CH NO	LAMDA (ANG)	FNU X10**-25 (ECS)	SIGMA	MNU	CH NO	LAMDA (ANG)	FNU X10**-25 (ECS)	SIGMA	MNU	CH NO	LAMDA (ANG)	FNU X10**-25 (ECS)	SIGMA	MNU
1802	6432.90	6.102	.036	11.986	1885	6528.57	5.826	.036	12.037	1967	6620.26	5.893	.038	12.024
1803	6434.07	6.038	.035	11.998	1886	6529.71	5.782	.036	12.045	1968	6621.36	5.900	.038	12.023
1804	6435.24	6.054	.035	11.995	1887	6530.84	5.793	.036	12.043	1969	6622.46	5.956	.038	12.013
1805	6436.41	6.059	.036	11.994	1888	6531.98	5.901	.037	12.023	1970	6623.56	5.889	.038	12.025
1806	6437.58	6.008	.035	12.003	1889	6533.11	5.770	.036	12.047	1971	6624.65	5.862	.038	12.030
1807	6438.74	6.113	.036	11.984	1890	6534.24	5.946	.037	12.029	1972	6625.75	5.912	.038	12.021
1808	6439.91	6.057	.036	11.994	1891	6535.38	5.921	.037	12.019	1973	6626.85	5.970	.039	12.010
1809	6441.08	6.095	.036	11.988	1892	6536.51	5.900	.037	12.023	1974	6627.95	5.953	.039	12.013
1810	6442.24	6.036	.036	11.998	1893	6537.64	6.018	.037	12.001	1975	6629.04	5.940	.039	12.015
1811	6443.41	6.027	.036	12.000	1894	6538.78	6.051	.037	11.995	1976	6630.14	5.906	.039	12.022
1812	6444.57	6.041	.036	11.997	1895	6539.91	5.974	.037	12.009	1977	6631.23	5.811	.038	12.039
1813	6445.74	5.880	.035	12.027	1896	6541.04	5.923	.037	12.019	1978	6632.33	5.898	.039	12.023
1814	6446.90	5.948	.035	12.014	1897	6542.17	5.920	.037	12.019	1979	6633.42	5.913	.039	12.020
1815	6448.07	5.887	.035	12.025	1898	6543.30	5.863	.037	12.030	1980	6634.52	5.805	.038	12.041
1816	6449.23	5.889	.035	12.025	1899	6544.43	5.806	.037	12.040	1981	6635.61	5.844	.038	12.033
1817	6450.39	5.815	.035	12.039	1900	6545.56	5.715	.036	12.057	1982	6636.70	5.841	.038	12.034
1818	6451.55	5.883	.035	12.026	1901	6546.69	5.672	.036	12.066	1983	6637.80	5.832	.038	12.035
1819	6452.72	5.951	.035	12.013	1902	6547.82	5.625	.036	12.075	1984	6638.89	5.776	.038	12.046
1820	6453.88	5.980	.036	12.008	1903	6548.95	5.626	.036	12.074	1985	6639.98	5.786	.038	12.044
1821	6455.04	5.992	.036	12.006	1904	6550.08	5.600	.036	12.079	1986	6641.07	5.760	.038	12.049
1822	6456.20	5.815	.035	12.039	1905	6551.20	5.538	.036	12.092	1987	6642.16	5.815	.038	12.039
1823	6457.36	5.855	.035	12.031	1906	6552.33	5.364	.036	12.126	1988	6643.25	5.797	.038	12.042
1824	6458.52	5.916	.035	12.020	1907	6553.46	5.373	.036	12.125	1989	6644.34	5.682	.039	12.026
1825	6459.68	5.990	.036	12.006	1908	6554.58	5.310	.035	12.137	1990	6645.43	5.909	.039	12.021
1826	6460.84	5.957	.036	12.012	1909	6555.71	5.281	.035	12.143	1991	6646.52	5.939	.039	12.016
1827	6462.00	5.897	.035	12.023	1910	6556.84	5.217	.035	12.156	1992	6647.61	5.926	.039	12.018
