**G3USF's Worldwide List of HF Beacons**

Latest Update 20November 2017

Freq Call Town Loc ERPw Ant Direct Mode Status

**IARU Region 1 discourages beacon operation on 1.8 MHz**

1810.5 YR2TOP Zlatita KN94RU 100 Inv Vee A1 24

1853 OK0EV Near Prague JN79EV 0.1 25m Vert Omni A1 PT

1875 DL3KR JO63LV 5 Dipole A1 PT

**IARU Region 1 discourages beacon operation on 3.5MHz (DK0WCY, OK0EU OK)**

3570 YO8RIX Nr Dorohoi KN37FW 300mw Lazi Loop Omni A1 24

3576.8 IZ3DVW Monselice JN55VF 0.5 Inv V A1 IRREG

3579 DK0WCY Scheggerott JO44VQ 30 Dipole A1 PT/zz??

3579.8 SM2IUF Kalix KP15NU QRPP 15-07UT

3594.5 OK0EU Panska Ves JO70GM 100mw Mag Loop N-S A1 24

3600 OK0EN Nr Kladno JO70AC 150mw LW 41m SE-NW A1 24

5195.0 DRA5 Scheggerott JO44VQ 30 dipole A1 06-24 LT

psk,rtty 24

5205.25 LX0HF Eschdorf JN929XV 5 Dipole A1 24 ?

5289.5 OV1BCN 10k S Soroe JO55SI 30 32m F.Dip@1mUSB/MT63 H+4,19,34,49

5290 ZS6KTS Johannesburg KG43CW 15 Inv. Vee psk,WSPR NonOp

ZS6SRL

5290.5 OV1BCN " " " A1 24

5290.0 GB3RAL Nr Didcot IO91IN 10<158uw Inv. Vee A1+psk QRT

5290.0 GB3WES Cumbria IO84QN 10<158uw Inv. Vee A1+psk QRT

5290.0 GB3ORK Orkney IO89JA 10<158uw Inv. Vee JT9A 24

5291 HB9AW Sursee JN43BA 10/5/1/.1/.001 1/2DipA1+psk 5m cycle

**IARU Region 1 discourages beacon operation on 7MHz (OK0EU, OK0EP OK)**

7003 ES1VHF KO29IK ?

7034.8 PT9BCN GG29RN 12 A1 OP?

7038.500OK0EU Panska Ves JO70GM 1 Mag Loop N-S A1 OP?

