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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Addresses | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | A | B | C | D | E | F | Frequency range |
| 0000  0010  0020 | FE  BE  FA | FE  BE  FA | FE  BE  FA | FE  BE  FA | FE  BE  FA | FE  BE  FA | FE  BE  FA | FE  BE  FA | FE  BE  FA | FE  BE  FA | EE  EE  EE | EEEEEE | EE  EEEE | EE  EE  EE | EE  EE  EE | EE  EE  EE | 1. – 0.9 MHz 2. – 1.9 MHz 3. – 2.9 MHz |
| 0030  0040  0050 | BA  DE  9E | BA  DE  9E | BA  DE  9E | BA  DE  9E | BA  DE  9E | BA  DE  9E | BA  DE  9E | BA  DE  9E | BA  DE  9E | BA  DE  9E | EE  EE  EE | EEEEEE | EE  EEEE | EE  EE  EE | EE  EE  EE | EE  EE  EE | 1. – 3.9 MHz 2. – 4.9 MHz 3. – 5.9 MHz |
| 0060  0070  0080 | DA  F6  B6 | DA  F6  B6 | DA  F6  B6 | DA  F6  B6 | DA  F6  B6 | DA  F6  B6 | DA  F6  B6 | DA  F6  B6 | DA  F6  B6 | DA  F6  B6 | EE  EE  EE | EEEEEE | EE  EEEE | EE  EE  EE | EE  EE  EE | EE  EE  EE | 1. – 6.9 MHz 2. – 7.9 MHz 3. – 10.9 MHz |
| 0090  00A0  00B0 | B2  D6  96 | B2  D6  96 | B2  D6  96 | B2  D6  96 | B2  D6  96 | B2  D6  96 | B2  D6  96 | B2  D6  96 | B2  D6  96 | B2  D6  96 | EE  EE  EE | EEEEEE | EE  EEEE | EE  EE  EE | EE  EE  EE | EE  EE  EE | 1. – 10.9 MHz 2. – 11.9 MHz 3. – 12.9 MHz |
| 00C0  00D0  00E0 | D2  92  EE | D2  92  EE | D2  92  EE | D2  92  EE | D2  92  EE | D2  92  EE | D2  92  EE | D2  92  EE | D2  92  EE | D2  92  EE | EE  EE  EE | EEEEEE | EE  EEEE | EE  EE  EE | EE  EE  EE | EE  EE  EE | 1. – 12.9 MHz 2. – 13.9 MHz 3. – 14.9 MHz |
| 00F0 | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | EE | EE | EE | EE | EE | EE | 1. – 15.9 MHz |
|  | IC2115 MODULE 2100 $ DD6C | | | | | | | | | | | | | | | |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Addresses |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | Frequency range |
| 0000  0010  0020 | EA  AA  CE | EA  AA  CE | EA  AA  CE | EA  AA  CE | EA  AA  CE | EA  AA  CE | EA  AA  CE | EA  AA  CE | | EA  AA  CE | EA  AA  CE | EE  EE  EE | EE  EE  EE | EE  EE  EE | EE  EE  EE | EE  EE  EE | EE  EE  EE | 1. –16.9 MHz 2. – 17.9 MHz 3. – 18.9 MHz |
| 0030  0040  0050 | 8E  CA  8A | 8E  CA  8A | 8E  CA  8A | 8E  CA  8A | 8E  CA  8A | 8E  CA  8A | 8E  CA  8A | 8E  CA  8A | | 8E  CA  8A | 8E  CA  8A | EE  EE  EE | EEEEEE | EE  EEEE | EE  EE  EE | EE  EE  EE | EE  EE  EE | 1. – 19.9 MHz 2. – 20.9 MHz 3. – 21.9 MHz |
| 0060  0070  0080 | E6  A6  E2 | E6  A6  E2 | E6  A6  E2 | E6  A6  E2 | E6  A6  E2 | E6  A6  E2 | E6  A6  E2 | E6  A6  E2 | | E6  A6  E2 | E6  A6  E2 | EE  EE  EE | EEEEEE | EE  EEEE | EE  EE  EE | EE  EE  EE | EE  EE  EE | 1. – 22.9 MHz 2. – 23.9 MHz 3. – 24.9 MHz |
| 0090  00A0  00B0 | A2  C6  86 | A2  C6  86 | A2  C6  86 | A2  C6  86 | A2  C6  86 | A2  C6  86 | A2  C6  86 | A2  C6  86 | | A2  C6  86 | A2  C6  86 | EE  EE  EE | EEEEEE | EE  EEEE | EE  EE  EE | EE  EE  EE | EE  EE  EE | 1. – 25.9 MHz 2. – 26.9 MHz 3. – 27.9 MHz |
| 00C0  00D0  00E0 | C2  82  FF | C2  82  FF | C2  82  FF | C2  82  FF | C2  82  FF | C2  82  FF | C2  82  FF | C2  82  FF | | C2  82  FF | C2  82  FF | EE  EE  EE | EEEEEE | EE  EEEE | EE  EE  EE | EE  EE  EE | EE  EE  EE | 1. – 28.9 MHz 2. – 29.9 MHz |
| 00F0 | FF | FF | FF | FF | FF | FF | FF | FF | | FF | FF | EE | EE | EE | EE | EE | EE |  |
|  | IC2114 MODULE 2100 $ D674 | | | | | | | |  | | | | | | | | | |

