425MAGAZINE

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December 2019

The Italian Bulletin for Serious DXers (weekly issues #1492-1493-1494-1495)











Α5Β Α5ØΒΟC Α5ØΒΡC



Articles and pictures for publication in the 425 Magazine should be sent to Nicola Baldresca, IZ3EBA <u>iz3eba@iz3eba.it</u>

DX INFORMATION

5B - Celebrating the 60th anniversary since the procla-



mation of the Republic of Cyprus, all members of CARS (Cyprus Amateur Radio Society, <u>https://www.cyhams.o</u> <u>rg/wp/</u>) are allowed to replace their current prefix with 5B60 from 1 January until 31 De-

cember 2020. For instance, 5B4AIF will be active as 5B60AIF, 5B4AIX as 5B60AIX, 5B4ALJ as 5B60ALJ, 5B4ALX as 5B60ALX, 5B4AMR as 5B60AMR, 5B4AMT as 5B60AMT. See qrz.com for QSLing instructions.

5H - OK2WM, OM4AZF, OM5MF, OM5ZW and SP9LJD will be active as 5H4WZ from Pemba Island (AF-063), Tan-



zania on 6-18 February (http://om7m.org/dxp editions/pemba/). They will operate CW, SSB, RTTY and FT8 on 160-10 metres, and will participate in the CQ WPX RTTY (8-9 Febru-

ary) and the ARRL DX CW (15-16 February) contests. QSL via Club Log's OQRS, or via OM3PA.



7X - Three members of the Association des Radio Amateurs Tunisiens (3V1B/KG50UE, 3V8CB and 3V8SS/KF5EYY) will join five members of Amateurs Radio Algeriens (7X2RO, 7X2TT/MONPT, 7X3TL, 7X5FG and 7X5QB) and be active as 7X7X from 28 December to 2 January. They will operate CW, SSB and

FT8 with a focus on 160 and 80 metres using "decent antennas for TX and RX". 7X7X will use Club Log's Live Streams (<u>https://clublog.org/livestreams.php</u>). QSL via LoTW, or direct to Ben Lagha, 18 rue Louis Aragon, 26200 Montelimar France.

8Q - Sergey, RX3AMY will be active holiday style as 8Q7BS from the Maldives (AS-013) on 3-23 January. He will operate SSB and some CW on 40 and 20 metres. QSL via home call.



A5 - Zorro, JH1AJT will visit Bhutan again on 11-20 December. The main purpose of his trip is to have meetings with the Bhutan Olympic Committee and the Bhutan Paralympic Committee for Bhutan's participation in the 2 020 Tokyo Olympic and Paralympic Games. He will be joined by Franz DJ9ZB, Champ E21EIC, Adrian KO8SCA and Max ON5UR, who will be active as A50BOC, A50BPC and A5B on all bands CW, SSB, FT4 and FT8. QSL via Club Log's OQRS, or via JH1AJT.

BHUTAN OLYMPIC COMMITTEE COS CORS, OF VIA STITUST. C5 - Carlo, ON4BR has been active as

C56BR from The Gambia since 3 December, and is expected to remain there until 14 December. QSL direct to home call.

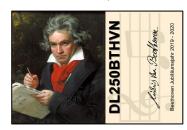
C5 - Przemek, SP3PS will be active again as C5SP from The Gambia from 27 December to 17 January. He will operate SSB and FT8/FT4. QSL via home call and LoTW. [TNX DX World]

CEOY - Oleh, KD7WPJ will be active as CEOY/UR5BCP from Easter Island (SA- 001) on 28-31 December. He will operate SSB, CW, FT8 & FT4 on 40-6 metres. QSL via KD7WPJ (direct or bureau); his digital QSOs will be

uploaded to LoTW. [TNX NG3K]

CN - Special station CN19JIM will be active on 21-22 December from Imlil in the High Atlas mountain range of Morocco. The callsign's suffix stands for Journee Internationale de la Montagne (International Mountain Day). QSL via RW6HS.

CO - The Radio Club de Caibarien will be active again as T46W on 29-31 December to commemorate the 128th anniversary of Manuel "Manolin" Alvarez Alvarez (1891-1986), a pioneer of radio in Cuba and an amateur radio operator (CO6MA) for seventy years. Look for activity on 80-10 metres CW, SSB and FT8. QSL via LoTW.



DL - Special callsign DL250BTHVN will be active from Bonn between 16 December 2019 and 17 December 2020, during the Beethoven Anniversary Year. Ludwig van Beethoven, one of the greatest composers of

all time, was born in Bonn on 16 December 1770. More information will be available on https://dl250bthvn.de/. DL - Volker, DL1WH will be active holiday style as DL1WH/p from Borkum Island (EU-047) on 21-31 De-

cember. He will operate CW and some SSB on 80-10 metres. QSL via home call, bureau or direct. **DL -** Yannick, DK1YH and others will be active as DL30GER from 31 December 2019 until 31 December

DL30GER from 31 December 2019 until 31 December 2020 to celebrate the 30th anniversary of the German reunification process. QSL via the bureau, eQSL, or direct to DK1YH.



DL - Celebrating the 70th anniversary of the Deutscher Amateur Radio Club (the German IARU society), special callsigns DF70DARC and DP70DARC will be active from 1 Janu-

ary to 31 December. QSL via the bureau, LoTW, eQSL, or direct to DK5DC; logsearch on Club Log. See <u>http://www.70darc.club/</u> for information on the DARC 70 Award.



DL - Special callsign DL100BKW will be active throughout 2020 to mark the 100th anniversary of the first broadcast transmission from the Radio Station Koenigs Wusterhausen (22 December 1920), which is regarded

as the birth of statutorily regulated broadcasting in Germany (<u>https://100jahrerundfunk.de/english/</u>). QSL via Club log's OQRS; paper QSLs are not needed. A certificate will be available, see qrz.com for information.



E4 - Russian Robinson Club's members R5EC, R7AL, RA1ZZ and RW9JZ will be active as E44RU from near Jericho, Palestine on 6-12 January. They will operate CW, SSB, FT8 (Fox & Hound) on 160-

10 metres. QSL via Club Log's OQRS and LoTW. See https://dxpedition.wixsite.com/e44ru for more information.

EX - When time permits, Andrea, HB9DUR will be active again as EX0DX from Kyrgyzstan from 27 December to 11 January. QSL via Club Log's OQRS, LoTW, or via home call. [TNX DX World]



F - Francois, F8DVD will be active as TM70TAAF on 12-26 January. QSL via home call (direct or bureau), and LoTW. The special callsign commemorates the 70th anniversary of first QSOs made on the amateur radio bands by stations operating from the Terres Australes et Antarctiques

Francaises (the French Southern and Antarctic Lands). The stations involved in early 1950 were FB8AX from Adelie Land (Antarctica), FB8XX from the Kerguelen Islands and FB8ZZ from Amsterdam Island.

FG - The Radio Club de Guadeloupe (FG4KL) will be active as TO2O from 20 UTC on 28 December until 14 UTC on 29 December. Activity will focus on 160, 80 and 40 metres CW, SSB and FT8. QSL via LoTW and Club Log's OORS.

FG - Taking part in the celebration for the 10th anniversary of CWops (see "Good to Know" below), Jean, FG8NY will be active as TO10CWO from Guadeloupe (NA-102) on 17-31 January. QSL via FG8NY, direct or bureau.