7039.1 SK7CQ TEST

7039.2 IK1HGI Cerano JN61MM 0.1 QRSS

7039.4 OK0EPB Prague JO70EC 10 Dipole@22m A1 24

7039.8 IZ3DVW Monselice PaduaJN55VF 0.5 Inv V A1 24

7047.5 YD0MWK OI33MQ 5 Inv Vee@15m A1 Planned

**IARU Region 1 discourages beacon operation on 10MHz (DK0WCY excepted)**

**10130 OK1IF Liberec JO70HG 0.5 A1 ?**

**10133 SA6RR Oxaback JO67KI 0.5 1/4 GP Omni A1 INT**

**10133.5 HB4FV 0.5 H-pole A1 ?**

**10137.2 IK3NWX Nr MonselicePD JN55VB 4.2 Rot. Dip. E-W A1 24**

**10138.7 WSPR beacons around here**

**10140.0 WSPR beacons around here**

**10142.51IK1HGI Tricati JN45IK 0.1 Dipole QRSS3 OP?**

**10144 DK0WCY Scheggerott JO44VQ 30 Dipole A1,psk 24zz**

**rtty**

**10145 OK0EF 0.5 OP?**

**14097 WSPR beacons around here**

**14100.0 4U1UN UN NY FN30AS 100-0.1 Vertical Omni A1 IBP Cycle**

**14100.0 VE8AT Eureka,Nunavut EQ79AX 100-0.1 Vertical Omni A1 IBP cycle**

**14100.0 W6WX Mt Umunhum CA CM97BD 100-0.1 Vertical Omni A1 IBP cycle**

**14100.0 KH6RS Laie, Oahu BL10TS 100-0.1 Vertical Omni A1 IBP cycle**

**14100.0 ZL6B Nr Masterton RE78TW 100-0.1 Vertical Omni A1 IBP cycle**

**14100.0 VK6RBP Rolystone OF87AV 100-0.1 Vertical Omni A1 IBP Cycle**

**14100.0 JA2IGY Mt Asama PM84JK 100-0.1 Vertical Omni A1 IBP cycle**

**14100.0 RR9O Novosibirsk NO14KX 100-0.1 Vertical Omni A1 IBP cycle**

**14100.0 VR2B Hong Kong OL72CQ 100-0.1 Vertical Omni A1 IBP cycle**

**14100.0 4S7B Colombo NJ06CR 100-0.1 Vertical Omni A1 IBP cycle**

**14100.0 ZS6DN Pretoria KG44DC 100-0.1 Vertical Omni A1 IBP cycle**

**14100.0 5Z4B Kiambu KI88MX 100-0.1 Vertical Omni A1 IBP cycle**

**14100.0 4X6TU Tel Aviv KM72JB 100-0.1 Vertical Omni A1 IBP cycle**

**14100.0 OH2B Lohja KP20BM 100-0.1 Vertical Omni A1 IBP cycle**

**14100.0 CS3B Santo da Serra IM12OR 100-0.1 Vertical Omni A1 T Nonop**

**14100.0 LU4AA Buenos Aires GF05TJ 100-0.1 Vertical Omni A1 IBP Cycle**

**14100.0 OA4B Lima FH17MW 100-0.1 Vertical Omni A1 T NonOp**

**14100.0 YV5B Caracas FK06NK 100-0.1 Vertical Omni A1 T NonOp**

**18095 YO8RIX Nr Dorohoi KN37FW 150mw Lazi Loop Omni A1 224**

**18095.5 HP1AVS Cerro Jefe FJ09HD 2.0 Inv Vee A1 24**

**18100 IK6BAK Montefelcino JN63KR 0.1 Inv Vee Omni A1 ?**

**18102 I1M Bordighera JN33UT 10 5/8 Vert Omni A1 24**

**18104.6 Many WSPR beacons around here**

**18110.0 4U1UN U. Nations NY FN30AS 100-0.1 Vertical Omni A1 IBP cycle**

**18110.0 VE8AT Eureka,Nunavut EQ79AX 100-0.1 Vertical Omni A1 IBP cycle**

**18110.0 W6WX Mt Umunhum CA CM97BD 100-0.1 Vertical Omni A1 IBP cycle**

**18110.0 KH6RS Laie, Oahu BL10TS 100-0.1 Vertical Omni A1 IBP cycle**

**18110.0 ZL6B Nr Masterton RE78TW 100-0.1 Vertical Omni A1 IBP cycle**

**18110.0 VK6RBP 28k SE Perth OF87AV 100-0.1 Vertical Omni A1 IBP cycle**

**18110.0 JA2IGY Mt Asama PM84JK 100-0.1 Vertical Omni A1 IBP cycle**

**18110.0 RR9O Novosibirsk NO14KX 100-0.1 Vertical Omni A1 IBP Cycle**

**18110.0 VR2B Hong Kong OL72CQ 100-0.1 Vertical Omni A1 IBP cycle**

**18110.0 4S7B Colombo NJ06CC 100-0.1 Vertical Omni A1 IBP cycle**

**18110.0 ZS6DN Pretoria KG44DC 100-0.1 Vertical Omni A1 IBP cycle**

**18110.0 5Z4B Kiambu KI88MX 100-0.1 Vertical Omni A1 IBP cycle**

**18110.0 4X6TU Tel Aviv KM72JB 100-0.1 Vertical Omni A1 IBP cycle**

**18110.0 OH2B Lohja KP20 100-0.1 Vertical Omni A1 IBP Cycle**

**18110.0 CS3B Santo da Serra IM12OR 100-0.1 Vertical Omni A1 T NonOp**

**18110.0 LU4AA Buenos Aires GF05TJ 100-0.1 Vertical Omni A1 T NonOp**

**18110.0 OA4B Lima FH17MW 100-0.1 Vertical Omni A1 IBP Cycle**

**18110.0 YV5B Caracas FK60NK 100-0.1 Vertical Omni A1 T NonOp**

**21068 SK7OB V.Dipole IRREG**

**21094.6 WSPR beacons around here**

**21145.7 IZ3DVW Nr Monselice PDJN55VF 2.6 Inv. V Dip A1 24**

**21149 F5ZHL JO10SI IRREG**

**21150.0 4U1UN UN New York FN30AS 100-0.1 Vertical Omni A1 IBP cycle**

**21150.0 VE8AT Eureka,Nunavut EQ79AX 100-0.1 Vertical Omni A1 IBP cycle**

**21150.0 W6WX Mt Umunhum CM97BD 100-0.1 Vertical Omni A1 IBP cycle**

**21150.0 KH6RS Laie, Oahu HI BL10TS 100-0.1 Vertical Omni A1 IBP cycle**

**21150.0 ZL6B Masterton RE78TW 100-0.1 Vertical Omni A1 IBP cycle**

**21150.0 VK6RBP 28k SE Perth OF87AV 100-0.1 Vertical Omni A1 IBP Cycle**

**21150.0 JA2IGY Mt Asama PM84JK 100-0.1 Vertical Omni A1 IBP cycle**

**21150.0 RR9O Novosibirsk NO14KX 100-0.1 Vertical Omni A1 IBP cycle**

**21150.0 VR2B Hong Kong OL72CQ 100-0.1 Vertical Omni A1 IBP cycle**

**21150.0 4S7B Colombo NJ06CC 100-0.1 Vertical Omni A1 IBP cycle?