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| --- | --- | --- | --- | --- |
| Carrier Frequency KHz | | Adress | | DATA |
| ZYXVT | HEX | HEX |
| 0 to 999.9  1000 to 1999.9  2000 to 2999.9  3000 to 3999.9  4000 to 4999.9  5000 to 5999.9  6000 to 6399.9  6400 to 6999.9  7000 to 7999.9  8000 to 8499.9  8500 to 8999.9  9000 to 9999.9  10000 to 10999.9  11000 to 11999.9  12000 to 12999.9  13000 to 13999.9 |  | 00000  00001  00010  00011  00100  00101  00110  00111  01000  01001  01010  01011  01100  01101  01110  01111 | 00  01  02  03  04  05  06  07  08  09  0A  0B  0C  0D  0E  0F | 00  80  01  81  02  82  0D  1D  9D  13  13  93  67  E7  24  A4 |
| 14000 to 14999.9  15000 to 15999.9  16000 to 16999.9  17000 to 17999.9  18000 to 18999.9  19000 to 19999.9  20000 to 20999.9  21000 to 21999.9  22000 to 22999.9  23000 to 23999.9  24000 to 24999.9  25000 to 25999.9  26000 to 26999.9  27000 to 27999.9  28000 to 28999.9  29000 to 29999.9 |  | 10000  10001  10010  10011  10100  10101  10110  10111  11000  11001  11010  11011  11100  11101  11110  11111 | 10  11  12  13  14  15  16  17  18  19  1A  1B  1C  1D  1E  1F | 76  F6  3C  BC  78  F8  79  F9  45  F5  7E  DE  7F  EF  7A  FA |
| IC 702 Module 700 0FDA | | | | |

Programming tabel for IC702

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| --- | --- | --- | --- | --- |
| Carrier Frequency KHz | | Adress | | DATA |
| ZYXVT | HEX | HEX |
| 1600.0 to 1799.9  1800.0 to 1999.9  2000.0 to 2199.9  2200.0 to 2399.0  2400.0 to 2599.0  2600.0 to 2799.0  2800.0 to 2999.0  3000.0 to 3099.0  3100.0 to 3399.0  3400.0 to 3699.0  3700.0 to 3999.0  4000.0 to 4299.0  4300.0 to 4599.0  4600.0 to 4999.0  5000.0 to 5499.0  5500.0 to 5999.0  6000.0 to 6399.0  6400.0 to 6999.0  7000.0 to 7599.0  7600.0 to 7999.0  8000.0 to 8499.0  12300.0 to 12699.9  14000.0 to 14399.9  16400.0 to 16899.9  22000.0 to 22399.9  25000.0 to 25199.9  28000.0 to 29000.0  2182.0  Extra  Extra  Extra  Extra  Block  Block |  | 10110  10001  01000  00011  00001  00011  00100  00101  10011  10100  10101  00110  00111  00010  11011  10111  01001  11010  11000  11001  01011  01100  01101  01110  11010  10000  01111  11100  11101  11110  00000  11111 | 00  01  02  03  04  05  06  07  08  09  0A  0B  0C  0D  0E  0F | 80  80  01  01  01  01  01  81  81  81  81  02  02  02  82  82  0D  1D  9D  9D  13  24  3C  45  DE  0F |
| IC 703 Module 700 | | | | |

