# 425MAGAZINE

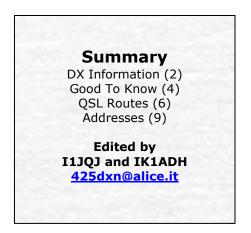
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### February 2021

The Italian Bulletin for Serious DXers (weekly issues #1553-1554-1555-1556)













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

#### **DX INFORMATION**

Owing to the ongoing and fluid nature of the COVID-19 situation globally, announced activities might be cut short, postponed, cancelled or even extended at any time and without notice.

**3W -** 3W9FAR is the callsign that Sebastian, SP5FAR will



be using from Vietnam. He has been in the city of Da Nang since 21 January, and will remain there until 21 March. In his spare time he will operate SSB and digital on 40, 20, 15 and 10 metres. QSL via eQSL. [TNX

The Daily DX]

5V - 5V7DE is the newly issued callsign for Daniel, HB9EHD, who has been active as 5VDE from Kara, Togo since 11 February [425DXN 1551]. He will be QRV on QO-100 SSB during his evenings, and on 40 and 20 metres FT8. QSL via LoTW and eQSL, or direct to home call.

9A - 9A10FF is the special callsign for the Croatian Flora



Fauna ARC (9A1WFF, http://www.9aff.sovaprojekt.hr/) to use throughout 2021 to celebrate its 10th anniversary. QSL via LoTW, or via 9A2MF (direct or bureau).

A9 - Members of the Bahrain Amateur Radio

Society will be active as A91SD on 5-9 February to promote Bahrain Sports Day (9 February). QSL via LoTW, or via FC6DX.

- C9 Bruno, CS7AMN will be active as C91BVA from Maputo, Mozambique starting on 18 February. He will operate SSB and digital modes on 80, 40, 20, 15 and 10 metres. QSL via LoTW, eQSL, or via the bureau to CS7AMN. He will upload his log to Club Log.
- CE Members of Radio Club Melipulli (CE7RCM) will be active as CB7FT from the lighthouse on Isla Tabon (SA-018) on 19-21 February for the American Lighthouses Weekend. They will operate SSB and digital modes on the HF bands. QSL via EA5GL.
- CO Reinaldo, CO6RD will be active from the lighthouse on Cayo Blanco de Zaza (possibly counting for IOTA group NA-204) on 19-21 February during the American Lighthouses Weekend. QSL direct to EA5GL.
- CO Once again special station T45FM will be QRV from the lighthouse at Punta Maya on 19-21 February for the American Lighthouses Weekend. Expect activity on 80-10 metres SSB, CW and digital. QSL via RW6HS. [TNX RW6HS1
- **DL** Commemorating the 220<sup>th</sup> anniversary of the birth



of Friedrich Clemens members Gerke, DARC Ortsverband Kerpen G29 will be active as DC220GERKE from 2 February to 30 April. QSL via DJ6SI (direct bureau). or Gerke (1801 - 1888)was the reformer of

the Morse code; his improved version of the original code was adopted by the International Telegraph Union (the precursor of today's ITU) in 1865.

DL - Special event stations DQ100JL and DR100JL will be



active from 1 March to 31 May. The suffix for stands Junkers Luftverkehr, one of the earliest and largest airlines in Germany at the time, founded in 1921 as a division of the aircraft manufacturer Junkers. Also active

will be club stations DA0FFR, DB0FFR, DF0FFR and DK0FFR. All QSOs will be confirmed automatically via the bureau. An award will be available, https://100julu.de/ for information.



EA - URE San Fernando (EA7URF) will operate special callsign EG484FIM on 20-21 and 27-28 February to mark the 484th anniversary of the Spanish Naval Infantry (Fuerza de Infanteria de Marina). Formed in 1537, it is the oldest marine corps in existence in the world. QSL via EA7URF, LoTW and eQSL.

F - Alain, F6BFH has moved permanently on Oleron Island (EU-032) since 14 April 2020. IOTA chasers should be looking for him at 9 and 17 UTC on Saturdays (14040 kHz CW) and on Sundays (14260 kHz SSB). For the time being, as a number of bureaux are still closed, those who need a QSL card can email the QSO data to f6bfh[@]f6bfh.net, and Alain will send the card direct a his own expense. [TNX F6BFH].

F - Francois, F8DVD will be active as TM18AAW on 14-28 February, including the 18th Antarctic Activity Week (20-28 February). He will be QRV from his home QTH in Macon, France. QSL via LoTW, or via home call (direct or bureau). [TNX Les Nouvelles DX]

G - Celebrating Saint David, patron saint of Wales, the Welland Valley ARS will be active as GB0SD from 28 February to 2 March. QSL via G4XEX, LoTW and eQSL.

GM - Chris, GM3WOJ will be active as GB2CR on 4-18 March. He will operate SSB and some CW on 80-10 metres using vintage valve/tube radio equipment manufactured by the Collins Radio Company (1933-1971). QSL via LoTW. Paper QSLs will not be available.