1828	6463.16	6.007	.036	12.003	1911	6557.96	5.179	.035	12.164	1993	6648.69	5.919	.039	12.019
1829	6464.32	5.973	.036	12.009	1912	6559.09	5.165	.035	12.167	1994	6649.78	6.052	.039	11.995
1830	6465.48	5.997	.036	12.005	1913	6560.21	5.193	.035	12.161	1995	6650.87	5.967	.039	12.011
1831	6466.64	6.033	.036	11.999	1914	6561.33	5.195	.035	12.163	1996	6651.96	5.919	.039	12.019
1832	6467.79	5.975	.036	12.009	1915	6562.46	5.227	.035	12.154	1997	6653.04	5.946	.039	12.014
1833	6468.95	6.049	.036	11.996	1916	6563.58	5.246	.035	12.150	1998	6654.13	6.005	.039	12.004
1834	6470.11	6.028	.036	12.000	1917	6564.70	5.215	.035	12.157	1999	6655.21	5.923	.039	12.019
1835	6471.26	6.051	.036	11.995	1918	6565.82	5.170	.035	12.166	2000	6656.30	5.976	.039	12.009
1836	6472.42	6.037	.036	11.998	1919	6566.95	5.257	.035	12.148	2001	6657.38	5.955	.039	12.013
1837	6473.58	6.076	.036	11.991	1920	6568.07	5.237	.035	12.152	2002	6658.46	5.822	.039	12.037
1838	6474.73	6.081	.036	11.990	1921	6569.19	5.227	.035	12.154	2003	6659.55	5.925	.039	12.018
1839	6475.89	6.074	.036	11.991	1922	6570.31	5.351	.036	12.129	2004	6660.63	5.921	.039	12.019
1840	6477.04	6.086	.036	11.989	1923	6571.43	5.359	.036	12.127	2005	6661.71	5.851	.039	12.032
1841	6478.19	6.120	.036	11.983	1924	6572.55	5.386	.036	12.122	2006	6662.79	5.829	.039	12.036
1842	6479.35	6.070	.036	11.992	1925	6573.67	5.554	.036	12.088	2007	6663.87	5.910	.039	12.021
1843	6480.50	6.055	.036	11.995	1926	6574.78	5.569	.036	12.086	2008	6664.95	5.860	.039	12.030
1844	6481.65	5.996	.036	12.005	1927	6575.90	5.625	.037	12.075	2009	6666.03	5.772	.039	12.047
1845	6482.81	5.959	.036	12.012	1928	6577.02	5.628	.037	12.074	2010	6667.11	5.863	.039	12.030
1846	6483.96	6.056	.036	11.994	1929	6578.14	5.784	.037	12.044	2011	6668.19	5.927	.039	12.018
1847	6485.11	5.997	.036	12.005	1930	6579.25	5.751	.037	12.051	2012	6669.27	5.904	.039	12.022
1848	6486.26	6.000	.036	12.005	1931	6580.37	5.727	.037	12.055	2013	6670.35	5.760	.039	12.049
1849	6487.41	5.922	.036	12.019	1932	6581.49	5.771	.037	12.047	2014	6671.43	5.778	.039	12.046
1850	6488.56	5.976	.036	12.009	1933	6582.60	5.821	.037	12.038	2015	6672.50	5.797	.039	12.042
1851	6489.71	5.960	.036	12.012	1934	6583.72	5.766	.037	12.048	2016	6673.58	5.853	.039	12.031
1852	6490.86	5.951	.036	12.014	1935	6584.83	5.776	.037	12.046	2017	6674.66	5.829	.039	12.036
1853	6492.01	5.893	.036	12.024	1936	6585.95	5.843	.038	12.033	2018	6675.73	5.842	.039	12.034
1854	6493.16	5.811	.036	12.039	1937	6587.06	5.828	.038	12.036	2019	6676.81	5.923	.040	12.019
1855	6494.31	5.885	.036	12.026	1938	6588.17	5.823	.037	12.037	2020	6677.88	5.908	.040	12.021