FK - Rudi, DB1RUL will be active holiday style as FK/DB1RUL from New Caledonia. He plans to operate mainly FT8 from two locations on Grande Terre (OC-032) between 6 and 15 December, from Ouvea Island (OC-033) on 18-21 December, and from Ile des Pins (OC-032) on 23-27 December. QSL via home call (direct or bureau) and LoTW.

FR - Roland, F8EN (TR8CR) will be active as FR/F8EN from Reunion Island (AF-016) from 23 January to 18 February. He will operate CW only on the HF bands. QSL F6AJA (direct or bureau); logsearch via on http://lesnouvellesdx.fr/voirlogs.php.

G - Celebrating the New Year 2019, special event stations GB0HNY, GB1HNY, GB2HNY, GB4HNY, GB5HNY, GB6HNY, GB8HNY and GB9HNY will be active from 28 December until 24 January. They are being run by members of Denby Dale ARS. Paper QSL cards will not be issued.

HBO - Kasimir, DL2SBY will be active as HB0/DL2SBY from Liechtenstein on 21-28 December. He will operate SSB, CW and digital modes on 80-10 metres. QSL via home call (direct only, as he is no longer a member of DARC); the log will be uploaded to LoTW and Club Log. [TNX The Daily DX]

HB9 - The Association des Radioamateurs de la Cote



(HB9HI) will operate special event station HE2JOJ on 1-31 January to mark the 3rd edition of the Winter Youth Olympic Games (Jeux Olympiques de la Jeunesse) to be hosted by Lausanne. OSL via

HB9HI (direct or bureau). A certificate will be available: complete information can be found on http://www.hb9hi.ch/he2joj. The Youth Olympic Games, an international multi-sport event organized by the International Olympic Committee, aim at bringing together talented young athletes aged 15-18 from around the world



HB9 - HB40HTC and HB40HC are the callsigns for the Helvetia Telegraphy Club to celebrate its 40th anniversary in 2020. QSL via the bureau and LoTW. A special activity programme the HB Open CW Activity (HB-OCWA) Award - will be in place throughout the year to mark the anniversary,

help activate the special callsigns and also "inspire amateur radio operators in Switzerland and elsewhere to increase CW activity on the HF bands. The intent of the

award is to encourage and reward them for conducting sustained CW conversations rather than short-duration CW signal reports". See https://hb-ocwa.ch/ for detailed information.

HC - HC3AGT is the callsign used by Antonio, EA5RM while in Loja, Ecuador. In his spare time he operates SSB and digital modes on 40-10 metres. Antonio will remain in the country until 5 January [425DXN 1489], with possible activity also from Guayaquil (HC2). QSL via home call.

HC - Joshua, W9HT will be active as HC5JLT from Ecuador on 15-21 December. He will operate SSB, CW and digital modes on the HF bands and 6 metres. QSL via home call. [TNX OPDX Bulletin]



HC - Jon, EA1VE will be active as HC2JKT from Puna Island (SA-034), Ecuador on 10-30 January. He will operate SSB on 40-6 metres. QSL via home call. [TNX DX World]

HK - Once again the Liga de Radioaficionados de Manizales (HK6RM) will be active as 5K6RM on 3-14 January for the annual Manizales Fair. Look for activity on all bands SSB, CW and digital modes. QSL via the bureau, direct, LoTW or eQSL.

I - ARI Fidenza will use a series of special callsigns



throughout 2020 to commemorate twelve major events and achievements in Gualielmo life: in January Marconi's II4BRN (Marconi's birth. 1874); in February II4MLB (Dame Nellie Melba's song recital, the first radio broadcast of a musical performance, 1920); in March II4MCY (foundation of the first "Marconi Company", 1897); in April II4FTX (first transatlantic radio signals transmission, 1901); in May II4TEA (first radio mes-

sage between the United States and the United Kingdom, 1903); in June II4REP (rescue of the ocean liner "Republic", 1909); in July II4NBL (Marconi is awarded the Nobel Prize in Physics, 1909); in August II4CLT (inauguration of the radio station at Coltano, 1911); in September II4PTN (Marconi applies for his first patent, 1896); in October II4LGH (Marconi switches on the lights at Sydney Town Hall from Genoa via wireless transmission, 1930); in November II4RVT (inauguration of Vatican Radio, 1931); in December II4MDY (Marconi Day at Chicago World's Fair, 1933). QSLs via IQ4FE, bureau or direct. See http://arifidenza.hamlogs.net for the "Marconi: Genius and Brainwave" award.

J6 - John, AI6LY will be active holiday style as J6/AI6LY from St. Lucia (NA-108) on 4-11 January. He will operate SSB on 80-15 metres. OSL direct to homecall; he will upload his log to Club Log and LoTW. [TNX The Daily DX] JD1_oga - Once again Harry, JG7PSJ will be active as JD1BMH from Chichijima (AS-031), Ogasawara from 22



December to 3 January 2020. He will operate CW, SSB and RTTY on 80-10m, but the "top priority for this tour is antenna maintenance" in the aftermath of two typhoons. QSL via JD1BMH (bureau) or JG7PSJ (direct). He or PayPal. See

does LoTW not use

http://jd1bmh.webcrow.jp/ for logsearch.

OE - OE1970WWL is the special callsign for Wolfgang, OE1WWL to celebrate his golden jubilee in amateur radio during 2020. He will also participate in the CQ WW WPX

SSB Contest (28-29 March) as OE0WWL. QSLs via OE1WWL (bureau), LoTW and eQSL.

ON - The Bastogne based Radio Club des Ardennes (ON4RCA) will be active as OP75USA from 7 December to 7 January 2020 to commemorate the 75th anniversary of the Battle of the Bulge during World War II. QSL via the bureau, or direct to ON4JM; logsearch on Club Log.

OZ - Volker, DJ8VW is active as 5P8VW from Romo Island (EU-125) until 21 December. He operates SSB, CW and FT8 on 160-6 metres. OSL via Club Log's OORS (preferred), LoTW, eQSL, or via DJ8VW.



PA - Commemorating the 75th anniversary of Operation Veritable during World War II, special callsign PA75OV will be active throughout 2020, with a special effort on 14-16 February. QSL via PA3ETC. See http://www.pa75ov.nl/ for detailed information about the event.

PA - Special callsign PA75VERON will be activated throughout 2020 to celebrate the 75th anniversary of the Vereniging voor Experimenteel Radio Onderzoek in Nederland, the Dutch IARU society. Activity will be on 40-10 metres FT8. QSL via eQSL and LoTW only.

PY - Participating stations in the first edition of the Brazilian Parks Weekend (12-15 December, http://radioexpedicao.com/) include PW1F, PW7M, ZV3FF, ZV7A, ZW1F, ZW1TP, ZW2CNN, ZW7AER, ZW7O, ZY1A, ZY1F, ZY2GO, ZY3F, ZY4F, ZY7FF, ZY8F, ZY9F and ZZ1F.

PY - Ron, PP2RON will be active holiday style as PY6/PP2RON from Itaparica Island (SA-023) from 20 December to 1 January. He will operate SSB, CW and

maybe FT8 on 80-6 metres. QSL via home call. [TNX DX World1

PY - Marcelo, PY2AE will be active as ZZ1R from Ilha dos Ratos (SA-029) on 26-29 December. He will operate SSB, CW and FT8/FT4 on 80-10 metres.





PY - Rafael PP2OK, Edilson PU6JEL, Bob PY6TV and Esdras PY6ZK will be active as ZW6C from Tinhare Island (SA-080) on 16-19 January. They will operate SSB and CW on 40, 20 and 10 metres. QSL direct to PY6TV; the

logs will be uploaded to Club Log.