HI - HI7FRA, HI8AM, HI8AT, HI8FHA and HI8GSP will be active as HI2IDT from Isla Saona (NA-122) on 26-28 February. They will operate SSB, FT8 and FM on the HF and VHF bands.

HL - Special event station D90EXPO will be active between 1 March and 17 October to promote the 2021 World Military Culture Expo that will take place in the city of Gyeryong on 1-17 October. QSL via LoTW or via DS3BBC; the logs will be uploaded to Club Log.



I - Promoting World Radio Day (13 February), the UN Global Service Center ARC (4U1GSC) in Brindisi will be active as 4U13FEB on 2-28 February. DXCC wise, it counts for Italy. QSL via 9A2AA, direct or bureau. Also active on 13 February will be Michel, F8GGZ as TM23JMR from

France (QSL via home call) and Radio Club Henares as EH4WRD from Spain (QSL via EA4RCH). World Radio Day was proclaimed in 2011 by the Member States of UNESCO, and adopted by the United Nations General Assembly in 2012 as an International Day.

ISO - Special callsign IIOQSE will be active from Quartu Sant'Elena, Sardinia (EU-024) from 28 February to 30 June to celebrate the 40<sup>th</sup> anniversary of the local branch of ARI. QSL via ISOAGY, direct or bureau.

**J6** - Celebrating the 42<sup>nd</sup> anniversary since the country gained full independence (22 February 1979), amateur radio operators in Saint Lucia (NA-108) have been granted permission to use the prefix J642 from 4 UTC on 21 February until 4 UTC on 28 February: e.g., J642BP, J642DS, J642KZ and J642MV are J69BP, J69DS, J69KZ and J69MV respectively. QSL via operator's instructions.

**J6** - Bill K9HZ (J68HZ), Dan W0CN (J68CN) and Kyle WA4PGM (J68PG) will be active from St. Lucia on 2-11 March, including participation in the ARRL DX SSB Contest as J68HZ. QSLs via LoTW or direct to home calls. [TNX The Daily DX]



**JA** - Members of JARL Joetsu Club (JA0YMA) will be active as 8N0J until 30 April 2022 to celebrate the 50<sup>th</sup> anniversary of the city of Joetsu, Niigata. All QSOs will be confirmed automatically via the bureau and eQSL, di-

rect cards via JJOAWX.



KH9 - Thomas, NL7RR plans to be back on Wake Island (OC-053) starting on 26 February and be active as KH9/NL7RR for six weeks. Last time he was there (October 2020) he operated SSB on 40 and 20 metres. QSL via LoTW or direct

to AL7JX. [TNX The Daily DX]

**LU** - Radio Club QRM Belgrano (LU4AAO, LU4AAO/A and LU4AAO/D) will be active from 25 February to 1 March to commemorate its 53<sup>rd</sup> anniversary. Activity on the HF bands will be on CW, SSB, FT8 and PSK31. A digital QSL will be available, complete information can be found on <a href="http://lu4aao.org/qsl">http://lu4aao.org/qsl</a> 53 aniv LU4AAO.htm. [TNX LU4AAO]

**P4** - John, W2GD will participate in the ARRL DX CW Contest (20-21 February) as P44W from Aruba (SA-036). Expect some activity on 30, 17 and 12 metres before the contest as time permits. QSL via LoTW, or direct only to N2MM. [TNX NG3K]

**PJ2 -** Look for PJ2/AF4Z, PJ2/K4JC, PJ2/N1ZZ and PJ2/WB5ZGA to be active from Curacao (SA-099) on 1-9 March. They will operate SSB, CW, FT8 and RTTY on 160-10 metres. QSL via home calls. On 6-7 March they will participate in the ARRL DX SSB Contest as PJ2T (QSL



via LoTW and W3HNK). [TNX The Daily DX]

**PJ2 -** Also expected to be QRV from Curacao is Andy, DK5ON, who plans to operate SSB, CW and digital modes on 80-6 metres (possibly 160m as well) as PJ2/DK5ON on 4-23

March. QSL via LoTW, Club Log's OQRS, or via home call (direct and bureau). [TNX NG3K]

**PY -** Fabio, PY2RMZ and Rogerio, PU2SDX will be active as PR2IC from Ilha Comprida (SA-024) on 19-21 February. They will operate SSB on 80, 40, 20, 15

and 10 metres. QSL via EA7FTR.

ISLANCE ON THE AIR

**PY** - Members of Scout team PY2GMR will be active as ZW2I from the Icapara Lighthouse

on Ilha Comprida (SA-024) on 19-22 February. QSL via operator's instructions.

**SM** - SK75AT is the special callsign for the Foreningen Umea Radioamatorer Club (SK2AT) to celebrate its 75<sup>th</sup> anniversary from 12 February until 31 December. The logs will be uploaded to LoTW and Club Log.

SV - Amateur radio operators from Greece have been



granted permission to use special prefixes until 31 December to celebrate the 200<sup>th</sup> anniversary of the Greek Revolution of 1821 which led to the formation of modern Greece. The special prefixes do not differentiate the call areas: Class 1 licensees can replace SV# with SX200 (e.g. SX200AEL is SV2AEL, while

SX200RMA is SV8RMA and SX200COL is SV9COL), Class 2 licensees can replace SY# with SY200, club stations can replace SZ# with SZ200.