1856	6495.46	5.853	.036	12.032	1939	6589.28	5.812	.038	12.039	2021	6678.96	5.884	.040	12.026
1857	6496.60	5.932	.036	12.017	1940	6590.40	5.738	.037	12.053	2022	6680.03	5.988	.040	12.007
1858	6497.75	5.922	.036	12.019	1941	6591.51	5.794	.038	12.043	2023	6681.10	6.060	.040	11.994
1859	6498.90	5.896	.036	12.024	1942	6592.62	5.797	.038	12.042	2024	6682.18	6.026	.040	12.000
1860	6500.04	5.969	.036	12.010	1943	6593.73	5.806	.038	12.040	2025	6683.25	5.998	.040	12.005
1861	6501.19	5.952	.036	12.013	1944	6594.84	5.852	.038	12.032	2026	6684.32	6.176	.041	11.973
1862	6502.34	6.022	.037	12.001	1945	6595.95	5.835	.038	12.035	2027	6685.39	6.040	.040	11.997
1863	6503.48	5.819	.036	12.038	1946	6597.06	5.922	.038	12.019	2028	6686.46	5.918	.040	12.020
1864	6504.63	5.904	.036	12.022	1947	6598.17	5.853	.038	12.032	2029	6687.53	5.937	.040	12.016
1865	6505.77	5.862	.036	12.030	1948	6599.28	5.812	.038	12.039	2030	6688.60	5.950	.040	12.014
1866	6506.91	5.856	.036	12.031	1949	6600.39	5.825	.038	12.037	2031	6689.67	5.967	.040	12.011
1867	6508.06	5.896	.036	12.024	1950	6601.50	5.784	.038	12.044	2032	6690.74	5.926	.040	12.018
1868	6509.20	5.845	.036	12.033	1951	6602.60	5.794	.038	12.043	2033	6691.81	6.010	.040	12.003
1869	6510.34	5.870	.036	12.028	1952	6603.71	5.747	.038	12.051	2034	6692.88	6.053	.040	11.995
1870	6511.49	5.805	.036	12.040	1953	6604.82	5.873	.038	12.028	2035	6693.94	6.103	.040	11.986
1871	6512.63	5.840	.036	12.034	1954	6605.92	5.878	.038	12.027	2036	6695.01	6.051	.040	11.995
1872	6513.77	5.859	.036	12.030	1955	6607.03	5.845	.038	12.033	2037	6696.08	6.103	.041	11.986
1873	6514.91	5.863	.036	12.030	1956	6608.13	5.764	.038	12.048	2038	6697.14	6.072	.040	11.992
1874	6516.05	5.892	.036	12.024	1957	6609.24	5.869	.038	12.029	2039	6698.21	6.003	.040	12.004
1875	6517.19	5.976	.037	12.009	1958	6610.34	5.750	.038	12.051	2040	6699.27	6.025	.040	12.000
1876	6518.33	5.946	.037	12.015	1959	6611.45	5.889	.038	12.025	2041	6700.34	6.028	.040	11.999
1877	6519.47	5.998	.037	12.005	1960	6612.55	5.864	.038	12.029	2042	6701.40	5.979	.040	12.008
1878	6520.61	6.019	.037	12.001	1961	6613.65	5.919	.038	12.019	2043	6702.47	6.102	.041	11.986
1879	6521.75	6.057	.037	11.994	1962	6614.75	5.950	.038	12.014	2044	6703.53	6.105	.041	11.986
1880	6522.89	6.044	.037	11.997	1963	6615.86	5.900	.038	12.023	2045	6704.59	6.132	.041	11.981
1881	6524.02	6.024	.037	12.000	1964	6616.96	5.853	.038	12.031	2046	6705.65	6.040	.041	11.997
1882	6525.16	5.957	.037	12.013	1965	6618.06	5.916	.038	12.020	2047	6706.71	6.099	.041	11.987
1883	6526.30	5.849	.036	12.032	1966	6619.16	5.843	.038	12.033	2048	6707.77	5.976	.040	12.009
1884	6527.43	5.952	.037	12.013										