SP - Special callsigns 3Z90PZK, HF90PZK, SN90PZK and SP90PZK will be Active from 1 January to 31 December 2020 to celebrate the 90th anniversary of the Polish Amateur Radio Union (PZK, Poland's IARU Society). Active during the same period will be also HF90TPBB, HF90TPAR. HF90TPBF. HF90TPBG, HF90TPCF and HF90TPCG, whose suffixes memorialize the callsigns of the founding members of the Lwowski Klub Krot-

kofalowcow, the first amateur radio club in Poland and forefather of PZK. QSL via operator's instructions. TF - Col, MMONDX and Jonathan, MMOOKG will be active as TF/OJ0Y from Iceland (EU-021) from 31 December to 2 January. They will operate CW, SSB and FT8 on 80-30

metres, and maybe 169m. QSL via EB7DX and LoTW. [TNX DX World] UA - Special callsigns R2020NY, RA20NY, RC20NY,

RG20NY, RK20NY, RL20NY, RM20NY, RN20NY, RO20NY,

RT20NY, RU20NY, RW20NY, RX20NY and RZ20NY will be active from 30 December to 14 January for the "Russian New Year 2020" radio marathon organized by the Miller DX Club. QSL via Club



Log's OORS. A number of certificates will be available, see http://mdxc.hamlog.ru.

UA - The Russian Robinson Club will operate special event station R200ANT between 1 January and 31 March 2020 to commemorate the 200th anniversary of the discovery of Antarctica. QSL via RZ3EC. The first confirmed



sighting of mainland Antarctica (27 January 1820) is attributed to the Russian expedition by Fabian led Gottlieb von Bellingshausen and Mikhail Lazarev, who discovered an ice shelf at Princess Martha Coast that

later became known as the Fimbul Ice Shelf. Complete information on" the Antarctica 200" award programme can be found on https://antarctica200.hamlog.ru/

UA9 - Special callsign R95WURC is active on 12-25 December to celebrate the 95th anniversary of UFA Radio Club and the beginning of amateur radio in the Republic of Bashkortostan (R9W). Also active in the same period are R95WBZ, R95WFT, R95WGK, R95WJV, RW95WJ and A certificate will RX95WN be available on https://r9w.hamlog.ru/.

V4 - Fred, WB4M will be active as V4/WB4M from St. Kitts (NA-104) on 5- 11 January. He plans "to work all modes including digital". QSL via LoTW, or direct to home call.

VP8_ant - Seba, SQ1SGB expects to be active as VP8HAL from Halley VI Reserch Station, Antarctica until 8 February 2020. In his spare time he will operate digital modes (FT8 and JT65) and SSB on 40 and 20m. OSL via EB7DX. See https://www.grz.com/db/SQ1SGB for updates.

VP9 - Joe, WB9EAO will be active as WB9EAO/VP9 from Bermuda (NA-005) on 9-14 January. He will operate SSB and QRS CW on 160-10 metres. QSL via LoTW, eQSL, or direct to WB9EAO.



VU - Once again the West Bengal Radio Club will provide assistance during the Ganga Sa-

gar Mela on Sagar Island (AS-153). This is the annual gathering of Hindu pilgrims to take a holy dip in the Ganges, where the river merges with the Bay of Bengal. Expect some activity on he HF bands as 8T2G on 10-17 January. QSL via VU2NRO.

W - Special event station W2HRU will be active on 80, 40 and 20 metres SSB between 29 December and 4



January. QSL via N2MUN (direct or bureau), LoTW eQSL. The and suffix stands for Ham Radio University, "a day of educa-tion to share ideas, experiences, knowledge and fellowship among Amateur Radio operators". The 21st

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annual event will be held on 4 January in Brookville, NY. Complete information can http://hamradiouniversity.org/.

Z8 - Diya, YI1DZ has been back in Juba, South Sudan



since 13 December, and will remain there for "at least six months". In his spare time he will be active as Z81D on 80-10 metres SSB, FT8 and maybe FT4. QSL via Club Log's OQRS, or via OM3JW. He does not use LoTW. [TNX

The Daily DX]

ZF - Vicky, AE9YL as ZF2YL and Carl, K9LA as ZF2LA will be active from the Cayman Islands (NA-016) on 13-16 December, including operation during the ARRL 10 Meter Contest. QSL via home calls. [TNX The Daily DX]



CARIBBEAN TOUR • Mike, VE7ACN will be active as KP4/AA7CH from Vieques Island (NA-249) from 31 January to 5 Februaryand as FS/RW0CN from the main island of Saint

Martin (NA-105) between 9 and 16 February. He will operate mainly CW on 80-10 metres, plus 160m if local conditions allow. Operations from Saint Martin might include a couple of one-day side trips to Tintamarre Island (NA-199), where he will sign FS/VE7ACN battery powered from dawn to dusk only. QSL via Club Log's OQRS (preferred), LoTW, or via VE7ACN (direct or bureau).



GOOD TO KNOW

Access to the main functions of www.425dxn.org is provided by the 425DXN App for Android. It is available on Google Play - free of charge, no ads. Enjoy!

425 DX NEWS MAGAZINE • The November 2019 issue is now available for download at http://www.425dxn.org/index.php. [TNX IZ3EBA]



9Q6BB QRT • Fernando, 9Q6BB (EA4BB) has dismantled his station and left the Democratic Republic of Congo. Between 1 November 2016 and 18 December 2019 he made 26,451 QSOs, all confirmed through LoTW and eQSL. Traditional QSL cards go via W3HNK.

CHAD 2020 • Having received "the required security clearance", Silvano, I2YSB and the Italian DXpedition Team (<u>http://www.i2ysb.com/idt/</u>) have announced



their plans to be active from Ndjamena, Chad as TT8RR (CW, SSB and RTTY) and TT8XX (FT8) "around mid-2020". Details are expected in due course. Originally planned to take place in February-March 2019, the DXpedition had to be put on hold for security reasons. [TNX I2YSB]



CWOPS 10TH ANNIVERSARY CELEBRATION • A large number of affiliated club and special callsigns - the latter including DQ10CWO, DR10CWO, EG4CWO, EM10CWO, IR9CWO, LZ10CWO, OL10CWO, PA10CWO, PG10CWO, SC10CWO, SD10CWO, SF10CWO, SM10CWO, SN10CWO, TM10CWO, TM5CWO, TM6CWO, TO10CWO (Guadeloupe), VA1CWO and VC3CWO, as well as many 1x1 callsigns from the US - will be active between 1 and 31 January in celebration of the tenth anniversary of CWops. Activity will be on 160, 80, 40, 20, 15 and 10 metres CW. Complete information on the award programme is on <u>https://cwops.org/cwops-10th-anniversary-celebration/</u>. CWops' goal is to bring together amateur radio operators who enjoy communicating by Morse Code, and to encourage the use of CW whether for contesting, DXing or ragchewing.

DAYTON CONTEST UNIVERSITY • Registration is now open for 2020 Dayton Contest University (CTU), to be held all day on 14 May at the Crowne Plaza Hotel in Dayton, Ohio. It will be the 14th year in a row for CTU Dayton. Complete details can be found on <u>https://www.contestuniversity.com/</u>.