**SV** - Commemorating the 200<sup>th</sup> anniversary of the Revolution of 1821, the Radio Amateur Association of Western Peloponnese will operate special callsigns SZ21AD, SZ21GK, SZ21LB, SZ21PF and SZ21TK (the suffixes memorialize five prominent figures in the Greek War of Independence) as well as SZ1821R on 1-31 March. QSLs via LoTW and eQSL.



**UA -** Special callsign R125PR will be active on 1-31 March for the 125<sup>th</sup> anniversary of Alexander S. Popov's demonstration of 24 March 1896, when he sent signals between two campus buildings

250 metres apart in St. Petersburg. QSL via R1AU.

**UA\_ant -** On 13 February, Alexei RI01ANT [425DXN 1546] returned to Progress Station from Vostok. He plans to remain there until 24 March, then move to Novolazarevskaya Station (Queen Maud Land, Antarctica) and Bellingshausen Station (King George Island, South Shetlands) before leaving Antarctica in late May. QSL via RX6A. [TNX DX World]

**UR** - Special callsign EM25VER has been active since 1 February to celebrate the 25<sup>th</sup> anniversary of the Antarctic station Akademik Vernadsky (formerly a British research base that existed for nearly fifty years, it was handed over to Ukraine on 6 February 1996). QSL via UT1KY.

**VK -** The Pride Radio Group will be active as VI2021PRIDE on 19 February-7 March, 10 April-5 May and 1-30 June. A unique QSL card will be issued for each event, see <a href="https://prideradio.group">https://prideradio.group</a> for more information. QSL direct to VK3FUR.

**VK** - Celebrating the 100<sup>th</sup> anniversary of the Royal Australian Air Force, special callsigns VI100AF and VK100AF



will be active on 1 March-29 May and 1 March-31 August respectively. The special event callsigns will be used by amateurs from around Australia on a roster basis. QSLs via MOURX's OQRS (https://www.mOurx.com/oqrs/), or direct only to Tim Beaumont, 83 Limbrick Avenue, Coventry, CV4 9EX, United Kingdom.

**VK9C** - Ten members of the Northern Corridor Radio Group (namely VK6BMA, VK6EH, VK6EI, VK6KCC, VK6LOL, VK6MIT, VK6NU, VK6SJ, VK6SSB and VK6XI) will be active as VK9CE from the Cocos Keeling Islands (OC-003) on 16-23 March. «The trip is now set in stone», they say, provided they have «no more COVID scares between now and March 16<sup>th</sup>». They expect to be «quite active, but possibly not 24/7», on 80-10 metres (possibly 6m as well) SSB, CW and FT8 with two stations running up to 400 watts into vertical and wire antennas. The logs will be uploaded to LoTW, eQSL and Club Log. Paper QSLs via EB7DX.

**VK9W** - The Hellenic Amateur Radio Association of Australia is planning a DXpedition to the Willis Islands (OC-007) which is scheduled to take place on 3-13 November. The team so far includes five operators (VK2IR, VK2OK, VK2PN, VK2RF and VK3YP) and VK9W is their requested callsign; if they cannot secure it, they will use VK9HR. More information is expected in due course. Willis ranks number 38 on Club Log's current Most Wanted DXCC list. The most recent operations were VK9DWX (2008) and VK9WA (2015). [TNX DX World]

**VU -** Datta, VU2DSI and others will be active as AU6HTP from a hill-top location near the city of Ahmednagar in the state of Maharashtra on 27-28 February. Look for activity on 7045, 7150, 14215 and 14280 kHz. QSL direct to VU2DSI.

**W** - Bodo, DF8DX will be active again as KT3Q/2 from Long Island (NA-026) from 25 February to 3 April. QSL via Club Log's OQRS (preferred), or via DF8DX.

**YU -** Members of the Serbian CW Club will be active as YT165TESLA until the end of the year to commemorate the 165<sup>th</sup> anniversary of the birth of Nikola



Tesla (10 July 1856). QSL via the bureau, LoTW, or direct to YU1MM.

**YU** - On the occasion of the 70<sup>th</sup> anniversary of continuous activity of the callsign YU1ANO, the Belgrade Amateur Radio Club will be signing YU51ANO from 15 February to 15 June. QSL via YU1EA.