CH NO	LAMDA (ANG)	FNU X10**-25 (ECS)	SIGMA	MNU	CH NO	LAMDA (ANG)	FNU X10**-25 (ECS)	SIGMA	MNU	CH NO	LAMDA (ANG)	FNU X10**-25 (ECS)	SIGMA	MNU
1802	6432.90	6.128	.036	11.982	1885	6528.57	5.743	.036	12.052	1967	6620.26	5.970	.039	12.010
1803	6434.07	6.253	.036	11.960	1886	6529.71	5.704	.036	12.060	1968	6621.36	6.093	.039	11.988
1804	6435.24	6.221	.036	11.965	1887	6530.84	5.757	.036	12.049	1969	6622.46	6.115	.039	11.984
1805	6436.41	6.160	.036	11.976	1888	6531.98	5.678	.036	12.065	1970	6623.56	6.036	.039	11.998
1806	6437.58	6.278	.036	11.955	1889	6533.11	5.824	.037	12.037	1971	6624.65	6.070	.039	11.992
1807	6438.74	6.233	.036	11.963	1890	6534.24	5.839	.037	12.034	1972	6625.75	6.197	.039	11.970
1808	6439.91	6.297	.036	11.952	1891	6535.38	5.836	.037	12.035	1973	6626.85	6.043	.039	11.997
1809	6441.08	6.274	.036	11.956	1892	6536.51	5.862	.037	12.030	1974	6627.95	6.041	.039	11.997
1810	6442.24	6.279	.036	11.955	1893	6537.64	5.973	.037	12.010	1975	6629.04	6.071	.039	11.992
1811	6443.41	6.282	.036	11.955	1894	6538.78	5.883	.037	12.026	1976	6630.14	6.045	.039	11.997
1812	6444.57	6.279	.036	11.955	1895	6539.91	5.841	.037	12.034	1977	6631.23	5.950	.039	12.014
1813	6445.74	6.263	.036	11.958	1896	6541.04	5.889	.037	12.025	1978	6632.33	5.961	.039	12.012
1814	6446.90	6.262	.036	11.958	1897	6542.17	5.868	.037	12.029	1979	6633.42	5.876	.039	12.027
1815	6448.07	6.311	.036	11.950	1898	6543.30	5.716	.036	12.057	1980	6634.52	5.970	.039	12.010
1816	6449.23	6.155	.036	11.977	1899	6544.43	5.768	.037	12.048	1981	6635.61	5.844	.039	12.032
1817	6450.39	6.130	.036	11.981	1900	6545.56	5.673	.036	12.066	1982	6636.70	5.938	.039	12.016
1818	6451.55	6.165	.036	11.975	1901	6546.69	5.745	.037	12.052	1983	6637.80	5.883	.039	12.026
1819	6452.72	6.134	.036	11.981	1902	6547.82	5.840	.037	12.034	1984	6638.89	5.910	.039	12.021
1820	6453.88	6.074	.036	11.991	1903	6548.95	5.698	.036	12.061	1985	6639.98	5.888	.039	12.025
1821	6455.04	6.068	.036	11.992	1904	6550.08	5.715	.037	12.057	1986	6641.07	5.898	.039	12.023
1822	6456.20	6.024	.036	12.000	1905	6551.20	5.694	.037	12.061	1987	6642.16	5.819	.039	12.038
1823	6457.36	6.029	.036	11.999	1906	6552.33	5.619	.036	12.076	1988	6643.25	5.794	.039	12.043
1824	6458.52	6.044	.036	11.997	1907	6553.46	5.562	.036	12.087	1989	6644.34	5.894	.039	12.024
1825	6459.68	6.034	.036	11.998	1908	6554.58	5.464	.036	12.106	1990	6645.43	5.892	.039	12.024
1826	6460.84	5.996	.036	12.005	1909	6555.71	5.429	.036	12.113	1991	6646.52	5.901	.039	12.023
1827	6462.00	6.064	.036	11.993	1910	6556.84	5.348	.036	12.130	1992	6647.61	5.861	.039	12.030