IDXC 2020 • Registration for the 71st Annual International DX Convention, to be held on 24-26 April at the Wyndham Hotel in Visalia (CA) will open on 16 December: <u>http://www.dxconvention.org/</u>



OORS HINTS & TIPS • Tim, MOURX has added a page on his website to explain how to use his Online QSL Request System: go to https://www.m0urx.com/ and find "OQRS Hints & Tips" in the dropdown menu under "How to QSL". This is the same system used by M0OXO: "an integrated on-line bespoke Log Search, OQRS and QSL Manager application", which "offers useful tools for DXers and Dxpeditions, and strongly supports the QSL man-

ager workload automating the most time consuming QSLing processes".



RAEM CONTEST • The 48th RAEM Contest will be held on 29 December, from 00.00 UTC until 11.59 UTC, on 80, 40, 20, 15 and 10m CW (see http://raem.srr.ru/en/main/ for complete information). Organized by the Russian Amateur Radio Union (SRR), this annual event memorializes Ernst T. Krenkel (1903-1971), the legendary Arctic explorer and radioman (callsign RAEM) on various polar stations and on the first drifting ice station North Pole-1.

RST SPECIAL EVENT • Members of the North Country DX Association (NCDXA) will be active between 1 January and 28 February from several different locations in Alaska, Yukon, Northwest Territories, Nunavut and Greenland using all NCDXA KL7RST, VYORST OX7RST. VY1RST, VE8RST, and OSL direct to K7ICE. "RST" callsigns: See https://www.grz.com/lookup/K7ICE for more information.



VP8/VP8DXU • Alan Cheshire (VK6CQ) has joined the South Orkney Islands DXpedition team; he replaces WD5COV who has had to leave the project. Loaded into a sea container, the equipmentis on its way to Chile. It is expected to arrive at Coronel on 21 December; subsequently, the shipment will be taken to Punta Arenas. The estimated cost of this project is 310,000-325,000 USD, with the most expensive line items being the ship, freight and cold weather shelters. As for fundraising, 49 clubs/foundations and over 400 individuals have supported the project so far. "While we still have a long way to go", the team reports, "we continue to make progress towards our goal of the radio team paying 50% of the project cost with sponsorships paying the remainder". The next major milestones include finalizing the radio operating schedule and assigning team member responsibilities for camp setup, radio and antenna installation. Read the latest

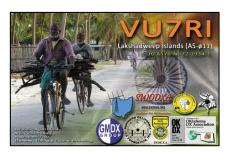
Press Release (#8, 3 December) on https://sorkney.com/.



WRC-19: REGION 1 50 MHZ AMATEUR ALLOCATIONS • IARU has released a more detailed report (see https://www.iaru-r1.org/) on the outcome of Agenda Item 1.1 (50 MHz) at the recent World Radiocommunication Conference in Egypt. The IARU position was to seek a 4 MHz primary allocation in Region 1 in common with that in other ITU regions. Proposals from administrations and Regional Telecommunications Organisations around the world ranged from no allocation at all to the provision of a 4 MHz primary allocation. The table at http://www.iaru-r1.org/wiki/VHF#50-54_MHz_.286_m.29 ("Overview of 50 MHz status in ITU Region 1") is IARU's understanding of the position on 50 MHz allocations in Region 1 before and after WRC-19. The definitive position is the responsibility of individual national administrations. Provisions of the ITU Regulations, as revised by WRC-19, shall enter into force on 1 January 2021, however administrations may make provisions to provide 50 MHz spectrum at an earlier or later date. Unless already licensed to do so, individual amateurs should not use the newly allocated spectrum until their national licensing authority has

given the go ahead for its use.