**ZD8 -** Tev, TA1HZ has been QRV as ZD8HZ from Ascension Island (AF-003) since 17 January [425DXN 1547]. He plans to participate in the ARRL DX SSB Contest (6-7 March) and the CQ WW WPX SSB Contest (27-28 March), and says he will remain «active until mid-April». QSL via LoTW, eQSL or direct to TA1HZ; logsearch on Club Log. [TNX NG3K]







#### **GOOD TO KNOW**

Access to the main functions of <a href="https://www.425dxn.org">www.425dxn.org</a> 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 January 2021 issue is now available for download at <a href="http://www.425dxn.org/index.php">http://www.425dxn.org/index.php</a>. [TNX IZ3EBA]



ANTARCTIC ACTIVITY WEEK • The Worldwide Antarctic Program has announced that the 18th Antarctic Activity Week will be held on 20-28 February. The aim of this annual event is to promote worldwide interest in the Antarctic continent. Special callsigns (QSL via operator's instructions) are expected to be aired during this year's AAW from Austria (OE18AAW, OE88WAP, OE89ANT, OE90AAW), Bulgaria (LZ18ANT), France (TM18AAW), Italy (IB2ANT, II2ANT, II3BOVE, II5ANT, II8WAP, IR1ANT), Netherlands (PA6ANT, PF88ANT), Spain (EH3ANT), Ukraine (EM25VER), USA (K0ANT, K4A, K4C). Complete information on the AAW can be found on <a href="http://www.waponline.it/">http://www.waponline.it/</a>.

ARRL INTERNATIONAL DX CONTEST (CW) ● Object of the contest is for W/VE amateurs to work as many stations in as many DXCC Entities as possible on 160, 80, 40, 20, 15, and 10 metre bands, while DX stations (also including KH6, KL7, CY9 and CY0) work as many W/VE amateurs in as many of the 48 contiguous states and provinces as possible (complete rules can be found at <a href="http://www.arrl.org/arrl-dx">http://www.arrl.org/arrl-dx</a>). This year's event will be held on 20-21 February (00.00-23.59 UTC). Give a look at the Announced Operations listing maintained by Bill, NG3K: <a href="https://www.ng3k.com/Misc/adxc2021.html">https://www.ng3k.com/Misc/adxc2021.html</a> - good contest to you all!



**CQ DX MARATHON: CONVERSION PROGRAMME** • The CQ DX Marathon takes into account the sum total of the number of different Entities plus the number of CQ Zones worked during the calendar year. Jim Reisert, AD1C has released version 21.1 of his conversion programme for Windows, which reads an ADIF log file, extracts all of the unique Entities and Zones worked, and writes the corresponding QSO data to the official DX Marathon Scoresheet. The current version was released on 10 February and will expire on 31 January 2022. See <a href="http://software.ad1c.us/marathon/">http://software.ad1c.us/marathon/</a> for detailed instructions.



**IOTA HONOUR ROLL** • The 2021 Honour Roll and Annual Listings have been posted on the IOTA website <a href="https://iota-world.org/">https://iota-world.org/</a>: click on PERFORMANCE LIST-INGS in the dropdown menu under PROGRAMME INFORMATION. They show the position as at 31 January 2021.

The Honour Roll lists the stations with a checked score equalling or exceeding 50% of the total of numbered IOTA groups, excluding those with provisional numbers, at the time of preparation. The Annual Listing lists the stations with a checked score of 100 or more IOTA groups but less than the qualifying threshold for entry into the

Honour Roll. IOTA rules limit inclusion in the listings to those participants who have updated their scores at least once in the preceding five years (i.e. since February 2016) and have opted to have their scores published.

**LIGHTHOUSE WEEKEND** • The 13th American Lighthouses Weekend will be held on 19-21 February. Details, including a listing of participating stations, can be found on <a href="http://www.grupodxbb.com.ar/">http://www.grupodxbb.com.ar/</a>.

**QSL XWOLP & XZ2A** • Pedro, EA5GL is the newly appointed QSL manager for Simon Luttrell's current activity from Laos (XW0LP), as well as for his past operations from Myanmar (XZ2A). Those who have already sent for a QSL card do not need to put a second request in the mail, as Simon is sending all his materials (including some 100 envelopes for XZ2A) to Pedro. He will also continue to upload his log to LoTW.



**QSL ZL8RI** • When Ken Holdom, ZL4HU (ZL2HU) passed away in May 2018, his widow got rid of all his equipment, correspondence, cards and logs - including ZK1KH, E51KH, ZL8RI (May 1996), ZL9CI (January 1999) and ZL7C (October 2002). «With the help of one of the team members», *The Daily DX* now reports, «a backup copy of the ZL8RI log has been provided to N2OO, who will act as the new QSL Manager». Replacement QSL cards are being printed as part of the QSL Manager's Society DX Log Rescue Project. QSL via Club Log's OQRS, which contains 33,885 QSOs made on 5-13 May 1996.

QSL ZS1SBW & ZSORR • Charles, MOOXO is t he new QSL manager for Shawn "Billy" Williams, ZS1SBW and the Roman Rock Radio Club, ZSORR. QSL cards are currently being printed and will be available in a few weeks' time. QSL via MOOXO's OQRS (https://www.mooxo.com/oqrs/).



**QSO TODAY VIRTUAL HAM EXPO** • The second Virtual Ham Expo organized by *QSO Today* will be held on 13-14 March on a live virtual reality platform that simulates a full convention experience. Attendees will have the opportunity to listen to and engage with 60 speakers, take part in live virtual kit building workshops, walk through the exhibit hall, watch new product demos and interact directly with booth staff. The QSO Today Ham Expo will run for 48 hours as a live event, then it will be available on-demand until 12 April. See <a href="https://www.qsotodayhamexpo.com/">https://www.qsotodayhamexpo.com/</a> for registration and other information.