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| PERFORMANCE CHECK FOR S1303/04 |

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| --- | --- | --- | --- | --- | --- | --- |
| VCO under test | Pos. | Freq. select |  | f TX (MHz) select harm. filter | | |
| L315 | A  B | 1999.0  0000.0 |  | 1999 | 8 | L403 |
| L313 | A  B | 3999.0  2000.0 |  | 3999 | 10 | L402 |
| L314 | A  B | 5999.0  4000.0 |  | 5999 | 12 | L401 |
| L306 | A  B | 7999.0  6000.0 |  | 7999 | 14 | L404 |
| L305 | A  B | 9999.0  8000.0 |  | 9999 | 16 | L405 |
| L309 | A  B | 13999.0  12000.0 |  | 13999 | 20 | L406 |
|  |  |  |  | 17999 | 24 | L407 |
| L307 | A  B | 23999.0  22000.0 |  | 23999 | 30 | L409 |
| L308 | A  B | 25999.0  24000.0 |  | 25000 | 32 | L408 |

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| --- | --- | --- | --- |
| **Frequentieband (MHz)** |  | **Maximaal zendvermogen in watt (PEP1)** | **Opmerkingen** |
| van | tot | Power | Golflengte |
| 0.1357 kHz  0.1360 kHz  0.1374 kHz  0.1376 kHz  0.1377 kHz | 0.1360 kHz  0.1374 kHz  0.1376 kHz  0.1378 kHz | 400  400  400  400 | CW trans atlantisch 2000 Meter  CW  Alle small band modes, geen CW  CW  CW QRSS centrum |
| 472,0 | 479,0 kHz |  | (635 meter). Alleen telegrafie signalen toegestaan |
| 501.0 KHz  503.8 KHz  504.0 KHz | 503.8 KHz  504.0 KHz  505.0 KHz |  | CW Algemeen  CW DX  CW Algemeen |
| 1.810  1.838  1.838  1.840  1.843 | 1.838  1.842  1.880  2.700 | 400  400  400  400  400 | CW  PSK  Automatische digitale modes, geen packet  Phone  Phone, QRP aanroepfrequentie |
| 3.500  3.500  3.555  3.560  3.560  3.570  3.580  3.580  3.590  3.600  3.600  3.600  3.700  3.690  3.775  3.730 | 3.510  3.560  3.570  3.580  3.590  3.600  3.620  3.800  3.650  3.800  3.800  3.740 | 400  400  400  400  400  400  400  400  400  400  400  400  400  400  400  400 | CW (Intercontinentale DX)  CW (Aanbevolen contest segment)  CW QRS  CW QRP Aanroep frequentie  CW  Smalband digitale modes zoals jt65 en jt9  PSK31  MGM, automatische digitale mode  Packet Radio  MGM, automatische digitale mode  Phone  Phone contest  Phone contest  Phone QRP aanroep  Phone, DX inter continentaal  SSTV en Fax |