**

**21150.0 ZS6DN Pretoria KG44DC 100-0.1 Vertical Omni A1 IBP cycle**

**21150.0 5Z4B Kiambu KI88MX 100-0.1 Vertical Omni A1 IBP cycle**

**21150.0 4X6TU Tel Aviv KM72JB 100-0.1 Vertical Omni A1 IBP cycle**

**21150.0 OH2B Lohja KP20 100-0.1 Vertical Omni A1 IBP cycle**

**21150.0 CS3B Santo da Serra IM12OR 100-0.1 Vertical Omni A1 NonOp**

**21150.0 LU4AA Buenos Aires GF05TJ 100-0.1 Vertical Omni A1 NonOp**

**21150.0 OA4B Lima FH17MW 100-0.1 Vertical Omni A1 IBP cycle**

**21150.0 YV5B Caracas FK60NK 100-0.1 Vertical Omni A1 NonOp**

**21151.0 I1M Bordighera JN33UT 10 2 5/8 Vert Omni A1 24**

**24920.0 IY4M Bologna JN54QK A1 H+30>H+60m**

**24930.0 4U1UN UN NY FN30AS 100-0.1 Vertical Omni A1 IBP cycle?**

**24930.0 VE8AT Eureka,Nunavut EQ79AX 100-0.1 Vertical Omni A1 IBP cycle**

**24930.0 W6WX Mt Umunhum CA CM97BD 100-0.1 Vertical Omni A1 IBP cycle**

**24930.0 KH6RS Laie, Oahu HI BL10TS 100-0.1 Vertical Omni A1 IBP cycle**

**24930.0 ZL6B Nr Masterton RE78TW 100-0.1 Vertical Omni A1 IBP cycle**

**24930.0 VK6RBP 28k SE Perth OF87AV 100-0.1 Vertical Omni A1 IBP Cycle**

**24930.0 JA2IGY Mt Asama PM84JK 100-0.1 Vertical Omni A1 IBP cycle**

**24930.0 RR9O Novosibirsk NO14KX 100-0.1 Vertical Omni A1 IBP NonOp**

**24930.0 VR2B Hong Kong OL72CQ 100-0.1 Vertical Omni A1 IBP cycle**

**24930.0 4S7B Colombo NJ06CC 100-0.1 Vertical Omni A1 IBP cycle**

**24930.0 ZS6DN Pretoria KG44DC 100-0.1 Vertical Omni A1 IBP cycle**

**24930.0 5Z4B Kiambu KI88MX 100-0.1 Vertical Omni A1 IBP cycle**

**24930.0 4X6TU Tel Aviv KM72JB 100-0.1 Vertical Omni A1 IBP cycle**

**24930.0 OH2B Lohja KP20 100-0.1 Vertical Omni A1 IBP cycle**

**24930.0 CS3B Santo da Serra IM12OR 100-0.1 Vertical Omni A1 NonOp**

**24930.0 LU4AA Buenos Aires GF05TJ 100-0.1 Vertical Omni A1 NOnop**

**24930.0 OA4B Lima FH17MW 100-0.1 Vertical Omni A1 IBP cycle**

**24930.0 YV5B Caracas FK06NK 100-0.1 Vertical Omni A1 NonOp**

**24931 7Z1CQ Jeddah KL91ON 5 Vert.Dip Omni A1 IRREG**

**28169 ZB2TEN Gibraltar IM76HD 4 1/4 Vert Omni A1 24?**

**28171 XE1FAS Publa PU EK09UB 12 Dipole A1 24**

**28173.0 IZ1EPM 27k NE Turin JN35WD 20 1/2 Vert Omni A1 24**

**28174 VE1VDM FN85AA A1 ?**

**28175 VE3TEN Ottawa ON FN25 10 GP Omni A1 24**

**28176.9 HP1RCP Cerro Jefe FJ09HD 5 Slope Dip A1 24**

**28177 IW1AVR Cravanzana 5 Vertical A1 ?**

**28178 IQ0GV JN61TR A1 ?**

**28180.3 I1M Bordighera JN33UT 5/20 2x5/8 Vert Omni A1 30/60min**

**28182.4 SV3AQR Amalias KM07QS 4 GP Omni A1 24**

**28183.2 XE1RCS Cerro Gordo EK09OS 8 AR10 Omni A1 24**

**28184.0 VE2REA Quebec QC FN46IT A1 24**

**28185 VA3SRC Burlington ON FN03BH 5 Dipole A1 PT**

**28187.6 VE7KC Penticton BC DN09EL A1 24**

**28188 OE3XAC Kaiserkogel JN78SB 20 7/8 GP@750mOmni A1 24**

**28188.1 JE7YNQ Fukushima QM07 24**

**28188.9 SV5TEN Raad KM46CK 5 Vertical Omni 24**

**28189.5 LU2DT Mar del Plata GF12 5 Vert. Dip. Omni A1/psk**

**28189.8 LU8XW Ushuaia FD55UE ?**

**28190 LU3HFA Cordoba CD FF78UP 5 Vertical Omni A1 24?**

**28190 LU4VI Villa Regina FF60VI A1 24**

**28191.5 A62ER Sharjah UAE LL75QI A1 OP?**

**28192 EP4HR Shiraz LL69GP 20/2/0.2Dipole A1 24**

**28193 EI7GR IO53MG ?**

**28192.9 VE4ARM Austin MB EM09HW 5 GP Omni A1 24**

**28193.5 A47RB Oman LL93FO 10 Vertical Omni A1 OP?**

**28193.5 LU2XPK FF66DE A1 ?**

**28193.9 IW4EIR JN54AS 1.5 A1 ?**

**28194 IW4ERI JN54AS /**

**28195.1 IY4M Bologna JN54QK 20 5/8 GP Omni A1 H>H+30m**

**28196 VA3ITA Bramton ON FN03CW A1 IRREG**

**28196.1 LU4JJ Concordia ER GF08XO A1 24**

**28196.7 LU5FB Rosario SF FF97PB A1 24**

**28197.0 VE7MTY Vancouver BC CN89 5 Vertical Omni A1 24**

**28197.7 IK3OTW A1 ?**

**28193 LU2ERC Ensenada GF15AD 10 Vertical Omni A1 24**

**28198 LU9FE FF98GR ?**

**28199 LW6DJD La Plata GF15AC 5 A1 ?**

**28199.3 LU1FHH El Trebol SF A1 24**

**28200.0 4U1UN UN New York FN30AS 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 VE8AT Eureka,Nunavut EQ79AX 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 W6WX Mt Umunhum CA CM97BD 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 KH6RS Laie, Oahu HI BL10TS 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 ZL6B Nr Masterton RE78TW 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 VK6RBP 28k SE Perth OF87AV 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 JA2IGY Mt Asama PM84JK 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 RR9O Novosibirsk NO14KX 100-0.1 Vertical Omni A1 NonOp**

**28200.0 VR2B Hong Kong OL72CQ 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 4S7B Colombo NJ06CC 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 ZS6DN Pretoria KG44DC 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 5Z4B Kiambu KI88MX 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 4X6TU Tel Aviv KM72JB 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 OH2B Lohja KP20 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 CS3B Santo da Serra IM12OR 100-0.1 Vertical Omni A1 NonOp**

**28200.0 LU4AA Buenos Aires GF05TJ 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 OA4B Lima FH17MW 100-0.1 Vertical Omni A1 IBP cycle**