**RDA** • The Russian Districts Award (RDA) Programme Committee «has made a decision to completely switch to automatic issuance of RDA diplomas starting from January 1, 2021. For that, all the participants' data will be accumulated on the RDA Auto Credit Server (<a href="https://mydx.eu">https://mydx.eu</a>». It is possible to upload scans of QSL cards, as «this is the most convenient way to get those RDAs confirmed for which we haven't been able to get electronic log, but you have a QSL in the bottom of your drawer»: detailed instructions can be found on <a href="https://rdaward.org/press19">https://rdaward.org/press19</a> eng.htm.



**SABLE ISLAND 2021** • The DXpedition to Sable Island, originally scheduled for October 2020, had to be postponed until October 2021 due to the ongoing pandemic [425DXN 1525]. «Since that time, we have been in regular contact with Parks Canada and Sable Aviation», the team posted to the DXpedition's website (<a href="http://cy0dxpedition.net/index.html">http://cy0dxpedition.net/index.html</a>). «There are three issues that we are currently dealing with. These include the Canadian border being reopened, the province of Nova Scotia allowing US citizens entry and Parks Canada allowing our team onto Sable Island. These are all issues completely out of our control.

We are cautiously optimistic that our planned October DXpedition will take place at that time. Still some months away, the Coronavirus will (hopefully) be under

control by that time. Time is on our side in this aspect!

The Sable Island DXpedition team remains committed and excited about this opportunity. Planning continues as we receive regular updates. This is a fluid situation and we will keep everyone updated as we receive additional information. We would like to thank all of the foundations, clubs and individuals for their support, understanding and patience».



**VP8 LICENCES** • «You may be aware that there have recently been some amateur radio licencing difficulties experienced in the Falkland Islands due to new communications legislation being implemented», Chris, G3WOS (VP8WOS) wrote on 1 February. «This involved all previous and existing VP8 licences issued under the old Falkland Islands Wireless Telegraphy Act being revoked en masse in early 2020. This included all existing VP8 Antarctic and South Georgia licences, resulting in no legal amateur radio operation in these Overseas Territories being permitted using a VP8 callsign. Licences were then revalidated and re-issued under the new Falkland Islands Communications Ordinance on a case-by-case basis for use in the Falkland Islands only. We now have some good news from the UK's regulatory body,

OFCOM concerning this situation». Full details have been posted to <a href="https://www.openfalklands.com/">https://www.openfalklands.com/</a> (OFCOM update on VP8 amateur radio licences in British Antarctic Territory, South Georgia and South Sandwich Islands).

WSJT-X 2.3.0 AND WSJT-X 2.4.0-RC1 • The WSJT Development Group has announced the general availability release of WSJT-X Version 2.3.0. It adds FST4 and FST4W, two new modes designed for use on the LF and MF bands. On the 2200 and



630m bands FST4 should replace JT9 for making 2-way QSOs, and FST4W should replace WSPR for propagation tests. Upgrading from earlier versions of WSJT-X should be seamless, and there is no need to uninstall a previous version or move any files. Links to installation packages for Windows, Linux, and Macintosh are available on <a href="http://physics.princeton.edu/pulsar/k1jt/wsjtx.html">http://physics.princeton.edu/pulsar/k1jt/wsjtx.html</a>.

Also available is WSJT-X 2.4.0-rc1: this is a candidate release intended for beta testers, i.e. individuals interested in testing the program's new fea tures and providing feedback to the WSJT Development Team. The first candidate release for WSJT-X 2.4.0 introduces a new digital mode called Q65 de signed for minimal two-way QSOs over especially difficult propagation paths including EME and various types of scatter. Further details and operating hints can be found in the *Quick-Start Guide to Q65*:

https://physics.princeton.edu//pulsar/k1jt/Q65 Quick Start.pdf

**YASME FOUNDATION SUPPORTING GRANTS** • The Board of Directors of The Yasme Foundation (<a href="www.yasme.org">www.yasme.org</a>) has announced that at its 17 February board meeting it has made two grants of USD 5,000 each to the Foundation for Amateur Radio (FAR) and the ARRL Foundation scholarship programmes for 2021. [TNX K4ZW]



**+ SILENT KEYS +** Carlos S. Menem **(LU1SM)** passed away on 14 February. Born in 1930, he served as the 44th president of Argentina from 1989 to 1999.

Also reported Silent Key is Vasiliy A. Romanyuk **(ER4DX)**, who passed away on 15 February aged 65. Afflicted with Covid-19, he had been off the air since September.



