850e-07 | -4.110e-07 | 1.143e-07 | 20.90 | 0.130 |
| 06 | 5400 | 1.103e-07 | 8.766e-06 | -1.159e-05 | 8.481e-07 | 20.85 | 0.096 |
| 07 | 5400 | -8.165e-08 | 4.310e-07 | -4.810e-07 | 1.293e-07 | 21.01 | 0.165 |
| 08 | 5400 | -1.354e-07 | 3.050e-07 | -5.330e-07 | 1.070e-07 | 21.11 | 0.080 |
| 09 | 5400 | -1.007e-07 | 3.080e-07 | -5.570e-07 | 1.237e-07 | 21.09 | 0.122 |
| 10 | 5400 | -2.620e-07 | 1.020e-07 | -7.420e-07 | 1.158e-07 | 21.20 | 0.075 |
| 11 | 5400 | -2.668e-07 | 1.520e-07 | -6.810e-07 | 1.098e-07 | 21.24 | 0.056 |
| 12 | 5400 | -2.730e-07 | 1.960e-07 | -6.900e-07 | 1.160e-07 | 21.25 | 0.039 |
| 13 | 5400 | -2.877e-07 | 8.089e-06 | -8.400e-06 | 7.233e-07 | 21.29 | 0.121 |
| 14 | 5400 | -2.829e-07 | 9.700e-08 | -6.660e-07 | 1.099e-07 | 21.27 | 0.063 |
| 15 | 5400 | -2.803e-07 | 1.910e-07 | -7.580e-07 | 1.135e-07 | 21.23 | 0.104 |
| 16 | 5400 | -2.226e-07 | 2.110e-07 | -6.960e-07 | 1.277e-07 | 21.16 | 0.134 |
| 17 | 5400 | -3.097e-07 | 5.400e-08 | -7.580e-07 | 1.044e-07 | 21.27 | 0.062 |
| 18 | 5400 | -2.694e-07 | 1.750e-07 | -7.450e-07 | 1.206e-07 | 21.22 | 0.110 |
| 19 | 5400 | -2.659e-07 | 9.500e-08 | -6.850e-07 | 1.085e-07 | 21.23 | 0.093 |
| 20 | 5400 | -2.913e-07 | 9.364e-06 | -9.181e-06 | 8.302e-07 | 21.30 | 0.110 |
| 21 | 5400 | -1.973e-07 | 1.980e-07 | -6.100e-07 | 1.155e-07 | 21.19 | 0.110 |
| 22 | 5400 | -2.313e-07 | 2.210e-07 | -6.760e-07 | 1.186e-07 | 21.24 | 0.123 |
| 23 | 5400 | -2.955e-07 | 1.760e-07 | -7.680e-07 | 1.445e-07 | 21.27 | 0.136 |
| 24 | 5400 | -4.295e-07 | 3.800e-08 | -8.230e-07 | 1.158e-07 | 21.35 | 0.082 |
| 25 | 5400 | -2.209e-07 | 2.540e-07 | -6.920e-07 | 1.366e-07 | 21.16 | 0.213 |
| 26 | 5400 | 9.075e-08 | 5.130e-07 | -3.500e-07 | 1.151e-07 | 20.89 | 0.166 |
| 27 | 5400 | -7.952e-08 | 7.771e-06 | -1.203e-05 | 8.320e-07 | 20.98 | 0.123 |
| 28 | 5400 | -1.088e-07 | 2.950e-07 | -6.040e-07 | 1.211e-07 | 21.09 | 0.111 |
| 29 | 5400 | -9.802e-08 | 2.370e-07 | -5.080e-07 | 1.073e-07 | 21.07 | 0.070 |
| 30 | 5400 | -6.609e-08 | 3.220e-07 | -4.250e-07 | 1.088e-07 | 21.04 | 0.085 |
| 31 | 5400 | -6.001e-08 | 3.080e-07 | -5.270e-07 | 1.183e-07 | 21.04 | 0.098 |



San Fernando a 1 de Enero de 2021



El CF., Jefe de la Sección de Hora