**28200.0 YV5B Caracas FK60NK 100-0.1 Vertical Omni A1 IBP Cycle**

**28200.5 VA3GMT Toronto A1 ?**

**28200.8 AC7AV Oak Harbor WA A1 ?**

**28201 N7JUB A1 ?**

**28201 WB9OTX EN55 A1 ?**

**28201.3 PU2SUT Sao Paulo GG66TB 20 Dipole A1 ?**

**28202 WN2WNC New Berlin NY FN22IO A1**

**28202.5 KA3BWP Stafford VA FM18GK A1 24**

**28203 K4MTP Tannersville PA A1**

**28203 PY2WFG Ipisanga SP GG77FF A1 24**

**28203 KB1QZY Springfield MA FN32QC 2 Imax2000 V Omni A1 24**

**28203 KG8CO Clinton MI EN82AB 5 Vertical Omni A1 24**

**28203 N6DXX Sacramento CA CM98FM A1 ?**

**28203 K4MTP FN21TA A1**

**28203.5 K6LLL MissionViejo CADM13EO A1 24**

**28202 SV2HNE KN10LL 5 GP ?**

**28204 WA2NTK Big Flats NY FN12NE E-W A1 24**

**28204V WL7N Ward Cove AK CO45KK A1 ?**

**28204 KE4TWI Watertown TN EM66VO 5 A1 24**

**28204 W0WF St Charles MO EN02QB A1 ?**

**28204 W6CF San Francisco CM87UU A1 24**

**28204 KA1KNW Windsor CT FN31RU 10 A1 ?**

**28205.0 DL0IGI Hohenpeissenb'gJN57MT Varies 1/4 Vert Omni A1 24**

**28205.2VN3NIA Nr Ridgway PA FN01PK 4 Dipole A1 24**

**28205.9 HS0BBD Bangkok OK13 ?**

**28206.1 VA3GRR Brampton ON FN03 1.75 1/2 Vert Omni A1 24**

**28206.3 K9EJ Toledo EM59UG 2 Vert @4m Omni A1 24**

**28206.5 HP1RIS Panama City FJ09GA 3 Vert Dip Omni A1 24**

**28207 ON0RY Binche JO20CK 5 Vertical Omni A1 24**

**28207.3 KW7HR Pasco WA DN06KG A1 24?**

**28207.8 W4CND Jemison AL EM63QA 2 Vertical Omni A1 24**

**28208 KE6TE Elk Grove CA CM98HK A1 OP?**

**28208 AK2F Randolph NJ FN20QT A1 share**

**28208 WN2A Budd Lake NJ FN20OU A1 AK2F**

**28208.1 JR0YAN Nr Toyama PM86JW 25 Hor.Loop A1 24+++**

**28208.2 IZ3LCJ S.Lucia di PiaveJN65DU 5 1/4GP@15m Omni A1 QRT?**

**28208.5 NB7A Reno NV DM09BM A1 24**

**28208.7 N8PVL Livonia MI EN82GJ A1 24?**

**28209 KH6AP Kikei Maui HI BL10SS 20 3/8 Vert Omni A1 24**

**28209.5 K9CW Thomasboro IL EN50WF 2 AR99@15' Omni A1 24**

**28209.8 KV6Q San Diego DM12JS 3 A1 ?**

**28210 PT2SSB Brasilia GH64CI A1 ?**

**28210 KB9UGA Egg Harbor WI A1 24**

**28210 NJ4R A1 ?**

**28210.2 SB7W ?**

**28210.4 NT4F Wilmington NC FM14AE 5 A1 24**

**28210.5 VE4TEN Kelowna BC 2 1/2 Vert Omni A1 24**

**28211 DB0FKS Nr Frankfurt/M JN40IT 0.2 DV27 Vert Omni A1 OP?**

**28211 K5ARC Galvez LA EM40 20 Vertical Omni A1 24?**

**28211 CE1TUW Antofagasta FF46RQ A1 ?**

**28211.1 LA4TEN Nr Hellvik JO28WL 250 Vertical Omni A1 24**

**28211.5 VK4ADC New Beith QLD 10/5/2/1 1/4 Whip Omni A1 24**

**VK4WSS Mt Cotton QLD 24**

**28211.8 AC7GZ Chandler AZ DM43 A1 ?**

**28212 W4AMA em63WA A1 ?**

**28212.0 7Z1AL Dammam LL56BK 10 Vertical A1 OP?**

**28212.5 K0KP Fredenberg MN EN36VW 0.5 GP Omni A1 OP?**

**28212.5 KJ4QYB RainbowCity AL EM63WO A1 ?**

**28212.6 LU7DQP Lanos Oeste BA GF05TH A1 24**

**28213 WA5SAT EL09 A1 ?**

**28213.3 KD8RKJ Cleveland OH EN91CK 2 Vertical Omni A1 24**

**28213.5 KE4KAA Big Stone GapVAEM86OV 5 A1 24**

**28213.5 W3IK Gray TN EM86 A1 24**

**28213.8 KF5KBZ Austin TX EM10FB A1 ?**

**28213.8 WA5SAT EL09 ?**

**28214 N4PAL Longwood FL EL98HQ 5 Vert@4.5m Omni A1 24?**

**28214 LA9TEN Snertingdal JP50EV 10 5/8 GP Omni A1 24**

**28214.5 FR1GZ Reunion I. LG79RC irreg**

**28215 LU5EGY Buenos Aires GF05QI A1 24**

**28215 YV5LIX**

**28215 N8MIE EM44 A1 ?**

**28215 SR5TDM KO01KX A1 ?**

**28215 KA9SZX Paxton IL EN50VD 1 Antron99 Omni A1 24**

**28215 W4JPL Liberty NC FM05FV A1 24**

**28215 GB3RAL Nr Didcot IO91IN 25 HorizDip Omni F1 24**

**28215.3 XE3D Merida YUC EL50EG A1 24**

**28215.5 KD5CKP Olive BranchMS EM54BW 3 Vertical Omni A1 24**

**28215.8 K6WKX Santa Cruz CA CM86XX 10 Horiz. Dip Omni A1 24**

**28216 K3FX Neptune City NJFN20XE 7 1/2 Vert Omni A1 24**

**28216 N7MA Cataldo ID DN17SN 5 Vertical Omni A1 24**

**28217 LA2BCN Telemark JO48GX 8 5/8 Vert Omni A1 24$$$**

**28126.1 LA2BCN " " 8 " " WSPR 24**

**28217 WB0FTL Alden MN EN33FP 5 AR10@25' Omni A1 24**

**28217 W6GY Star ID DN13RP A1 24**

**28217.5 WA1LAD West Warwick RIFN41FQ 4.5 J-Pole Omni A1 24**

**28217.5 W8MI Mackinaw C MI EN75 0.5 Vertical Omni A1 24**

**28218 IQ5MS Marina di MassaJN54AA Vertical Omni A1 24**

**28218.3 AC0KC Fort Lupton CO DN70OA qrpp A1 ?**

**28218.3 KD8RKJ Cleveland OH 2 Vertical Omni A1 ?**

**28218.3 KJ4LAA Decatur AL EM64LN 3 Vertical Omni A1 ?**

**28218.5 W5RDW Murphy TX EM12QX 5 AR10@25' Omni A1 24**

**28218.6 KA4RRU Catlett VA FM18EN A1 24**

**28218.8 KN8DMK Amanda OH EM89OO 3 Slope Dip. NW/SE A1 ?**

**28219.6 PY2UEP GG58GA A1 ?**

**28219.9 KB9DJA Mooresville IN EM69RO 35 GP Omni A1 24**

**28220 5B4CY Mandria KM64KU 15 GP Omni F1 24**

**28220 W8VO Sterling Hts MIEN82NU 5 Vert@50' Omni A1 OP?**

**28220 K4AQXI FMo3IL A1 ?**

**28220 YV6CR ?**

**28220.3 KF5VXU Batesville AR ?**

**28220.4 WK4DS Trenton GA EM74FU 2 Dipole NE-SW A1 24**

**28220.5 YM7KK Giresun KN90IV 4 A1 24**

**28220.5 N5FUN Caroltton TX EM12 A1 ?**

**28220.8 SV2MCG Thessaloniki KN10FC A1 ?**

**28221.0 OZ7IGY Jystrup JO55WM 10 Halo@90m Omni P14/cw24**

**28221 WE4S Rock Springs CA A1 24**

**28221.5 KC0TKS Sedalia MO EM38IQ 5 J-poleVert Omni A1 24**

**28221.5 GW7HDS IO81IP 3 A1 IRREG**

**28221.9 W1DLO Calais ME FN65JE 10 A99 vert Omni A1 24**

**28222 TP2CE Strasbourg JN38VO 450mw GP R-7000 Omni A1 24**

**28222 K6JCA Carmel ValleyCACM96DN A1 QRT?**

**28222 IZ0KBA Castel Madama JN61KX 4 GP 350m aslOmni A1 24**

**28222.2 W4KLP 1 A1 ?**

**28222.8 N4QDK Sauratown Mt NC EM95 3 dipole A1 24**

**28223 WY5B Biloxi MS EM50NK A1 24**

**28223 9H1LO Malta JM75 8 GP A1 Irreg**

**28223 KP3FT Ponce PR FK68 4 Vertical Omni A1 24**

**28223.3 XE3ACB Hecelchakan EL40 A1 24?