## **QSL ROUTES**

From 425 DX News # 1554

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CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
3B8CW	N4GNR	A75GT	N4GNR	NP2X	KU9C
3G2V	CA2CFK	A91SD	EC6DX	OA4DTU	EA5GL
3V8SF	LX1NO	A91WRD	EC6DX	OA4GL	EA7HBC
3Z100ZOSP	SP9PSJ	A92GW	EA5GL	OA9DVK	IK6BFH
3Z90DZC	SP5DZC	AP2MKS	EA5GL	OC200E	OA4O
4K6MAR	DC9RI	вазах	EA5GL	OE100DMT	OE7DMT
4L2M	EA7FTR	BY4DX	BG4GOV	OH0W	ОН2ВН
4L5P	UT7QF	C4W	5B4WN	OL0A	OK1CZ
4L8A	M0OXO	CN2AM	моохо	OV0JUTLANDIA OZ1ACB	
407CC	UA4CC	CN8KD	EC5R	OV70JUT	OZ1ACB
4U0WFP	S57DX	CN8QR	RW6HS	РЗАА	RW3RN
4U13FEB	9A2AA	CN8ZG	EA7FTR	P3X	UT5UDX
4U1UN	HB9BOU	COSTA	EA7ADH	PF88ANT	PA0RDY
5B4ALX	IZ4AMS	CS5CT	CT1REP	PI75VAD	PI4VAD
5B4AOW	RW3RN	D4Z	IK2NCJ	R115AN	RA9LY
5T5PA	PA5X	D73A	EA5GL	R1943S	RZ4AWB
5W1SA	JA1DXA	DB100AVUS	DO2PZ	RA98AE	RQ7L
5Z4PA	MOURX	DC220GERKE	DJ6SI	RI01ANT	RX6A
5Z4VJ	M0URX	DF0GDX	DL6DH	RO98AE	RQ7L
7 <b>A</b> 1A	EA7FTR	DR165TESLA	DK8ZZ	SD1A	SM1TDE
7x2GK	IK2DUW	DU3LA	<b>W3HNK</b>	SN2B	SP3CGK
8P6ET	KU9C	DV1IIW	IK2DUW	SN7Q	SP7GIQ
8S0C	SM0MPV	E2X	E20GMY	SN80EJG	SP5EJG
9A10FF	9A2MF	E7DX	E77E	SN9Z	SP6EQZ
9A5ZTT	NX4TT	ED3X	EA3QP	SX4A	SV2GWY
9G5AR	N4GNR	ED8W	EA5GL	TA1CQ	EA5GL

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
9J2B0	EA5GL	EM25VER	UT1KY	TG9ANF	VE7BV
9J2BS	EA5GL	GM6DX	M0OXO	TI2VVV	EC6DX
9к2ЈЈ	EA5GL	HB15SOTA	HB9DPR	TI2YO	EA7FTR
9K60BM	EC6DX	HB2U	HB90CR	TM1CCA	F4CVQ
9K60BS	EC6DX	HC1E	EC6DX	TM2Y	F6BEE
9K60GS	EC6DX	HC1HN	EA5GL	TM9CR	F1CEP
9K60JJ	9K2RA	HF100HS	SP7ZCN	TT8SN	DL9USA
9K60NLD	EC6DX	HF6FIRAC	SP6IEQ	TZ4AM	WOSA
9K60NO	9K2NO	нн2аа	EB7DX	UE32AI	RA4AV
9K60OD	EC6DX	HI3Y	EB7DX	UP0L	DL8KAC
9K60OF	EC6DX	HK2PMR	EA5GL	V31MA	моохо
9K600K	9K2OK	HP1KZ	EA7FTR	V85AHV	EB7DX
9K600W	EC6DX	нрзак	W4JS	XE3E	EA5ZD
9V1YC	W5UE	HZ1TT	A61BK	XU7AKU	JA1DXA
A60EMM/2	EA7FTR	HZ1WRD	HZ1SAR	XV9NPS	JA2NPS [b]
A60EMM/3	A61BK	II4BUY	IQ4FE	XV9NPS	JA2ODB [d]
A60EMM/5	A61BK	J28PJ	F1TMY	XW0LP	EA5GL
A60HF	EA7FTR	J73ESL	EA5GL	ҮС9ВНЈ	EA7FTR
A60HF/2	EA7FTR	J73WA	ND3R	YP145B	YO7KFX
A60HF/3	A61BK	KP2M	NZ4DX	YT165TESLA	YU1MM
A60HF/5	A61BK	L21RCA	LU4AA	ZF5T	K5GO
A60HF/13	EA7FTR	LX40DA	LX1DA	ZP5FIA	EA5ZD
A71AM	м0охо	LZ18ANT	LZ3SM	ZP6SKY	EA5GL
A71CT	EA7FTR	LZ544SG	LZ1KCP	ZS2AZ	EA5ZD
A71EM	M0OXO	NP2J	K8RF	ZS7ANF	RK1PWA