QSL ROUTES

From 425 DX News # 14xx

From 425 DX News # 14xx

3W3B E21EIC EA8/OLIA OKICW OR2M ON4IA 3200 K SP5MXZ ED50 EA5URS O20TX DLTAT 3250DV SP5MXZ ED50 EA5URS O20TX DLTAT 3250DV SP5MXZ EP50 DJIOJ P33W UA3DX 4E1A 9V1KG EF80 DJIOJ P33W UA3DX 487DLG M00XO EGIHMT EA10R PA193MAS P99Z 4U1UN HB9BOU EH2EUS EA2TP PC19MC PAAR 4X6ER 4X60M EP4HR IK2RZQ R110M RZ5D 584AGU LZ1MS ER4A ER1FF R1941MB RZ0X 593RP DL3KP EW5A EM6W R2013DX RQ7L 575PA PA5X FR6CX W3BINK SK3W SN3A S93GEM 942AOC JACXM GJ4YOX G4YOX T88PS JAOJUQ T88PS JAOJUQ 942AOC JACAM H13CC	CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
320X SP5MXZ ED50 EA5URS 020TX DL7AT 32500VP SP9GVP ED5R EA5SR 021AA 021AC 3250CR SP9GVP ED5R EA5SR 021AA 021AA 481A SVIRG EF8P EABDA P40W WA3DX 447DLG M0XO EGIHMT EALOK PA1SWANS PD92 4101W HB9BOU EH2EUS EA2TP PC19MC PA0FAM 4V1WWV W3HK EL2DT EL2FM P74A K4BA1 4X6FR 4X60K EF4R IK2R2Q R110M R25D 578ADU LX1NS EK4A ER4FF R1941ME R2019DX RQ71 5758A DL3XF EK6X W3HK SM3A SM3CCT 607A 5758A DL3XT FR6ZX W3MNK SM3A SM3CCT 607A 576B BA1AG FM/MOJHQ JA0JBQ T8BFF JF1GK 9A40KA 9A1CW GJ4CW TRCC	3W3B	F21FTC	FA8/01.1A	OK1CW	022M	ONATA
3250DVP SP60VF ED5R EA5SR OZIAA OZIACB 3250GR SP9GR EF80 DJIOJ P33W UA3DX 451A SVIRG EF8P EA8DA P40W N2MM 447DLG MOXO EGIHMT EA1DK PA19XMAS PD92 4U1UN H9BOU EH2EUS EA2TP PC19MC PA0PAM 4V1WV WSHNK EL2DT EL2TR RJ4M R48AI 4X6FR 4X6OM EP4HR IKZRQ R110M R2DX 5P3KP DL3KP EW5A EW6W R2019DX RQ7L 5T5PA PA5X FK8GX W3HNK SK3A SP3GEM 9A440KA 9A1CVW GJ4YOX GU4YOX T88PF JA0JQ 9A62AA H13CC W2CO TK0C S50C 9J3BY DL5XAT H18CQ RW6HS TM5CQ F4FKG 9J2BOY JAORRS HK1M EA5KB T09W W91LY 9		-	•		-	-
3250GR SP3GR EF80 DJ10J P33W UA3DX 4E1A 9VIRG EF8P EABDA P40W N2MM 457DLG MOXO EGIHNT EALOK PA13XMAS PD92 4UIUN H39BOU EH2EUS EA2TP PC19MC PA0FAM 4VIWW W3HNK EL2DT EL2FM PJ4A KBAL 4X6FR 4X60M EF4HR IK2R2Q R110M R25D 553KP DL3XF EK6A EN6W R2019DX RQ7L 575FA PA5X FK8GX W3HNK SK3M SM5CCT 6V7A F6BEE FK4FV F1U1J SN3A SP3GEM 9A40KA 9A1CVW GJ4YOX GU4YOX T88PB JA0JHQ 9A440KA 9A1CV GJ4YOX GU4YOX T88PB JA0JHQ 9A420K3 JA2DW HK1M N2OO TW75LSA F4KFP 9J2BO JADDMV HP1XT KU9C UE29DX RQ7L						
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9A62AA9A2AAHI3CCW2CCWTK0CS50C9H3TXDL5XATHI8CQRW6HSTM5CQF4FRG9J2BOG3TEVHK1MWN2OOTM75LSAF4KIP9J2MYTIZ3KVDHK1MWN2OOTM75LSAF4KIP9M2MRSPA0RRSHK7AAGEA5GLTT8SNDL9USA9M2TOJA0DMVHP1XTKU9CUE29DXRQ7L9Q6BBW3HNKHP3SSAC2OVUN9LLZ1YEA25DBBHB9DBBHQ9MW3HNKUP4LUN7LZA35JPJA0RQVHR9/N3ADW3HNKV3IMAM00XOA44AA47RSHS0ZARK3ZOV6KJALKGIA71EMM00XOHS0ZLNHB9BXQVV2LY14/4G0U1HA91UAEA92AAHS0ZMIG3ABV02ACVE3FUA02JCBVU2DSIHZ48UAEHZ1SARVP2ETEW3HNKB4TBA4TBIB9TIT9TQHVP2MDMK2DMBV0MEBU2EQIH9/0L3ROK1VWKVP2WWAA7VBY1CWBA4EGII14TIBIQ4FEVP5MK4QPLC31CTEA3QSI06AIZ6BRJWH7MK1YRC4AMASIZ4MSIR2QIK2PFLXT2AWM00XOC6AXKHB9BAIS0/LZ5FLZ1FXV9NPSJA2NPS [b]C23CTEA5BJ68SLWF2SXV9NPSJA2NPS [b]C64ZXNEB7DXKC4USVK7MTXV9NPSJA2DB [d]C68KDEA5KXLD5D <td>8P5A</td> <td>HA1AG</td> <td>FW/M0JHQ</td> <td>JA0JHQ</td> <td>T88HF</td> <td>JF1GHX</td>	8P5A	HA1AG	FW/M0JHQ	JA0JHQ	T88HF	JF1GHX
9H3TX DL5XAT H18CQ RW6HS TM5CQ F4FRG 9J2BO G3TEV HK1MW N2OO TM75LSA F4KIP 9J2MYT IZ3KVD HK1M EA5KB TO9W W91LY 9J2MYT IZ3KVD HK7AAG EA5GL TT8SN DL9XAA 9M2TO JAODMV HP1XT KU9C UE29DX RQ7L 9Q6BB W3INK HP3SS AC2OV UN9L LZ1YE A25DBB HB9DBB HQ9M W3HNK UP4L UN7LZ A35JF JAORQV HR9/N3AD W3INK V31MA MOOXO A44A A47RS HS0ZAR K3ZO V6K JA1XGI A71EM M0OXO HS0ZIN HB9BRQ VK2IAY/4 GOUIH A12JCE VUZDSI HZ48UAE HZISAR VP2ETE W3INK B4T BA4TB IB9T T19TQH VP2MDM K2DM C31CT EA3QS IG6A IZ6BRJ W1M7M K1YR <td>9A440KA</td> <td>9A1CVW</td> <td>GJ4YOX</td> <td>GU4YOX</td> <td>T88PB</td> <td>JA0JHQ</td>	9A440KA	9A1CVW	GJ4YOX	GU4YOX	T88PB	JA0JHQ