**

**28223.5 KK6RE Chico CA CM96VG A1 ?**

**28223,6 PB5A JO21DE A1 ?**

**28224 WD0AKX Albert Lea MN EN33 5 Vertical Omni A1 24**

**28224 WA3RNC Lewistown PA FN10FO A1 24**

**28224.2 YB9BWN Denpasar, Bali OJ13FK 2 Dipole EU/VK A1 24**

**28224.7 HA5BHA Nr Budapest JN97KO 5 Omni 24**

**28224.8 KW7Y Marysville WA CN88SD 4 Vertical Omni A1 24**

**28224.8 IT9EJW Sicily JM77NN 3 A1**

**28224.8 NT6T Goleta CA A1 ?**

**28225 YM7TEN KN91RB 1 Vertical Omni A1 24**

**28225 K6FRC Angels CommonCACM97GP Vertical Omni A1 24��**

**28225 K5GJR CorpusChristiTXEL17HR A1 24**

**28225.4 KC0JCA St Louis MO A1 ?**

**28225.5 W2DLL Nr Buffalo NY FN02PP 8 1/2 Vert. Omni A1 24**

**28225.6 WB0LYV Beatrice NE EN10 V DeltaLoop A1 ?**

**28226 ED1YCA IN73AL 5 H Loop Omni A1 24**

**28226 PU4CBX Baraco de CocaisGH80DB A1 Irreg**

**28226.2 WA6HXW WestnCovina CA DM14AB A1 irreg**

**28226.5 N7MSH North Powder OR DN15 A1 24**

**28226.6 KC6WGN Las Vegas NV DM26LD 10 Omni A1 24**

**28226.6 PY2RFF Sco Pedro SP GG67AL 1.5 1/4 Vert Omni A1 24**

**28226.7 KU4A Lexngton KY EM78SB A1 ?**

**28227.0 VE9AT White Head I. 0.1 Dipole A1 OP?**

**28227 KJ4HYV Zellwood FL A1 24**

**28227.5 KC5MO Austin TX EM10BF 2 Dipole A1 24**

**28227.7 IW3FZQ Monselice PD JN55VF 5 J-Pole@20m Omni A1 OP?**

**28228 ZL3TEN Rolliston RE66 10 1/2 Vert Omni A1 TNonOp**

**28228 OH5TEN Kouvola KP30HV 4 Horiz Dip A1 24**

**28228.3 TG9TEN EK44 A1 OP?**

**28228.8 N3PV SpringValley CADM12LP A1 24**

**28229 ZL2MHF Nr Wellington RE78NU 10 1/2 Vert Omni F1 24**

**28229 NG9Y Vevay IN EM78LR A1 ?**

**28229.3 KA2LIM Pine Valley NY FN12NP A1 ?**

**28229.7 IQ8CZ Catanzo JM88HV 10 GP Omni A1 24**

**28230 WA4ZKO Dry Ridge KY EM78PP 4 A99 Omni A1 24**

**28230.5 AA0RQ Pine CO A1 ?**

**28230? KI4AED Ocoee FL EL98FN 5 Antron 99 Omni A1 24**

**28230 KQ4TG Leland NC FM40XF A1 24**

**28230.5 HP6RCP Santiago EJ98MB 3 AR99 Omni A1 IRREG**

**28231.0 F5ZEH IN88VA .5/5/50 1/2V,3-elY A1 24**

**28231.8 WA4FC PrinceGeorge VAFM17HD 5 Ringo@200' Omni A1 24**

**28232 N1FSX Simla CO DM89AC 5 Vertical Omni A1 24**

**28232.6 N9BPE Tuscaloosa IL EM59UT 2 1/2Dip@20' Omni A1 24**

**28232.7 N2MH West Orange NJ FN20UT A1 24**

**28233 N2UHC St Paul KS EM27JM 4 Vert Dip Omni A1 24**

**28231.6 SV2AHT Hortiatis KN10NO A1 24**

**28232.3 W7SWL Tucson AZ 5 Vertical Omni A1 ?**

**28233 I0KNQ Genzano di RomaJN61FU 2 Turnstile Omni A1 24**

**28233 KB9GSY Hammond IN EN61FP A1 24**

**28234 K4DP Covington VA FM07AR A1 IRREG**

**28234.3 K4DXY Birmingham AL EM63PP 2 A1 ?**

**28234.8 VE1CBZ KeswickRidge NBFN65 2 A99 Vert Omni A1 24**

**28235 KI4AED Ocoee FL EL98FN 5 Antron 99 Omni A1 24**

**28235 KK6RE Chico CA A1 ?**

**28235 NP4LW San Sebastian FK68MI 15 Vertical A1 ?**

**28235 KQ4FM Southlake TX EM12JW 5 GP A1 24**

**28235 OY6BEC Faroe Is. IP62 20 Yagi A1 24**

**28235.1 KI4HOZ Pickens SC EM83XM A1 ?**

**28235.6 VE3GOP Mississauga ON FN03GD 0.2 A99 Vert Omni A1 24**

**28236 W8YT Martinsburg WV FM19AJ 5 Vertical Omni A1 24**

**28236.5 W0KIZ Nr Denver CO DM79 5 Vertical Omni A1 24**

**28237 K7TIA Houston TX A1 ?**

**28237.5 WA2NEW Beach Haven NJ A1 ?**

**28237.6 LA5TEN Nr Oslo JO59JP 15 1/2 Vert Omni A1 24**

**28237.8 K7ZSA Alger WA CN88UO 5 Vertical Omni A1 24?**

**28238 KB2SEO Eton GA EM74OT 5 1/4 GP Omni A1 24**

**28239 VA7PL Crystal Mountn DM09 5 GP Omni A1 24**

**28239 PP6AJM Nosso Senhora HH19LD ?**

**da Socorro**

**28239.2 AL7FS Anchorage AK BP51BD 3 1/2 Vert Omni A1 PT**

**28239.5 WA3HGT MontoursvillePAFN11MG**

**28239.8 N4LEM Cocoa FL EL98 50 Vertical Omni A1 ?**

**28239.8 IZ8RVA Agropoli SA JN70LI A1 24?**

**28240 I0KNQ Rome JN61FU A1 24**

**28240 IQ8CZ JN62RD ?**

**28240 IZ8RVA A1 ?**

**28240 XE3OAX Ocotlan, OAX EK17PA 0.5? + sev.spurii A1 24**

**28240.11WE6Z Granite Bay CA CM98JS 4 Vertical Omni A1 24**

**28240.5 N2DWS PortRepublicNJ FM29SM A1 24**

**28240.5 W4RKC Winchester VA FM09VD 5 1/2 Vert Omni A1 24**

**28240.6 YO2X Timisoara KN05PS 2 GP Omni A1 09-15UT**

**28240.7 AJ8T Sturgis MI EN71HS A1 24**

**28241.5 F5ZUU Malataverne JN24IL 5 1/2 Vert Omni A1 24**

**28241.5 K5DZE Erlanger KY EM78QS 5 A1 24**

**28242 IZ8DXB Naples JN70LN 6 A1 24?**

**28242.5 WD9CVP Elgin IL EN52UA A1 24**

**28242.7 F5ZWE Foix JN02TW 15 Vert Dip Omni A1 24**

**28243 AA1SU VT FN34KL A1 24**

**28244.0 WA6APQ Long Beach CA DM13 30 Vertical Omni A1 24**

**28244 GB3TEN Fleetwood IO83LV 0.4 Dipole Omni F1A 24**

**28244.5 DV2FQN KN10FC 5 GP 24?**

**28245 EB4YAK IN80FK 24?**

**28245.0 DB0TEN Bomlitz JO42TW 2 1/2 GP Omni A1 24?**

**28245.6 SV2AHT Hortiatis KN1ONO 24**

**28246 VE9BEA Crabbe Mntn NB FN66 6 AR10@43' Omni A1 QRT**

**28246.0 KG2GL Nutley NJ FN20UT 5 R5Vert @40'Omni A1 INT**

**28246.2 KI4LEV Clarksville TN EM66 5 A1 ?**

**28247.0 K6EMI DM13AU A1 ?**

**28247.9 N1ME Bangor ME FN54PS 5 A1 24**

**28248 K5DZE Newman GA A1 ?**

**28248.5 K5DDJ San Antonio TX EL09 0.5 GP Omni A1 24**

**28249 N7LT Bozeman MT DN45LQ 4/.4/.04 1/2 GP Omni A1 24**

**28249.0 KA3JOE Bensalem PA FN29MB A1 ?**

**28249.1 ER1TEN Chisinau KN47IB 4 Vertical Omni A1 24**

**28249.5 PY3PSI Porto Alegre GF49KX 2.8 GP Omni A1 IRREG**

**26249.8 W4CJB Santa Rosa A1 ?