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
3D2TS	м0охо	HZ1KWT	HZ1SAR	PT2GMA	PT2OP
3G1B	HA1AG	IB2ANT	IK2QPR	PX2A	PY2VM
3V8SS	LX1NO	II1DCC	IK1RAE	S79KW	N4GNR
3z1ĸ	SP1KRF	II2ANT	IK2QPO	S79VU	N4GNR
3Z2021DMB	SP3ZCS	II2S	IZ2FOS	SF400B	SK6LK
4A3G	XE3AA	II2V	IK2AQZ	SK3W	SM5CCT
4A7S	XE2S	II5ANT	IZ5BTC	SN100PB	SP2TMT
4D3X	W3HNK	II8WAP	IK8FIQ	SN2021DMB	SP3ZHP
4JT0SFR	4K4K	IQ1RY	IK1HXN	SN3A	SP3GEM
4JT6RO	4K4K	IR1ANT	I1HYW	SN65KDU	SP9KDU
4L1R	W3HNK	IR1G	IZ1LBG	SO4M	SP4MPG
404T	YU1FW	IR2Q	IK2PFL	SO9I	SQ9ORQ
4U1A	UA3DX	IR6T	IK6VXO	SP8R	SP8PCF
4X1WW	UA4CC	ISO/OM3RM	OM2VL	SQ2A	SQ2RCM
5V7DE	HB9EHD	J642BP	J69BP	SX200AEL	SV2AEL
6Y5HN	EA5GL	J642DS	EB7DX	SX200AGT	SV3AGT
7S6WRD	SK6SAQ	J642KZ	W3HNK	SX200AHB	SV1AHB
7Z1AL	EC6DX	J642MV	J69MV	SX200AQO	SV3AQO
8P1W	KU9C	J79WTA	нв9мгм	SX200CLJ	SV2CLJ
8P2K	KU9C	ЈҮ5НХ	E73Y	SX200CQN	SV1CQN
8Q7AM	IW0HBY	KC4AAA	K7MT	SX200DAY	SV1DAY
8Q7 <b>MM</b>	IZ5KID	KH6LC	WA6WPG	SX200DPJ	SV1DPJ
8Q7SZ	RU3AN	кн7м	KH6ZM	SX200EEM	SV1EEM
9G5FI	DL1RTL	KL7/N1TX	EA5GL	SX200HEP	SV1HEP
9Ј2ММ	N4GNR	KL7RA	N4GNR	SX200HJW	SV2HJW
9J2RD	IZ8CCW	KP2B	EB7DX	SX200HQL	SV2HQL
A25SL	N4GNR	KP4/N2GK	EA5GL	SX200HTW	SV2HTW
A41CK	A61BK	LN8W	LA6YEA	SX200HXX	SV2HXX
A42K	EA5GL	LS2D	EC6DX	SX200JAO	SV2JAO
A60A	EA7FTR	LT5X	LU8XW	SX200JFL	SV1JFL