9J2B0G3TEVHK1MWN2O0TM75LSAF4K1P9J2MYTIZ3XVDHK1NEA5KBTO9WW91LY9M2TOJAODMVHP1XTKU9CUE29DXRQ7L9Q6BBW3INKHP3SSAC2OVUN9LL21YEA25DBBHB9DBBHQ9MW3HNKUP4LUN7LZA35J7JAORQVHR9/N3ADW3HNKU94LUN7LZA44AA47RSHS0ZARK3ZOV6KJAIGIA71EMMOOXOHS0ZLNHB9BXQVK2IAY/4GOUTHA91UAEA92AAHS0ZARK3ZOV6KJAIKGIA12JCBVU2DSIHZ48UAEHZISARVP2ETEW3HNKB4TBA4TBIB9TIT9TQHVP2EWMAA7VBY1CWBA4EGI14TIBIQ4FEVP5MK4QPLC31CTEA3QSIO6AIZ6BRJWH7MK1YRC4XMASIZ4MSIR2QIK2PFLXT2AWMOOXOC6AXKHB9LBAIS0/L25FL212FXV9DXBEB7DXC56FISSA6FISIR2QIK2PFLXT2AWMOOXOC6AXKHB9LBAIS0/L25FL212FXV9DXBEB7DXC6AXKHB9LBAIS0/L25FL212FXV9DXBEB7DXC6AXKHB9LBAIS0/L25FL212FXV9DXBJA2ODB [d]CM2XNEB7DXKC4USVK7MTXV9NPSJA2ODB [d]CM2XNEB7DXL240HASPAL220LHYP3XMASYO2MSBCR2XOH2EHL	9A62AA	9A2AA	HI3CC	W2CCW	TK0C	S50C
9J2MYTIZ3KVDHK1NEA5KBTO9WW91LY9M2MRSPAORRSHK7AAGEA5GLTT8SNDL9USA9M2TOJAODMVHP1XTKU9CUE29DXRQ7L9Q6BBW3HNKHP3SSAC2OVUN9LLZ1YEA25DBBHB9DBBHQ9MW3HNKUP4LUN7LZA35JPJAORQVHR9/N3ADW3HNKUP4LUN7LZA35JPJAORQVHR9/N3ADW3HNKV21MAM00XOA44AA47RSHS0ZARK3ZOV6KJAIXGIA71EMM00XOHS0ZLNHB9BXQVK21AY/4G0UIHA91UAEA92AAHS0ZMIG3ABV02ACVE3FUA02JCBVUZDSIHZ48UAEHZISARVP2ETEW3INKB4TBA4TBIB9TIT9TQHVP2MDMK2DMBYOMEBUZEQIH9/OL3ROKIVWKVP2VWWAA7VBY1CWBA4EGI14TIBIQ4FEVP5MK4QPLC31CTEA3QSIO6AIZ6BRJWH7MKIYRC44MASIZ4MSIR2QIK2PFLXT2AWM00XOC6AXKHB9LBAIS0/LZ5FLZ1ZFXV9DXBEB7DXC63CTEA5KBJ66SLWF2SXV9NPSJA2ODB [d]CN8KDEA5SLLO5DLU8EOTYP2XMASY02MSBC64ZXHB9LBAIS0/LZ5FLZ1ZFYY9DXBJA2ODB [d]CN8KDEA5SLLO5DLU8EOTYP2XMASY02MSBC64XKHB9LBAI	9н3тх	DL5XAT	HI8CQ	RW6HS	TM5CQ	F4FRG
MARSPAORSHKTAAGEASGLTTSSNDL9USA9M2TOJAODMVHP1XTKU9CUE29DXRQ7L9Q6BBW3HNKHP3SSAC2OVUN9LLZ1YEA25DBBHB9DBBHQ9MW3HNKUP4LUN7LZA25DBBHB9DBBHQ9MW3HNKUP4LUN7LZA25DBBHB9DBBHQ9MW3HNKU74LUN7LZA25DBBHB0RQVHR9/N3ADW3HNKV3LMAMOOXOA44AA47RSHS0ZARK3ZOV6KJA1XGIA71EMMOOXOHS0ZLNHB9BXQVK2IAY/4GOUIHA1UAEA92AAHS0ZMIG3ABVO2ACVE3FUA1U2JCBVU2DSIHZ48UAEHZ1SARVP2ETEW3HNKB4TBA4TBIB9TIT9TQHVP2MDMK2DMBVOMEBU2EQIH9/OL3ROK1VWKVP2VWWAA7VBY1CWBA4EGI14TTBIQ4FEVP5MK4QPLC31CTEA3QSIO6AIZ6BRJWH7MK1YRC4XMASIZ2AMSIR2QIK2PFLXT2AWMOOXOC6AXKHB9LBAIS0/LZ5FLZ1ZFXV9DXBBA7DXC63CTEA5KBJ68SLWF2SXV9NPSJA2ODB [d]CM2XNEB7DXKC4USVK7MTXV9NPSJA2ODB [d]CM2XNEB7DXKC4USVK7MTXV9NPSJA2ODB [d]CM2XNEB7DXLZ12FYP3XMASYO2MSBCR2ZDK1W1LX71LX2A	9J2BO	G3TEV	HK1MW	N200	TM75LSA	F4KIP
PMZTOJAODMVHP1XTKU9CUE29DXRQ7L9Q6BBW3HNKHP3SSAC2OVUN9LLZ1YEA25DBBHB9DBBHQ9MW3HNKUP4LUN7LZA35JPJAORQVHR9/N3ADW3HNKUP4LUN7LZA44AA47RSHS0ZARK3ZOV6KJALXGIA71EMMOOXOHS0ZLNHB9BXQVK2IAY/4GOUIHA91UAEA92AAHS0ZANG3ABVO2ACVE3FUAUZJCBVU2DSIHZ48UAEHZISARVP2ETEW3HNKB4TBA4TBIB9TIT9TQHVP2MDMK2DMBV0MEBU2EQIH9/OL3ROK1VWKVP2WWAA7VBYICWBA4EGI14TTBIQ4FEVP5MK4QPLC31CTEA3QSIO6AIZ6BRJWH7MK1YRC4XMASIZ4AMSIR2LIW2LHXR1DXQ1FMC56PISSA6PISIR2QIK2PFLX72AWMOOXOC6AXKHB9LBAIS0/LZ5FLZ1FXV9NPSJA2NPSCM2NEB7DXKC4USVK7MTXV9NPSJA2NBCM8DEA5KBJ68SLWF2SXV9NPSJA2NBCM8DEA5CLLO5DLUBEOTYP2XMASYO2MSBCR3ZDK1WILX71LX2AYP3XMASYO2MSBCR3ZDK1WILZ408SPAL21KCPYP3XMASYO2MSBCR3XK2PFMD4KG3NRCYW5FW4DTACR5ECT11LTMJ0XMORTIY	9J2MYT	IZ3KVD	HK1N	EA5KB	T09W	W9ILY
9Q6BBW3HNKHP3SSAC2OVUN9LL21YEA25DBBHB9DBBHQ9MW3HNKUP4LUN7LZA35J7PJA0RQVHR9/N3ADW3HNKV31MAM00XOA44AA47RSHS0ZARK3ZOV6KJA1XGIA71EMM00XOHS0ZARK3ZOV6KJA1XGIA71EMM00XOHS0ZARK3ZOV6KJA1XGIA91UAEA92AAHS0ZANHS9BXQVK21AY/4GOUTHA91UAEA92AAHS0ZNIG3ABV02ACVE3FUAU2JCBVU2DSIHZ48UAEHZ1SARVP2ETEW3HNKB4TBA4TBIB9TIT9TQHVP2MDMK2DMBV0MEBU2EQIH9/OL3ROK1VWKVP2VWWAA7VBY1CWBA4EGI14TTBIQ4FEVP5MK4QPLC31CTEA3QSIO6AIZ6BRJWH7MK1YRC4XMASIZ4AMSIR2LIW2LLHXR1DXQ1FMC56FISSA6FISIR2QIK2PFLXT2AWM00XOC6AXKHB9LBAIS0/L25FLZ1FXV9DYBJA20DB [d]CM2XNEB7DXKC4USVK7MTXV9NPSJA20DB [d]CM8DEA5XXLN8WLA9VDAXW4XRE21EICC06RDEA5GLLO5DLUBEOTYP2XMASY02MSBCR3ZDK1HILX71LX2AYP3XMASY02MSBCR3ZDK1HILX71LX2AYP3XMASY02MSBCR3XK2PFMD4KG3NC	9M2MRS	PAORRS	HK7AAG	EA5GL	TT8SN	DL9USA