1828	6463.16	6.049	.036	11.996	1911	6557.96	5.311	.036	12.137	1993	6648.69	5.829	.039	12.036
1829	6464.32	6.127	.036	11.982	1912	6559.09	5.235	.035	12.153	1994	6649.78	5.871	.039	12.028
1830	6465.48	6.080	.036	11.990	1913	6560.21	5.207	.035	12.158	1995	6650.87	5.918	.039	12.020
1831	6466.64	6.059	.036	11.994	1914	6561.33	5.150	.035	12.171	1996	6651.96	5.935	.039	12.016
1832	6467.79	6.104	.036	11.986	1915	6562.46	5.227	.035	12.154	1997	6653.04	5.900	.039	12.023
1833	6468.95	6.159	.036	11.976	1916	6563.58	5.141	.035	12.172	1998	6654.13	5.849	.039	12.032
1834	6470.11	6.143	.036	11.979	1917	6564.70	5.190	.035	12.162	1999	6655.21	5.986	.039	12.007
1835	6471.26	6.155	.036	11.977	1918	6565.82	5.149	.035	12.166	2000	6656.30	5.914	.039	12.020
1836	6472.42	6.083	.036	11.990	1919	6566.95	5.149	.035	12.171	2001	6657.38	5.970	.039	12.010
1837	6473.58	6.128	.036	11.982	1920	6568.07	5.186	.035	12.163	2002	6658.46	5.903	.039	12.022
1838	6474.73	6.012	.036	12.002	1921	6569.19	5.362	.036	12.127	2003	6659.55	5.937	.039	12.016
1839	6475.89	6.124	.036	11.982	1922	6570.31	5.395	.036	12.120	2004	6660.63	5.941	.039	12.015
1840	6477.04	6.030	.036	11.999	1923	6571.43	5.372	.036	12.125	2005	6661.71	5.978	.039	12.009
1841	6478.19	6.067	.036	11.993	1924	6572.55	5.513	.036	12.096	2006	6662.79	6.052	.040	11.995
1842	6479.35	5.975	.036	12.009	1925	6573.67	5.643	.037	12.071	2007	6663.87	5.990	.040	12.006
1843	6480.50	5.925	.036	12.018	1926	6574.78	5.550	.036	12.089	2008	6664.95	5.957	.039	12.012
1844	6481.65	5.956	.036	12.013	1927	6575.90	5.648	.037	12.070	2009	6666.03	5.978	.040	12.009
1845	6482.81	5.887	.036	12.025	1928	6577.02	5.702	.037	12.060	2010	6667.11	5.937	.039	12.016
1846	6483.96	5.956	.036	12.013	1929	6578.14	5.726	.037	12.055	2011	6668.19	5.935	.039	12.016
1847	6485.11	5.926	.036	12.018	1930	6579.25	5.842	.037	12.034	2012	6669.27	5.927	.039	12.018
1848	6486.26	5.892	.036	12.024	1931	6580.37	5.741	.037	12.053	2013	6670.35	5.887	.039	12.031
1849	6487.41	5.961	.036	12.012	1932	6581.49	5.840	.038	12.034	2014	6671.43	5.957	.040	12.012
1850	6488.56	5.975	.036	12.009	1933	6582.60	5.906	.038	12.022	2015	6672.50	5.838	.039	12.034
1851	6489.71	5.996	.036	12.005	1934	6583.72	5.947	.038	12.015	2016	6673.58	5.897	.039	12.023
1852	6490.86	6.063	.037	11.993	1935	6584.83	5.941	.038	12.015	2017	6674.66	5.850	.039	12.032
1853	6492.01	6.063	.037	11.993	1936	6585.95	6.027	.038	12.000	2018	6675.73	5.790	.039	12.043
1854	6493.16	6.042	.037	11.997	1937	6587.06	6.016	.038	12.002	2019	6676.81	5.809	.039	12.040
1855	6494.31	6.105	.037	11.986	1938	6588.17	6.029	.038	11.999	2020	6677.88	5.805	.039	12.041