|  |  |  |  |
| --- | --- | --- | --- |
| 5350  5351,5 kHz | 5450 kHz  5366,5 kHz | 100 | USB |
| 7.000 7.025  7.040  7.050  7.060  7.076 7.100  7.175 | 7.025  7.040 7.050 7.060 7.100  7.175  7.200 |  | CW Contest segment  CW QRP (Aanroep frequentie 7.030)  Alle digitale smalband (modes 7.043 PSK)  Alle smalband digimodes Novice toegestaan  Phone Contest segment Novice toegestaan  jt65 USB novice toegestaan  Phone  Phone Inter continentaal |
| 10.100  10.130 | 10.130  10.150 |  | CW (10.106 QRP aanroep )  Automatische digitale mode Geen packet |
| 14.000  14.000  14.055  14.060  14.089  14.070  14.076  14.089  14.099  14.101  14.112  14.125  14.230  14.285 | 14.070  14.060  14.070  14.099  14.101  14.112  14.350  14.300 |  | CW  CW contest segment  CW QRS  CW QRP aanroep frequentie  Smalband digitale modes  digi psk  digi jt 65  digi niet automatische packet  CW Bakens  digi Store and forward  Phone  Phone contest segment  Digi SSTV en Fax  Phone QRP aanroep frequentie |
| 18.068  18.096  18.100  18.100  18.109  18.111 | 18.100  18.109  18.111  18.168 |  | CW  CW QRP aanroep  digi smalband mode  PSK  CW Bakens  Phone |

|  |  |  |  |
| --- | --- | --- | --- |
| 21.000  21.055  21.060  21.070  21.076  21.080  21.100  21.120  21.149  21.151  21.285  21.340 | 21.080  21.100  21.120  21.149  21.151  21.450 |  | CW  CW QRS  CW QRP aanroep  PSK  JT65  Digitale modes  Packet  CW  CW Bakens  Phone  Phone QRP aanroep  SSTV en Fax aanroepfrequentie |
| 24.890  24.906  24.920  24.920  24.929  24.931 | 24.920  24.929  24.931  24.990 |  | CW  CW QRP aanroep  Digitale modes  PSK  CW Bakens  Phone |
| 26.965 Mhz 26.975 Mhz 26.985 Mhz 27.005 Mhz 27.015 Mhz 27.025 Mhz 27.035 Mhz 27.055 Mhz 27.065 Mhz 27.075 Mhz 27.085 Mhz 27.105 Mhz 27.115 Mhz 27.125 Mhz 27.135 Mhz 27.155 Mhz 27.165 Mhz 27.175 Mhz 27.185 Mhz 27.205 Mhz | Kanaal 01  Kanaal 02  Kanaal 03  Kanaal 04  Kanaal 05  Kanaal 06  Kanaal 07  Kanaal 08  Kanaal 09  Kanaal 10  Kanaal 11  Kanaal 12  Kanaal 13  Kanaal 14  Kanaal 15  Kanaal 16  Kanaal 17  Kanaal 18  Kanaal 19  Kanaal 20 | 27.215 Mhz  27.225 Mhz  27.255 Mhz  27.235 Mhz  27.245 Mhz  27.265 Mhz  27.275 Mhz  27.285 Mhz  27.295 Mhz  27.305 Mhz  27.315 Mhz  27.325 Mhz  27.335 Mhz  27.345 Mhz  27.355 Mhz  27.365 Mhz  27.375 Mhz  27.385 Mhz  27.395 Mhz  27.405 Mhz | Kanaal 21  Kanaal 22  Kanaal 23  Kanaal 24  Kanaal 25  Kanaal 26  Kanaal 27  Kanaal 28  Kanaal 29  Kanaal 30  Kanaal 31  Kanaal 32  Kanaal 33  Kanaal 34  Kanaal 35  Kanaal 36  Kanaal 37  Kanaal 38  Kanaal 39  Kanaal 40 |
| 28.000  28.055  28.060  28.070  28.076  28.120  28.120  28.150  28.190  28.225  28.360  28.680  29.200  29.300  29.510  29.560  29.660 | 28.070  28.120  28.150  29.190  28.225  29.200  29.300  29.510  29.700  29.590  29.690 |  | CW  CW QRS  CW QRP aanroep  Digitale modes  Digitale modes JT65  Digitale modes PSK  Digitale modes Packet  CW  CW Bakens  Phone  Phone QRP aanroep  SSTV en Fax  NBFM Packet  Sateliet downlink  Phone  Phone Repeater input  Phone Repeater output |
| 50.000  50.000  50.090  50.100  50.100  50.110  50.150  50.185  50.210  50.285  50.400  50.510  50.520  50.550  50.600  50.620  51.210  51.410  51.510  51.810 | 50.100  50.080  50.500  50.500  50.250  50.540  50.750  51.390  51.590  51.990 |  | CW  CW Bakens  CW Centrum CW activiteit  Alle smalband modes  CW / SSB  DX aanroep  SSB Centrum SSB activiteit  SSB Crossband  Meteor scatter  PSK centrum  WSPR bakens  SSTV  FM Simplex FM gateway  Fax  RTTY  Digitale spraak  Repeater ingangen  FM en digitaal voice simplex  FM aanroep frequentie  Repeater uitgangen |