**

**Beach FL EM60WR**

**28249.9 W3ATV Trevose PA FN20 1 Dipole A1 24**

**28250 K1GND Johnston RI FN41FT A1**

**28250 UB6LGR JN54 A1 IRREG**

**28250.0 K8NDB Somerton AZ DM22QQ 4 1/4 Vert Omni A1 24**

**28250) N4ES Tampa FL EL88TA 20/2/.2/.02 Horiz A1 SYNCH)n**

**28250 N4ESS Zephyrhills FL EL88VG A1 SYNCH)n**

**28250) WB4WOR Greensboro NC FM06BT 20/2/.2/.02 Hor A1 SYNCH)n**

**28250) K7EK Graham WA CN87TB 25 1/2 Vert Omni A1 SYNCH)n**

**28250) N4ES Clearwater FL EL88PA 20/2/.2/.02 Horiz A1 SYNCH)n**

**28250 K6FRC SutterButtes CACM97GP 10 Vertical Omni A1 24��**

**28250 K0HTF Des Moines IA EN31DO 3 Inv.V@10' A1 OP?**

**28251 AC0MO Hutchinson KS EM18 A1 ?**

**28251.15WA4GEH Clayton NC FM05SN A1 OP?**

**28251.1 ED4YAK IN80FK 5 Vertical Omni A1 24**

**28251.5 KE5JXC Pecan Island LAEL39SP 5 Vertical Omni A1 24**

**28252 WA2DVU Cape May NJ FM29NC A1 24**

**28252.5 K7OC Fort Worth TX EL29 3.3 Vertical A1 24**

**28252 WW9EE Tremont IL EN50GK A1 ?**

**28252.5 W6PC/4 Ocala FL EL89VD 10 Dipole Omni A1 24**

**28253 N3BSQ Bethel Park PA A1 24?**

**28253.0 ED5YAU IM98WN 5 Vertical Omni A1 24**

**28253.2 SR7IHM 5 24?**

**28253 KG4YUV Crandall GA EM74OW 7 A99 Vert Omni A1 24**

**28253 K8HWW Warren MI EN82MN 3 A1 24?**

**28253.8 XE1USG Puebla EK09VB A1 ?**

**28254 W4CJB Pt WashingtonFLEM60WR A1 24?**

**28254.3 N1FCU Windham ME FN43ST A1 24?**

**28254.5 K4JEE Louisville KY EM78 A1 24?**

**28254.5 K5AHH Broken Bow OK A1 ?**

**28255 N0AR St Paul MN EM73SW 0.5 1/2 Vert Omni A1 24?**

**28255.5 K8HWW StirlingHeights MI EN82MN 3 Vertical Omni A1 24**

**28256 C30P Andorra JN02SM 10 R5 Vert@2m Omni A1 24**

**28256 WI5V Oklahoma City EM15 0.5 A1 24**

**28256.5 VK3RMH 25kNEMelbourne QF22OH 20/2 1/2 Vert Omni A1 24**

**28256.5 K9JHQ O'Fallon IL EM58AM 10 Vertical Omni A1 24?**

**28257V KB4UPI Bessemer AL EM63MG A1 24**

**28257.3 WA2DVU Cape May NJ 10 Mosley 57 045 A1 24**

**28257.5 N5WYN Seven Points TXEM12VI A1**

**28257.8 WY5I Port St KucieFLEL97TF 5 7db Coll. Omni A1 07-2200LT**

**28258 EA7JNC La Linea de la IM76IE 8 24**

**Conception**

**28258 NM5TW Albuquerque NM DM65RD 5 Vert Dip Omni A1 24**

**28258.3 N1YPM Corea ME FN64 A1 24**

**28259 K5TLL Hattiesburg MS EM51GG A1 ?**

**28259 AB8CL Arcanum OH EN79RA A1 ?**

**28259 AA4AN Brentwood TN EM65NW 4 Vertical Omni A1 24**

**28259 F5ZVM Valenciennes59 JO10PA 5 3dbi Vert Omni A1 24**

**28259.3 VK5W1 Adelaide PF95HG 10 GP Omni A1 24**

**28259.3 AF6PI Indio CA A1**

**28260 AD5KO Mena AR EM24VS 20 Vert@20' Omni A1 24**

**28260.1 W7LFD/0 Shell Knob MO 5 Vertical Omni A1 ?**

**28260.8 NJ3T Somerset PA FM09LX A1 24?**

**28260.8 W5TXR Schertz TX EL09VP A1 ?**

**28261.0 N7LF Corbett OR CN85VI A1 24**

**28261.5 N4VBV Sumter SC EM93TW 5 Attic Dip A1 24**

**28261.6 RK3XWA Kaluga KO84DM 24**

**28261.8 VK2RSY Sydney QF56MH 25 1/2 Vert Omni A1 24**

**28262 N4HFA Ocala FL EL89VP 3 5/8 GP@25' Omni A1 24**

**28262.3 K8TK Clarklake MI EN72TC 2 GP@15' Omni A1 24**

**28262.5 WF4HAM Altamonte EL95HP 6 A99@40' Omni A1 INT**

**Springs FL**

**28263 VK3RRU Mildura QF15AT 20 A1 ?**

**28263 ED4YBA Cuneca IN80WC 5 GP Omni A1 24**

**28263.5 N5YEY Kilgore TX EM22OJ A1 24**

**28263.5 W4JPL Liberty NC FM05EW 4 A1 24**

**28264.0 AB8Z Parma OH EN91DJ 5 5/8 Vert Omni A1 24**

**28264 VK6RWA Carine WA OF78WB 20 5/8 Vert Omni A1 24**

**28264.5 K7NWS Kent WA CN87TK 1 GP Omni A1 24**

**28264.5 W5ZA Shreveport LA EM32DJ 3 Vert Dip Omni A1 24**

**28265 DF0ANN Moritzberg Hill JN59PL 5 Dipole E-W A1 24**

**28265 VK4RRC Woody Point QD QG62NS 10 Vertical Omni A1 24?**

**28265 KJ3P SchwenksvillePAFN20GG 5 A1 ?**

**28265 PT9BCN CampoGrande MS GG29RN 12 1/2 Dipole A1 24**

**28265.4 KR4HO Lake City FL EM80QG 1 Vertical Omni A1 ?**

**28265 NC4SW Zebulon NC FM05 A1 24**

**28265 N7SCQ Dixon CA CM98CK A1 24**

**28266.2 KB3ZI Bloomsberg PA A1 24**

**28266.5 KA1EKS Millinocket ME FN55OO 4 A99 GP Omni A1 24**

**28266.5 W5DJT Pocola OK EM25SH A1 24**

**28266.6 WN5KNY RadiumSpringsNMDM62LP A1 24**

**28267 VK7RAE TAS QE38DT 10 Vartical Omni A1 24**

**28267.5 W5EFR Houston Tx EL29EW 2.75 A1 TQRT**

**28267.6 OH9TEN Pirttikoski KP36OI 20 1/2 GP Omni A1 24**

**28268 KB0QZ Centralia MO EM39WE 5 Vertical Omni A1 24**

**28268 KC2YME A1**

**28268 NM0R St Genevieve MOEM47UV A1**

**28268.3 VK8VF Darwin NT PH57KP 25 1/4 Vert Omni A1 24**

**28268.5 KG4GXS CoralSpringsFL EL96UG 3 Dip@23' E-W A1 24**

**28268.6 K7ZS Hillsboro OR CN85MM A1 24**

**28268.8 KD5ITM Spring TX 4 G5RV@50' A1**

**28269 WA2SFT Cookville TN FN02OU A1**

**28268.9 AA1TT Claremont NH FN33 5 A1 24**

**28268.9 SV6DBG Ioannina KM09KQ 2 5/8VerticalOmni A1/rtty24**

**28269.5 W3HH Nr Ocala FL EL89VB 6 Hamstick Omni A1 24**

**28270 VK4RTL Townsville QH30JS 5 Vertical Omni F1 24**

**28271.7 W4TIY Dallas GA EM73OW 4 1/4over5/8 Omni A1 24**

**28271.8 SV2HQL Katakali-GrevensKM09UV 5 5/8 GP Omni A1 24**

**28272.3 N1KON Centerville IN EM79LT 5 Vertical Omni A1 24**

**28271.9 AC0RR Springfield MO EM37IE A1 ?**

**28272 PY1RJ San Goncalo RJ GG87ME 4 A1 24**

**28272.5 K5BTV Cumming GA EM74 0.25 HF6V Vert Omni A1 24**

**28273.0 PY4MAB Pocos de CaldasGG68RE 2 Dipole A1 24**

**28273 AC4DJ Eustis FL EL98EU 20 Ringo Omni A1 24**

**28273 WF4HAM Altamont Spr.FL 10 Ringo A1 ?**

**28273 DB0BER Berlin 5 Dipole Omni A1 24**

**28274 LW1DZ Escobar BA GF05OQ 10 Loop A1 24**

**28274.7 N0UD Halliday ND DN87SH A1 24**

**28275 PY2EMG Jacarel SP GG76AQ A1 ?**

**28275 NP2SH St John VI FK78OI A1 ?**

**28275 KG4GVV Summerville SC EM93 Vertical Omni A1 24**

**28275 W4UCB A1 ?