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
A60KWT	EA7FTR	LT7D	EA5GL	SX200JMC	SV1JMC
A60KWT/2	EA7FTR	LU7YS	EA7HBC	SX200KBB	SV2KBB
A60KWT/3	A61BK	LW2DOD	EC6DX	SX200KF	SV2KF
A60KWT/5	A61BK	LW5HR	EA5GL	SX200RF SX200LIQ	SV1LIQ
A60KWT/13	EA7FTR	LX7I	LX2A	SX200LJG	SV1LJG
A61Q	EA7FTR	LZ125LAZ	LZ1ZF	SX200LLB	SV2LLB
A61QQ	A61BK	LZ5R	LZ1YQ	SX200MNE	SV1MNE
A61R	EC6DX	M2G	M00X0	SX200NIN	SV7NIN
A62A	EA7FTR	M5B	G3TXF	SX2000CQ	sv1ocq
A91KWT	EC6DX	M60	G3WGN	SX200PMR	SV1PMR
AP2TN	DJ9ZB	MMOT	GM3WUX	SX200QN	SV1QN
AZ7H	EA5KB	NP3VI	EA5GL	SX200QNV	SV7QNV
C31BO	EA5ZD	NP3X	EB7DX	SX200RIB	SV7RIB
CB7FT	EA5GL	NP4DX	м0охо	SX200RK	SV1RK
CE3CT	EA5KB	NP4Z	N4AO	SX200RMA	SV8RMA
CN8CZM	CN8ZG	OA4EA	EA5GL	SX200SFK	SV3SFK
CO2AME	RW6HS	OA4SS	KB6J	SX200SIU	SV8SIU
CO2RQ	EC6DX	OD5ET	EB7DX	SX200SPD	SV3SPD
CO5DOR	RW6HS	OD5KU	EB7DX	SX200XY	SV1XY
CO6DS	EA7FTR	OD5RZ	YO3FRI	SX2A	SV2GWY
CO6RD	EA5GL	OD5ZF	IZ8CLM	SX3A	SV2GWY
CO6WD	WOSA	OE18AAW	OE3DMA	SY200CWM	SY2CWM
CR6T	CT1ESV	OE2S	OE2GEN	TG9AOR	EC6DX
cv7s	CX7SS	OE88WAP	OE3KKA	TI2CDA	EA5GL
CX1RL	EA5KB	OE89ANT	OE3AIS	TI2VLM	EA5ZD
CX2AQ	EA5KB	OE90AAW	OE3SGA	TM18AAW	F8DVD
CX2DK	EA5GL	OG0R	OH2PM	TM23JMR	F8GGZ
CX3AT	EA5GL	OG60IPA	OH4MDY	TM3Z	F4DSK
CX4DI	EA5GL	OG95AA	OH8AA	TT8FC	EA3GWK
CX5A	CX2ABC	OH0Z	WOMM	UK8ICU	RW6HS
CX5UA	IK2DUW	OK5Z	OK2ZI	UK8IF	RW6HS
D41CV	IK2NCJ	OK70	OK1DOL	UK8ZC	RW6HS
DQ11WCA	DF6EX	OL3Z	OK1HMP	V31PS	MOOXO
DY1T	DU1IVT	OL57ZW	OK1YM	V44RR	EA5ZD
E2A	E21EIC	OL70DG	OK1DG	V73NS	W3HNK
E2E		OL8M		VK1FOC	
	E21EIC		OK1DRQ		DK2BJ
E77DX	E77E	OM0R	OM3GI	VK5IR	M0OXO
E7CW	E73ESP	ом5м	OM4CX	VP2ETE	W3HNK
EA8AH	OH1RY	ом7м	OM3PA	VP5M	K4QPL
EA80M	DJ10J	OZ0X	OZ1ACB	VY2ZM	EA7HBC
EA8RM	EB7DX	P44W	N2MM	WP3C	M0OXO
ED7N	EA7KHB	PA21BP	PA3EFR	WS7G	W7BJN
EF1A	EA1X	PA21CC	PA2TMS	XE2B	EA5OL
EG484FIM	EA7URF	PA5DX	IZ8CLM	XE3N	EA5GL
EM0I	UT2IZ	PA6B	PE1KL	XL3A	VE3AT
EM2G	UR7GO	PA6T	PI4TIL	XQ3WD	XQ4CW
EO50FF	UX0FF	PA6X	PA7CW	XR2FPT	CA2CFK
EP2LSH	EA5GL	PA6Y	PI4RCK	YB0AZ	W4JS
EX8MCD	EA5GL	PD50NOV	PD3F	YB8UTI	YB3MM
EX8NR	RW6HS	PE6Q	PA8AD	YI1WWA	IK2DUW
<b>FM</b> 5ВН	мзник	PF6IK	PA3HEN	YU51ANO	YU1EA
G6XX	моохо	PG6G	PA4M	ZB2TT	M0URX
GM5X	N3SL	PI4AMF	PA3EYC	ZC4GR	EB7DX
GW0A	GW4SKA	PI4COM	PA1AW	ZF1A	K7ZO
H2X	IZ4AMS	PI4FL	разнев	ZF2MJ	N6MJ
HC5AI	HC5VF	PI4M	PA0MBD	ZF2WF	W9KKN
HC6CR	EC5R	PJ2C	ЕС5АНА	ZF9CW	K5GO
HC6IM	EC5R	PJ2MAN	ЕС5АНА	ZM1A	ZL3CW
		- 0 - 1 m m 4			

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
HF100HCH	SP9ZHC	PJ2ND	K8ND	ZM1M	ZL1BBW
HF2021DMB	SP3ZAT	PJ2T	W3HNK	ZP4KFX	IK2DUW
HF66KAO	SP9KAO	PJ4A	K4BAI	ZP6RAI	IK2DUW
HG3R	HA3NU	PJ4BZL	M0URX	ZP9MCE	EA5ZD
HG8R	HA8JV	PJ4DX	MOURX	ZS0RR	моохо
HI3K	W2CCW	PJ4EL	M0URX	ZS1C	W2ARP
HI8MU	EA5ZD	PJ4EVA	M0URX	ZS1SBW	моохо
HK4GSO	EA5ZD	PJ4NX	M0URX	ZS3Y	N4GNR
HP1XT	KU9C	PR2IC	EA7FTR	ZS6CCY	K3IRV
HP3SS	AC2OV	PS2T	K3IRV	ZY7T	PT2OP
HS0ZJF	ON4AFU	PT1F	PY1AA	ZZ2WAS	PP5AA

QSLs received direct or through managers: 3D2CR (OC-112), 3D2TS, 3Z150MPR, 3Z40RY, 4U75A, 5A1AL, 5R8UI, 7Q6M,

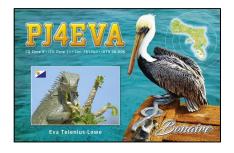


9V1YC, 9G5FI, A42K, AP2TN, B1CRA, B4CRA, B5CRA, B7CRA, B8CRA, C31CT, C6AGU, CP4BT, CP5HK, CQ8M, CR6T, E51BQ (OC-013), E51WL (OC-082), EL2BG, GM2TT, GD0TEP, HB0/UD6DJ, HB9Q, HH2JR, HK7AAG, J8/UR5BCP, JD1BMH (AS-031), KP2M, LU5FZ, LX/PA3EYC, LY5W, MDOCCE, NP3AR, NP3X, PJ7TM, PU0FDN, R195AM, SO40RY, T88SS, TG9ANF, TI2OY, TT8SN, V51MA, V73NS, VK4DX/p (OC-137), VK5KI (OC-139), VR2XYL, WW0WWV,



YBOAR, YI1SAL, Z62FB, Z66DX, ZD7BG, ZP4KFX.







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