1856	6495.46	6.133	.037	11.981	1939	6589.28	6.079	.038	11.990	2021	6678.96	5.754	.039	12.050
1857	6496.60	6.023	.037	12.001	1940	6590.40	6.016	.039	12.002	2022	6680.03	5.922	.040	12.019
1858	6497.75	6.068	.037	11.992	1941	6591.51	5.957	.038	12.012	2023	6681.10	5.801	.039	12.041
1859	6498.90	5.998	.037	12.005	1942	6592.62	6.029	.038	11.999	2024	6682.18	5.950	.040	12.014
1860	6500.04	5.983	.036	12.008	1943	6593.73	5.964	.038	12.011	2025	6683.25	5.976	.040	12.009
1861	6501.19	5.973	.036	12.010	1944	6594.84	6.027	.038	12.000	2026	6684.32	5.998	.040	12.005
1862	6502.34	6.052	.037	11.995	1945	6595.95	5.989	.038	12.007	2027	6685.39	6.041	.040	11.997
1863	6503.48	5.982	.037	12.008	1946	6597.06	5.971	.038	12.010	2028	6686.46	5.863	.040	12.030
1864	6504.63	5.981	.037	12.008	1947	6598.17	6.009	.038	12.003	2029	6687.53	6.002	.040	12.004
1865	6505.77	5.972	.037	12.010	1948	6599.28	6.014	.038	12.002	2030	6688.60	5.923	.040	12.019
1866	6506.91	5.921	.036	12.019	1949	6600.39	6.031	.038	11.999	2031	6689.67	6.043	.040	11.997
1867	6508.06	6.066	.037	11.993	1950	6601.50	6.157	.039	11.976	2032	6690.74	5.961	.040	12.012
1868	6509.20	6.017	.037	12.002	1951	6602.60	6.143	.039	11.979	2033	6691.81	5.995	.040	12.006
1869	6510.34	5.927	.037	12.018	1952	6603.71	6.112	.039	11.985	2034	6692.88	6.093	.041	11.988
1870	6511.49	5.952	.037	12.013	1953	6604.82	6.123	.039	11.983	2035	6693.94	6.041	.040	11.997
1871	6512.63	6.023	.037	12.001	1954	6605.92	6.133	.039	11.981	2036	6695.01	6.109	.041	11.985
1872	6513.77	6.057	.037	11.994	1955	6607.03	6.156	.039	11.977	2037	6696.08	6.068	.040	11.992
1873	6514.91	6.029	.037	11.999	1956	6608.13	6.124	.039	11.982	2038	6697.14	5.941	.040	12.015
1874	6516.05	6.060	.037	11.994	1957	6609.24	6.137	.039	11.980	2039	6698.21	5.966	.040	12.011
1875	6517.19	6.058	.037	11.994	1958	6610.34	5.983	.038	12.008	2040	6699.27	6.043	.041	11.997
1876	6518.33	6.123	.037	11.983	1959	6611.45	5.987	.039	12.007	2041	6700.34	5.954	.040	12.013
1877	6519.47	6.087	.037	11.989	1960	6612.55	5.898	.038	12.023	2042	6701.40	5.890	.040	12.025
1878	6520.61	6.074	.037	11.991	1961	6613.65	5.965	.038	12.011	2043	6702.47	6.004	.040	12.004
1879	6521.75	5.925	.037	12.018	1962	6614.75	5.920	.038	12.019	2044	6703.53	5.878	.040	12.027
1880	6522.89	5.977	.037	12.009	1963	6615.86	5.912	.038	12.021	2045	6704.59	5.875	.040	12.028
1881	6524.02	5.937	.037	12.016	1964	6616.96	5.839	.038	12.034	2046	6705.65	5.842	.040	12.034
1882	6525.16	5.904	.037	12.022	1965	6618.06	5.930	.039	12.017	2047	6706.71	5.898	.040	12.023
1883	6526.30	5.744	.036	12.052	1966	6619.16	5.973	.039	12.010	2048	6707.77	5.905	.040	12.022
1884	6527.43	5.743	.036	12.052										