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A35JPJAORQVHR9/N3ADW3HNKV31MAM00X0A44AA47RSHS0ZARK3ZOV6KJA1XGIA71EMM00XOHS0ZLNHB9BXQVK2IAY/4GOUTHA91UAEA92AAHS0ZMIG3ABVOZACVE3EUAUJJCBVU2DSIHZ48UAEHZ1SARVP2ETEW3HNKB4TBA4TBIB9TIT9TQHVP2MDMK2DMBV0MEBU2EQIH9/OL3ROKIVWKVP2VWWAA7VBY1CWBA4EGIT4TIBIQ4FEVP5MK4QPLC31CTEA3QSIO6AIZ6BRJWH7MK1YRC4XMASIZ4AMSIR2LIW2LLHXR1DXQ1FMC56PISSA6PISIR2QIK2PFLXT2AWM00XOC63XKHB9LBAIS0/L25FL212FXV9DXBEB7DXC63CTEA5KBJ68SLWF2SXV9NPSJA20DB [d]CMXNEB7DXKC4USVK7MTXV9NPSJA20DB [d]C06RDEA5GLL05DLU8EOTYP2XMASYO2MSBC08ZZDK1WILX7ILX2AYP3XMASYO2MSBCR3XM2VLL2408SPAL21KCPYP5XMASYO2MSBCR3XK2PFMD4KG3NKCYW5FW4DTACR5ECT1LTMJ0XM0RTIYW5FW4DTACR5ECT1LTMJ0XM0RTIYW5FYD2MSBDP0GVNDL5EBEMU2KG081TEZ3BZ37CEFDU1ISTJA1HGYNP2JK	9Q6BB	W3HNK	HP3SS	AC2OV	UN9L	LZ1YE
A44AA47RSHS0ZARK3ZOV6KJA1XGIA71EMM0OXOHS0ZLNHB9BXQVK2IAY/4GOUIHA91UAEA92AAHS0ZMIG3ABVO2ACVE3FUAU2JCBVU2DSIHZ48UAEHZ1SARVP2ETEW3INKB4TBA4TBIB9TIT9TQHVP2MDMK2DMBV0MEBU2EQIH9/OL3ROK1VWKVP2VWWAA7VBY1CWBA4EGII4TIBIQ4FEVP5MK4QPLC31CTEA3QSIO6AIZ6BRJWH7MK1YRC4XMASIZ4AMSIR2LIW2LHXR1DXQ1FMC56PISSA6PISIR2QIK2PFLXT2AWM0OXOC6AXKHB9LBAIS0/LZ5FLZ1FFXV9DXBEB7DXC63CTEA5KBJ68SLWF2SXV9NPSJA20DB [d]CMXNEA5XXLN6WLA9VDAXW4XRE21EICC06RDEA5GLLO5DLU8EOTYP2XMASYO2MSBCR3XOM2VLLZ408SPALZ1KCPYP3XMASYO2MSBCR3XK2PFMD4KG3NKCYW5RYV5ENDP0GVNDL5EBEMU2KGU8ITEZ3BZ37CEFDU1ISTJA1HGYNP2JK8RFZF2MJN6MJDV8/KH7EASP3SUXOC3CSOA4OZF2QTVE3SQT	A25DBB	HB9DBB	ноэм	W3HNK	UP4L	UN7LZ
A44AA47RSHS0ZARK3ZOV6KJA1XGIA71EMM00XOHS0ZLNHB9BXQVK2IAY/4G0UIHA91UAEA92AAHS0ZMIG3ABVO2ACVE3FUAU2JCBVU2DSIHZ48UAEHZ1SARVP2ETEW3INKB4TBA4TBIB9TIT9TQHVP2MDMK2DMBV0MEBU2EQIH9/0L3ROK1VWKVP2VWWAA7VBY1CWBA4EGII4TIBIQ4FEVP5MK4QPLC31CTEA3QSIO6AIZ6BRJWH7MK1YRC4XMASIZ4AMSIR2LIW2LHXR1DXQ1FMC56PISSA6PISIR2QIK2PFLXT2AWM0OXOC6AXKHB9LBAIS0/LZ5FLZ1FXV9DXBEB7DXC6AXKHB9LBAIS0/LZ5FLZ1FXV9DXBJA2NPS [b]CMXNEA5KBJ68SLWF2SXV9NPSJA20DB [d]CM8DEA5XXLN8WLA9VDAXW4XRE21EICC06RDEA5GLLO5DLU8COTYP2XMASYO2MSBCR3XOM2VLLZ408SPALZ1KCPYP3XMASYO2MSBCR3WDL5AXXLZ50ZFLZ2UWYP8XMASYO2MSBCR3XK2PFMD4KG3NKCYW5RYV5ENDP0GVNDL5EBEMU2KGU8ITEZ3BZ37CEFDU11STJA1HGYNP2JK8RFZF2MJN6MJDV8/KH7EASP3SUXOC3CSOA4OZF2QTVE3SQT	A35JP	JAOROV	HR9/N3AD	W3HNK	V31MA	MOOXO
A71EMM00X0HS0ZLNHB9BXQVK2IAY/4GOUIHA91UAEA92AAHS0ZMIG3ABVO2ACVE3FUAU2JCBVU2DSIHZ48UAEHZ1SARVP2ETEW3HNKB4TBA4TBIB9TIT9TQHVP2MDMK2DMBVOMEBU2EQIH9/0L3ROK1VWKVP2VWWAA7VBY1CWBA4EGII4TIBIQ4FEVP5MK4QPLC3ICTEA3QSIO6AIZ6BRJWH7MK1YRC4XMASIZ4AMSIR2LIW2LLHXR1DXQ1FMC56PISSA6PISIR3QIK2FLXV2DXBEB7DXC6AXKHB9LBAIS0/LZ5FLZ1FFXV9DXBEB7DXCE3CTEA5KBJ68SLWF2SXV9NPSJA2ODB [d]CMXDEA5GLLO5DLU8EOTYP2XMASYO2MSBC06ZZDK1WILX7ILX2AYP3XMASYO2MSBCR3XMQ2VLLZ4408SPALZ1KCPYP5XMASYO2MSBCR3XK2PFMD4KG3NKCYW5FW4DTACR5ECT1LLTMJ0XM0RTIYW5RYV5ENDP0GVNDL5EBEMU2KG081TEZ3BZ37CEFDU11STJA1HGYNP2JK8RFZF2MJN6MJDV8/KH7EASP3SUXOC3CSOA4OZF2QTVE3SQT	A44A	A47RS	HSOZAR	K3ZO	V6K	JA1XGI
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CR3DXOM2VLLZ4408SPALZ1KCPYP5XMASY02MSBCR3WDL5AXXLZ50ZFLZ2UWYP8XMASY02MSBCR3XK2PFMD4KG3NKCYW5FW4DTACR5ECT11LTMJ0XM0RTIYW5RYV5ENDP0GVNDL5EBEMU2KGU8ITEZ3BZ37CEFDU11STJA1HGYNP2JK8RFZF2MJN6MJDV8/KH7EASP3SUXOC3CSOA4OZF2QTVE3SQT						
CR3WDL5AXXLZ50ZFLZ2UWYP8XMASYO2MSBCR3XK2PFMD4KG3NKCYW5FW4DTACR5ECT1ILTMJ0XM0RTIYW5RYV5ENDP0GVNDL5EBEMU2KGU8ITEZ3BZ37CEFDU1ISTJA1HGYNP2JK8RFZF2MJN6MJDV8/KH7EASP3SUXOC3CSOA4OZF2QTVE3SQT						
CR3XK2PFMD4KG3NKCYW5FW4DTACR5ECT11LTMJ0XM0RTIYW5RYV5ENDP0GVNDL5EBEMU2KGU81TEZ3BZ37CEFDU11STJA1HGYNP2JK8RFZF2MJN6MJDV8/KH7EASP3SUXOC3CSOA4OZF2QTVE3SQT						
CR5ECT1ILTMJ0XM0RTIYW5RYV5ENDP0GVNDL5EBEMU2KGU8ITEZ3BZ37CEFDU1ISTJA1HGYNP2JK8RFZF2MJN6MJDV8/KH7EASP3SUXOC3CSOA4OZF2QTVE3SQT						
DP0GVN DL5EBE MU2K GU8ITE Z3B Z37CEF DU1IST JA1HGY NP2J K8RF ZF2MJ N6MJ DV8/KH7EA SP3SUX OC3CS OA4O ZF2QT VE3SQT						
DU11STJA1HGYNP2JK8RFZF2MJN6MJDV8/KH7EASP3SUXOC3CSOA4OZF2QTVE3SQT						
DV8/KH7EA SP3SUX OC3CS OA4O ZF2QT VE3SQT	DPOGVN	DL5EBE	MU2K			Z37CEF
	-	JA1HGY	NP2J	K8RF	ZF2MJ	N6MJ
	DV8/KH7EA	SP3SUX	OC3CS	OA40	ZF2QT	VE3SQT
EZX EZUGMY OD5ZZ N4GNR ZM1A ZL3CW	E2X	E20GMY	OD5ZZ	N4GNR	ZM1A	ZL3CW
E7CW E73ESP OE3XMA OE1DIA ZP5DA EB7DX	E7CW	E73ESP	OE3XMA	OE1DIA	ZP5DA	EB7DX