**

**28275.7 XE1AKM Alvarez(Colima) A1 24**

**28276} K4UKB Danville KY EM77NP 10 5/8 Vert Omni A1 SYNCHx**

**28276} K4FUM Stone Mntn GA EM73WU A1 SYNCHx**

**28276.5 XE2YBG Victoria TamaulipasEL03 A1 ?**

**28277 WB7RBN Pasco WA DN06ig A1 24**

**28277 WI4L Dalton GA EM74MS A1 24**

**28277 WD8AQS Fremont MI EN73AL A1 24**

**28277.3 KD4MZM Sarasota FL EL87RG 3 Ringo@15' Omni A1 24**

**28277.6 DM0AAB Nr Kiel JO54GH 12 GP Omni F1 24**

**28278 WA4OTD Carmel IN EM69 5 Indoor Dip A1 24**

**28278.2 KE4IFI Lexington SC A1 24**

**28278.5 WA6MHZ Crest CA Ringo@20' Omni A1 24**

**28279 DB0UM Schwedt JO73CE 2 SlopeDipV Omni A1 24**

**28280 KA3NXN CharlottesvilleFM08SA A1 24**

**28280.0 K5AB Goldthwaite TX EM01 20 5/8 GP@45' Omni A1 24**

**28280 PU5AAD Nova Brasilia GG51PS 10 A1 24**

**28280 N6SPP Concord CA CM97 10 Vert Dip Omni A1 24**

**28280.5 WB6FYR Quartz Hill CA DM04VP 10 5/8 Vert Omni A1 24**

**28281 W8EH Middletown OH EM79TL 7.5 Vert@40' Omni A1 24**

**28281.2 IK6ZEW Pescara JN72OK A1 ?**

**28281.5 W4HEW MillegevilleGA EM94LX A1 24**

**28282 LA6TEN Kirkenes KP49XQ 10/1/.1 Omni A1 OP?**

**28282 HP1ATM Santiago EJ98 A1 24**

**28282 XE2ES Mexicali DM22RP A1 24**

**28282 N2IFC Allamuchy NM A1 ?**

**28282.6 OK0EG Hradec Kralove JO70WE 10 GP Omni F1 24**

**28282.8 W0ERE Fordlan MO EM36 5 Vertical Omni A1 24**

**28283 K7YSP Gainsville GA EM84AH A1 24**

**28283.6 KC9GNK Madison WI EN53 4 Inv Vee A1 24**

**28283.8 W5OM DN28 98 3-el A1 IRREG**

**28284 K2XG Monticello KY EM76NU 5 V.Dip@25' Omni A1 24**

**28284.4 IT9BCN IRREG**

**28284.8 WD8AQS Fremont MI EN73AL 5 A1 24**

**28284.8 WA3IIA Bloomsberg PA FN11TA A1 24**

**28284.5 KB9NK Hudsonville MI EN72BU A1 24?**

**28285.0 VP8ADE Adelaide I. FC52WK 10 1/4 Vert Omni A1 24**

**28285 W7IEW Olympia WA CN87MC A1 24?**

**28285 KD0GZJ Loveland CO DN70KJ 1 Vertical A1 24**

**28285 PT9BCN CampoGrande MS GG29RN 1 Vertical Omni A1 24**

**28285.3 K5DRG Lago Vista TX EM10CM A1 ?**

**28285.8 WA4ROX Largo FL EL87 0.75 A1 24**

**28285.8 W0ILO Fargo ND EN16 A1**

**28286 WI6J Bakersfield CA DM05JJ 5 Vertical Omni A1 24**

**28286 N5AQM Chandler AZ DM43AH 2 Vertical Omni A1 24**

**28286 N2PD Middletown NY FN21 5 A1 ?**

**28286.7 K3XR SinkingSpringPA FN10XH A1 ?**

**28287 K6FLC ?**

**28287.0 GB3XMB Nr Waddington IO83SV 10 V.Dip@800' Omni F1A 24**

**28287 W6WTG Bakersfield CA DM05MJ A1 24**

**28287.3 W2SDX Buffalo NY FM18LV A1**

**28287.5 N8PUM Ishpeming MI 0.5 Loop A1 24**

**28288.0 WA7LNW Harmony Mesa UTDM37 5 FWave LoopEU/PAC A1 24**

**28288 K4LJP W Palm BeachFL EL96 5 AR99@30' Omni A1 24**

**28288 RA3ATX KO85NX OP?**

**28288.5 ND3E Newcastle DE A1 24**

**28289 KB9WA Egg Harbor WI A1**

**28289 WB5BXZ Hattiesburg MS A1 ?**

**28289.0 WJ5O Nr Columbus AL EM72NE 2 Yagi NE A1 24**

**28289.5 N1KXR Medway MA FN32 5 A1 24**

**28289.8 W0ERE HighlandsvilleMO EM36HX Varies VariesA1 24**

**28289V PS8RF Teresina PI GI84OW A1 24**

**28290 N6UN San Diego CA DM12 5 A1 24**

**28290.3 WB4WOR Randleman NC FM06BT 3 Vertical Omni A1 24**

**28291 K5TLJ Trumann AR EM45RQ 20 A1 ?**

**28291 W6NIF Fresno CA GP at 25ft Omni A1 ?**

**28291.8 N5MAV Midland TX A1**

**28292.0 VA3VA Windsor ON EN82 5 Horiz Dip A1 24**

**28292.3 NH6HI Kaleheo HI 2 A1 24**

**28292.5 KM4GS KentuckyLakeKY EM56 0.5 Vertical Omni A1 24**

**28292.5 SK0CT Sollentuna JO89XK 10 GP Omni A1 24**

**28292.8 K7GFH Damascus OR CN85SJ 3 Attic Dip A1 24**

**28293.4 ND4Z Gilbert SC EM94JA 5 5/8@40' Omni A1 24**

**28293.7 W4DJD Woodbridge VA FM18HP A1 24**

**28294 K7RON Peoria AZ DM33 A1 24**

**28294 KE4IAP Woodbridge VA FM18HP A1 24**

**28295 KD1ZX CentralFallsRI FN41HV 4 Vert@10' Omni A1 24**

**28294.8 NR8O Fort Thomas KY EM79KY A1**

**28295 PU5ATX Santa Catarina GG51PR Dipole A1 06-2350**

**28295.1 SK2TEN Kristineberg KP08FC 5 Vertical Omni A1 OP?**

**28295.4 K1SPD La Vergne TN EM65RX A1 24**

**28295.5 K4IT Flatwoods KY EM88PM 3.5 Dipole A1 24**

**28295.5 IZ0CWW Cervaro FR JN61VL 3 24**

**28295.7 W9MUP WI EN52 A1 ?**

**28295.8 W3APL Laurel MD FM19NE 10 Hor.Dipole NE/SW A1 24**

**28296 KA7BGR CentralPointOR CN82 A1 24**

**28296.2 W5JDG Washington TX A1 24**

**28297 NS9RC Northfield IL EN62CC 5 1/2V@30' Omni A1 24**

**28297.3 K9EEI Tuscola FL A1**

**28297.8 WA3BM Valencia PA FN00SQ A1 24**

**28298.0 V73TEN Roi Namur I RJ39RJ Horiz OA50 Omni 24?**

**28298 K5TLL Hattiesburg MS EM51GG 5 Vertical Omni A1 24**

**28298.15WZ8D Blachester OH EM89OO A1 24**

**28298.1 SK7GH Bor JO77BF 5 A1 24**

**28298.1 K7PO Tenopah AZ DM32 0.5 Vertical Omni A1 24**

**28298.5 K7FL BattleGroundWA CN85SS 4 Horiz Loop A1 24**

**28298.6 K4JDR Raleigh NC FM05 10 Vertical Omni A1 24**

**28299 N1SCA Palm Bay FL EL97QX A1 24**

**28299 WB9OTX EM79IB A1 24?**

**28300 K6FRC Sutters Mntn CACM99 A1 24��**

**28300 HL1ZLL Seoul PM37MM 85 1/4 Vert. Omni A1 24**

**28300 IK6ZEW Pescara JN72CK 0.4 Vertical A1 ?**

**28300.1 IW0HBY Rome JN61DM 10 ?**

**28300 KF4MS Tallahassee FL EM70VM 10 A99@25' Omni A1 24**

**28300 VE3CKN Gloucester ONT A1**

**28300.3 PU5ZAA Novegentes GG53QE 3 A1 24**

**28301.0 PI7ETE Amersfoort JO22QD 0.5 Vertical Omni F1A 24**

**28320.97IZ8HUJ Pignola PZ JN70VN 0.4 Windom ?**

**28321.00I1YRB Torre Bert (TO)JN35UB 0.2 Vertical Omni QRSS3 24**

**28321.2 IS0GOV Cagliari JM49NF 0.3 Vertical Omni QRSS3 24**

**28321.2 IK3ERY Vittorio VenetoJN65DX 0.1 Vertical OMNI QRSS3 24**

**28321.47IZ1GJH Casarza Lig GE JN44RG 0.1 Vertical Omni QRSS3 24**

**28321.65IN3KLQ Nr Trento JN56RG 0.3 Vertical Omni QRSS3 24**

**28321.7 IW4EMG Ferrara JN54RU 0.1 QRSS3 24**

**28321.8 I3GNQ Tencarola PD JN55VJ 0.4 GP Omni QRSS3 24**

**28321.85IK0IXI Aprilia LT JN62VB 0.1 Dipole@30m NE/SW A1/F1 24**

**28321.8 I1SXT JN44PH ?