|  |  |  |  |
| --- | --- | --- | --- |
| 70.000  70.090  70.100  70.185  70.200  70.250  70.250  70.260  70.270  70.300  70.300  70.3125  70.325  70.450 | 70.090  70.100  70.250  70.300  70.500 |  | CW Bakens  CW Persoonlijke bakens  CW/SSB/Digitaal  Crossband aanroep  SSB/CW aanroep  MS aanroep  Alle modes  FM / AM aanroep  Digitale centrum frequentie  RTTY / FAX  FM kanalen, 12,5 KHz stappen  Digitale communicatie  Digitale communicatie  FM 70.450 FM aanroep |

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| Modulatie | Maximaal toegestaan vermogen | | Kanaalspatiëring |
|  | Draaggolf | Modulatie |  |
| FM  AM  SSB | 4 W  1 W  Afwezig | 4 W  4 W  4 W | 10 kHz  10 kHz  10 kHz |
| Kanalen 04 + 14 worden beschouwd als 'OPROEPKANAAL'.  Kanaal 09 is het 'NOODKANAAL'.  Kanaal 19 is het 'TRUCKERSKANAAL'.  Kanalen 34 + 40 zijn voor 'PACKET RADIO' (27MC met de computer) | | | |
| 160 m 1838 KHz PSK Frequencies  80 m 3580 KHz  40 m 7035 KHz  20 m 14070 KHz  17 m 18100 KHz  15 m 21080 KHz  12 m 24150 KHz  10 m 28120 KHz | | | |

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| --- |
| 0.13770 CW Europa QRSS centre of Activity  1.83600 CW Europa QRP centre of Activity  3.55500 CW Europa QRS (slow speed) centre of Activity  3.56000 CW Europa QRP centre of Activity  3.57000 CW Wereldwijd World Scout Frequencies, JOTA, CW  7.03000 CW Europa QRP centre of Activity  7.03000 CW Wereldwijd World Scout Frequencies, JOTA, CW  7.07000 CW Europa Digital Voice centre of Activity  10.11600 CW Europa QRP centre of Activity  14.05500 CW Europa QRS (slow speed) centre of Activity  14.06000 CW Europa QRP centre of Activity  14.06000 CW Wereldwijd World Scout Frequencies, JOTA, CW  14.13000 CW Europa Digital Voice centre of Activity  18.08000 CW Wereldwijd World Scout Frequencies, JOTA, CW  18.08600 Europa QRP centre of Activity  21.05500 Europa QRS centre of Activity  21.06000 Europa QRP centre of Activity  21.14000 Wereldwijd World Scout Frequencies, JOTA, CW  24.90600 Europa QRP centre of Activity  24.91000 Wereldwijd World Scout Frequencies, JOTA, CW  28.05500 Europa QRS (slow speed) centre of Activity  28.06000 Europa QRP centre of Activity  28.18000 Wereldwijd World Scout Frequencies, JOTA, CW  50.16000 Wereldwijd World Scout Frequencies, JOTA, CW  70.20000 Landelijk Oproep frequentie CW/SSB  144.0500 Europa Oproep frequentie CW |