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
EA6/EI6DX	RA3R	OHOR	OH2PM	ZS10PB	N4GNR
EA8/IK1PMR	нв9ғкк	OHOZ	WOMM	ZS6CCY	K3IRV
EA8/OK5D	OK1DTP	OH5Z	OH5LIZ	ZZ50Y	PT2OP

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
3B8CW	N4GNR	DL250BTHVN	DL7DSW	OR75USA	ON4GDV
3V8SF	LX1NO	DQ600UNI	dl5kvv	PA82AD	PA3EFR
418A	K1BV	DR50DIG	DH1PAL	PJ2/KF4DX	DL8NU
4U1XMAS	UA3DX	EA9KB	EA7FTR	PJ2T	W3HNK
4 Y 1A	UA3DX	EH2WFF	EA2BV	PZ5JW	EA5GL
5 P8VW	DJ8VW	EN185UNIV	UT8UF	R95WJV	ra9wjv
5W1SA	JA1DXA	EN75NPU	ur5njw	R95WURC	RV9WB
8P2K	KU9C	GB0XMS	MOTVU	RW95WJ	RW9WJ
8Q7MA	LY5W	HC0T	RC5A	RX95WN	RX9WN
8Q7XY	DF3XY	HC2AO	RC5A	SN50PBW	SP1JRF
8S3C	SK4AO	HC3AGT	EA5RM	TM4TLT	F4KIP
9A01GPPVC	9A5WW	HC5EG	EA5GL	TR8CR	F6AJA
9A525Z	9A2DM	HF2020HNY	SP2PBM	UK8ZC	RW6HS
9G5RV	DL8MEZ	HF80NMW	SP6PWW	UN7AB	DL8KAC
9K60UAEND	9K2RA	HH2MK	EB7DX	V31AX/p	MOURX
9K71QND	9K2RA	HR5/F2JD	F6AJA	V31PS	MOSDV
9K91BND	9K2RA	HSOZJF	ON4AFU	V47JA	W5JON
9n1aa	N4GNR	HS0ZME	SM6NT	V51WH	DK2WH
9V1YC	W5UE	HSOZNR	VK2BY	V73NS	W3HNK
A50BOC	JH1AJT	HZ48BHR	HZ1SAR	VO1AA	VO1HE
A5B	JH1AJT	КН6/АН2Ү	HL1IWD	ХТ2НВ	F5MVB
A60BHR	A62A	KL7J	N3SL	YL/ES6TZ	YL2GN
A61Q	EA7FTR	L55D	LU5DF	YP2020HNY	YO3КРА
A75GR	MOOXO	LT5X	LU8XW	YP30LLZ	YO2LLZ
A91ND	A92AA	LT7D	EA5GL	YP30MKL	YO2MKL
AP2MKB	EB7DX	LU1ZV	LU4DXU	YP9XMAS	YO9RIJ
CM3EFM	RW6HS	LU4ZS	LU4DXU	Z68MA	Z32ZM
CO2RQ	EC6DX	OA4SS	KB6J	Z81B	IZOEGA
CS2019RCL	CSORCL	OD5TX	W4JS	ZF2YL	AE9YL
CS2CTM	CT7ABF	OD5ZF	IZ8CLM	ZF9CW	K5GO
CV7S	CX7SS	OG60IPA	OH4MDY	ZS3Y	N4GNR
CX1T	IK2DUW	OP75USA	ON4JM	ZW7AER	PY7BR
CX9AU	EA5GL	OR50BFS	ON2KFJ	ZY1F	PP1KV
D2EB	IZ3ETU	OR75NUTS	ON5UB	ZY3F	PS8RV



QSLs received direct or through managers: 4A1DX, 4S7AB, 4X4DK, 5K0K (NA-033), 8P6SH, 8R1/AG6UT, 8R1/AH0G, 9G5AR, 9H1XT, 9H6A, 9M4DXX, 9U3TMM, A35JT, AP2AM, BW2/JP1RIW, C21WW (OC-031), C5DL, D4C, D73G (AS-148), E44WE, EA9ACD, ES3AX, EV19CYC, FK8GX, FK8HA, FO/W6NV, HD8M, HP1AVS, J28PJ, JI3CEY/O (AS-206), JT1CO, K5P (NA-089), KH0/KC0W, KH6ZM, KL7/NC6K, KL7RA, KL7RRC/D (NA-210), LU1DX, LX7I, LY30A.



 (A3-200),
 JTICO,
 KJP
 (NA-089),

 KHO/KCOW,
 KH6ZM,
 KL7/NC6K,
 KL7RA,

 KHO/KCOW,
 KH6ZM,
 KL7/NC6K,
 KL7RA,

 MD/OP2D,
 N5C (NA-082),
 OJOMR,
 OX7AXT,
 P29LL,
 PJ2/KY7M,
 PJ4/K4BAI,
 PJ4A,
 PJ4K,
 RA1ALA/8 (AS-083),
 RV1CC/0 (AS-025),
 S01WS,
 S79VU,
 S79W,
 SN1944W,
 SV2RSG/A,
 T30GC,
 T30L (OC-017),
 T42T,
 T88SM,
 T080SP (NA-032),
 TX2A,
 TZ4AM,

 V26K,
 V31CC,
 V47T,
 V6K (OC-059),
 VP2V/DL7VTX,
 VP2V/N5AQ,
 VP2VEM,
 VP5M,
 VU2GSM,
 VU7RI,
 XT2BR,
 YB8UTI (OC-209),

 YE8XBN (OC-145),
 YJ0CA,
 YJ0FWA (OC-035),
 YJ0RRC (OC-104 and OC-111),
 YN2CC,
 ZL4AS,
 ZM4T,
 ZS10PB,
 ZS6CCY.

ADDRESSES

6Y6Y 9G5GS AO2XMA AO3XMA C56BR CX6VM DL7DSW EG5ERC EIOR EL2FM FR4NT FR4SC GU4CHY HB0A HB9BOU HG1S IZ3KVD JA0JHQ JA1XGI JH1AJT KH7B LT1F LU4DXU OH9SCL OY9JD PR67TOO	Lester B. Veenstra, 452 Stable Lane, Keyser WV 26726, USA Matteo Ghirardini, Via Maggiore 77, 48121 Ravenna RA, Italy Federacion Digital EA, Apartado Postal 3050, 08200 Sabadell (Barcelona), Spain Federacion Digital EA, Apartado Postal 3050, 08200 Sabadell (Barcelona), Spain Federacion Digital EA, Apartado Postal 3050, 08200 Sabadell (Barcelona), Spain Carlo Houben, Koebaan 73, 3600 Genk, Belgium Jorge Diez Furest, Remigio Castellanos 474, 37000 - Melo, Cerro Largo, Uruguay Dirk Schulz-Wachler, Steinstr. 4, 53175 Bonn, Germany Manolo Sanchez Perez, Apartado Postal 173, 03660 Novelda (Alicante), Spain Declan Craig, 167 Saint James's Road, Dublin 12, D12 W6T4, Ireland Joe Brown, 10 Oldhams Lane, Bolton, BL1 6PN, United Kingdom Stephane Van Langhenhoven, 24 bis rue de Anter Hent, 29830 Ploudalmezeau, France Stephane Van Langhenhoven, 24 bis rue de Anter Hent, 29830 Ploudalmezeau, France Dick Allisette, Lilyvale House, Rue des Houmets, Castel, Guernsey, GY5 7XZ, United Kingdom Amateurfunk Verein Liechtenstein, P.O. Box 629, 9495 Triesen FL, Liechtenstein Herbert Aeby, Route du Moulin 1, 1782 Belfaux, Switzerland MTTOSZ Gyor Varosi Radioklub, Gyor, Nagysandor Jozsef u. 27, 9027, Hungary Giorgio Laconi, Via Perine 4, 31020 Villorba TV, Italy Nobuaki Hosokawa, 1458-25 Okagami, Asao-ku, Kawasaki-shi, Kanagawa, 215-0027, Japan Haru Uchida, 2-30-11 Shintomi, Kawagoe-shi, Saitama, 350-0043, Japan Y. Zorro Miyazawa, P.O. Box 8, Oiso-machi, Naka-Gun, Kanagawa, 255-0003, Japan Bill Kollenbaum, 2446 Belleaire Rd, Clearwater FL 33764, USA Karlos Luis Bruno, Calle Espana 1115, S2000DBW, Rosario, Argentina Enrique Ledo, Calle Caracas 2664, B1640DHL, Martinez, Argentina Napapiirin Yhdeksikot r.y., C/O Anssi Puuronen, Kemijoen itapuolentie 1577, FI-97110 Rautiosaari, Finland Jon Dam, Undi Kerjum 7, FO-100 Torshavn, Faroe Islands Moises Cordeiro Muniz, Rua Taruma 391, Toledo – PR, 85909-460, Brazil
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