**

**28321.86IZ8JFA Cosenza JM89CH 0.3 N/NE QRSS3 24**

**28321.77I1SXT ?**

**28321.94IW9BAJ Sicily JM77NO 1 QRSS3 24**

**28321.95IW0HK Civitavecchia JN52WD 1/.1 Dipole Omni QRSS3 24**

**28321.7 IZ1TAA Nr La Spezia JN54AC 0.1 Dipole NW QRSS3 24**

**28322.0 IQ3QR JN55XR 0.5 QRSS3 24**

**28322 IZ7AVU Brindisi JN80XP ?**

**28322.2 IZ5ILK JN63BN 0.05 5/8 Vert Omni ?**

**28322 IU5ENO ?**

**28322 IZ0ANE Cassino 0.1 ?**

**28322.01DJ6GT 0.1 QRSS3 ?**

**28322.01IW1QIF Davagna-Genova JN44LL 0.1 Long Wire QRSS3 24**

**28322.04IT9YAF Canicatti JM67WI 0.1 Vertical Omni QRSS3 24**

**28322.05IK1HGI Trecate JN45IK 0.1 Dipole NNW/SSE QRSS3 24**

**28322.08IS0GSR Nr Cagliari JM49IN 0.1 Dipole N-S QRSS3 24**

**28322.11IK8YTN Salerno JN70LG 0.1 Inv V E-W QRSS3 24**

**28322.18IZ0HCC Roma JN61FT 0.1 Vertical Omni QRSS3 ?**

**28322.2 IK8SUT Salerno JN70JQ 0.1 Inv V E-W QRSS3 24**

**28322.2 IW7DEC Nr Bari JN81GF 0.1 1/2 Vert Omni QRSS3 24**

**28322.32IW9FRA Trapani,Sicily JM68HA 0.1 Dipole N-S QRSS3 24**

**38322.36IW3SGT Trieste JN65VP QRSS3 24**

**28322.45IW4EMG Nr Ferrara JN54RW Vertical Omni QRSS3 ?**

**28322.4 IQ3QR JN55XR**

**28322.6 F1VJT StGermain/Puoh JN33CI 0.1 OP? ?**

**28322.62IK1BPL Novara JN45HK 0.1 GP NNW/SSE QRSS3 24**

**28322.63IK0VVE Nr Latina JN61KN 0.1 Dipole NNW/SSE QRSS3 24**

**28322.7 G3ZJG Nr Leicester QRSS3 PT**

**29010 DU1EV Metro Manila 100 Vert GP Omni**

**?= Activity uncertain INT= Intermittent PT=Part-time IRREG= Irregular**

**UC=Under Construction (T)NonOp=(Temporarily)NotOperational OP?=Operational?**

**V= Varies EXP=Experimental WkEnd=Weekends during daylight LT=Local Time**

**SYNCH= frequency sharing synchronised beacons: SYNCHn current sequence**

**N4ESS(0.00seconds), N4ES(0.20) WB4WOR (0.30) K7EK(0.40) N4ES(0.50). SYNCHx:**

**K4UKB ID at 00 seconds and K4FUM at 30 seconds. �� K6FRC transmits on 28245,**

**28250, 28300**

**+++ 10 minutes constant carrier followed by ID**

**zzz These beacons transmit in sequence at 15-minute intervals: GB3RAL on the**

**hour and H+15m, H+30, H+45. GB3WES at H+1, H+16 etc and GB3ORK at H+2, H+17**

**etc. Transmissions have a stepped power sequence.**

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**Schedule of IBP/NCDXF Beacon Transmissions**

**Frequency**

**Country Call 14100 18110 21150 24930 28200**

**United Nations NY 4U1UN 00.00 00.10 00.20 00.30 00.40**

**Northern Canada VE8AT 00.10 00.20 00.30 00.40 00.50**

**USA (CA) W6WX 00:20 00.30 00:40 00.50 01:00**

**Hawaii KH6WO 00.30 00.40 00.50 01.00 01.10**

**New Zealand ZL6B 00.40 00.50 01.00 01.10 01.20**

**West Australia VK6RBP 00.50 01.00 01.10 01.20 01.30**

**Japan JA2IGY 01.00 01.10 01.20 01.30 01.40**

**Siberia RR9O 01.10 01.20 01.30 01.40 01.50**

**China VR2HK 01.20 01.30 01.40 01.50 02.00**

**Sri Lanka 4S7B 01.30 01.40 01.50 02.00 02.10**

**South Africa ZS6DN 01:40 01.50 02:00 02:10 02:20**

**Kenya 5Z4B 01.50 02.00 02.10 02.20 02.30**

**Israel 4X6TU 02:00 02:10 02:20 02.30 02:40**

**Finland OH2B 02:10 02:20 02:30 02:40 02:50**

**Madeira CS3B 02.20 02.30 02.40 02.50 00.00**

**Argentina LU4AA 02:30 02:40 02:50 00.00 00:10**

**Peru OA4B 02.40 02.50 00.00 00.10 00.20**

**Venezuela YV5B 02:50 00.00 00:10 00:20 00:30**

**IBP = International Beacon Project. Beacons transmit for ten seconds on each**

**frequency in turn in the sequence shown above. They send callsign at 22 wpm**

**and 100 watts, then four 1-second dashes at 100w, 10w, 1w and 0.1w.**

**Equipment is TS-50, Cushcraft R-5 multiband vertical and a Trimble Navigation GPS**

**receiver to ensure sychronization, with a control unit built by NCDXF.**

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**DK0WCY/DRA5**

**zz DK0WCY 3579 operates 0720-0900UTC and 1600-1900UTC LOCAL time (ie UTC+1**

**winter and UTC+2 summer) DRA5 and DK0WCY on 10144 are currently part-time.**

**Transmissions on 3579 are cw only, with beacon id interrupted at ten minute intervals**

**by a datagram giving the Kiel K, current fof2 and MUF at**

**Juliusruh and indications of current solar-geophysical events. DRA5 and**

**DK0WCY on 10MHz carry the cw datagrams but, at 10 minutes after the hour,**

**the datagram transmission is on RTTY and contains additional information**

**on x-ray background and hf2, using RTTY. The H+50 transmission is PSK31(BPSK)**

**is used.**

**During auroral events the carrier at the end of the ID changes to a series**

**of dots.**

**See also www.dk0wcy.de.**

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**OK0EU**

**OK0EU is a cluster of five high-stability transmitters with 4Hz separation,**

**running for multipoint measurement. The callsign is sent 40Hz up to**

**identify ionospheric echoes. Output power 1 watt to dipole radiating N-S. Transmitters are**

**on 3594.492 at Vackov (JO60EF), 3594.496 Diouha Louka (JO60TP), 3594.500**

**Panska Ves (JO70GM), 3594.504 Pruhonice (JN79GX), 3594.508 Kasperske Hory (JN69SD)**

**$$$ LA2BCN**

**LA2BCN operates 10-min cycle. Min 0-1**

**Please notify errors/changes to Martin Harrison G3USF, HF Beacon Coordinator, Region 1 of the International Amateur Radio Union, g3usf(@)yahoo.co.uk Copyright Martin Harrison 1995-2017. Free reproduction for non-commercial use, providing acknowledgement made to G3USF.**