



DX bulletin 384

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By ON9CFG

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DX News

Season's Greetings

To all readers of DX-World.

Thanks a lot for your continued support, encouragement and suggestions.

Since 2020 has been such a horrible year, and the "Stay at Home" order was in place around the world, this actually meant DX-World could be updated even more regularly throughout the last 9 months or so. Every day, while actual DX news was in short supply, there was thankfully still enough info to publish and keep the website running with fresh DX-related snippets.

The social media side of DX-World really took off this year. Daily new features also appeared and continue to be very well received. You can find out more **here** on all of that.

Have a good Xmas and above all else stay safe.

73 Col MM0NDX, Bjorn ON9CFG @ DX-World

DX-World DXpedition of the Year 2020

As we all know, Covid-19 has played havoc in every aspect of our lives. That includes amateur radio expeditions to far flung and remote places.

Since mid-March to now there's hardly been any DXpeditions (with the exception of one or two) and as such that means the DX-World DXpedition of the Year 2020 has been very much curtailed.

Every DXpedition listed was active this year. Most took place between January to April. Some got delayed due to travel / quarantine restrictions while others occurred without any issues.

You have two votes. Use them wisely.

<https://www.dx-world.net/dx-world-dxpedition-of-the-year-2020/>

DX-World Christmas Quiz

It's finally here – the **Bumper DX-World Xmas DX Quiz**.

It might be a good idea to pour a drink and have some festive food while you think about the answers. The questions range from very difficult to easy.

<https://www.dx-world.net/dx-world-quiz-14-christmas-special/>

Midway Atoll 2021 KH6VV/KH4 –update

Recently the USF&W Service became uncomfortable with our proposed expedition date due to the forecast of a second virus wave. We are now in that second wave, and the latest news is that Europe is seeing a new strain of the virus that is 70% more contagious. We agreed to change the date to **September 2021** and submit a new Supplemental Use Permit (SUP) application.

Just after that discussion the email link went dark. Business partner Bill Austin, who once served as Maintenance Manager and Harbor Master on Midway, is still well

connected to the gossip email reflector. From this source we learned that there had been an incident on Midway, and the on-island management team for USF&W had been recalled along with two of the supervisors from the contractor. A new management team is expected on-island once the holidays are over. Once that team is in place we will submit our revised application.

FT8 DXpedition mode – Will DXing ever be the same?

<https://www.dx-world.net/ft8-dxpedition-mode-will-dxing-ever-be-the-same/>

OH, FINLAND – OH8X Node active

As part of the Yasme Foundation (yasme.org) project to provide additional Reverse Beacon Network (reversebeacon.net) nodes in underserved areas, equipment has been provided to a team in northern Finland. The latest node to become active is currently hosted by Radio Arcala, OH8X, very close to the Lapland (OH9) Region..

FURTHER STUDY OF THE POLAR PATH

A mysterious propagation mode called Polar Path exists in Northern Europe during the winter season. At and above the Arctic Circle in the middle of the night this propagation offers a footprint covering the entire North American continent for many hours. This occurs in spite of the stations being within the Aurora Oval. Only 100 miles to the south, there is no such propagation at all. A few far-northern stations have taken advantage of this opportunity, such as SJ2W holding the 20 meter CQ WW record and OH8X winning CQ WW Europe on 20 meters ten times straight.

Carl Luetzelschwab K9LA has tentatively studied the Polar Path and expects that two independent propagation scenarios need to co-exist to create this interesting path. The OH8X RBN node would further help the study of the Polar Path in which Radio Arcala will be cooperating with the northern scientific community.

The RBN node receiver is currently located at the Radio Arcala station, OH8X; 65 11 03N & 26 14 53E, but may later move even farther north to be at the heart of this unique Auroral Region of the Arctic Circle.

This week on air

This can change daily, please visit <https://www.dx-world.net/> for updates.

3D2, ROTUMA Antoine is now active as 3D2AG/P until mid-January 2021. This trip is primarily for the purpose of finalising the tombstone memorial for our dear late son in Rotuma.

6O, SOMALIA Ali, 6O100 is once again active from Somalia for 2 more weeks. Operation on all bands, mainly FT8.

FM, MARTINIQUE Didier, F6BCW is operating as FM/call during the festive period. Activity on HF using CW. QSL via home call.

HK, COLOMBIA Lothar, DK8LRF extends his stay due to Covid until end April, 2021. QRV as HK3JCL. QSL via home call.

HS, THAILAND Charly, HS0ZCW informs he is now near Bangkok until January 2, 2021. Operation mostly on 20 and 15 meter using CW.

JD1, OGASAWARA Harry, JG7PSJ is once again QRV as JD1BMH until January 9, 2021. Operation from 40 to 10 meter using CW, SSB and RTTY.

<http://jd1bmh.webcrow.jp/>

JD1, MINAMI TORISHIMA Take, JG8NQJ is QRV as call/JD1 during his spare time until mid-January 2021. Activity on HF using CW. QSL via JA8CJY.

JX, JAN MAYEN Erik LA2US is active as JX2US during the northern hemisphere winter. He operates CW, FT8 and probably some more modes. Focus on 160m, 80m, 40m and 30m. The season lasts until the end of March '21.

TZ, MALI Ulmar, DK1CE is once again active from Bamako as TZ1CE. Activity on HF using CW, SSB and FT8. QSL via home call.

YI, IRAQ Giorgio IU5HWS is active until around January 20, 2021 as YI9WS. QRV on 40-20-10 meter, no CW. QSL via home call, direct.

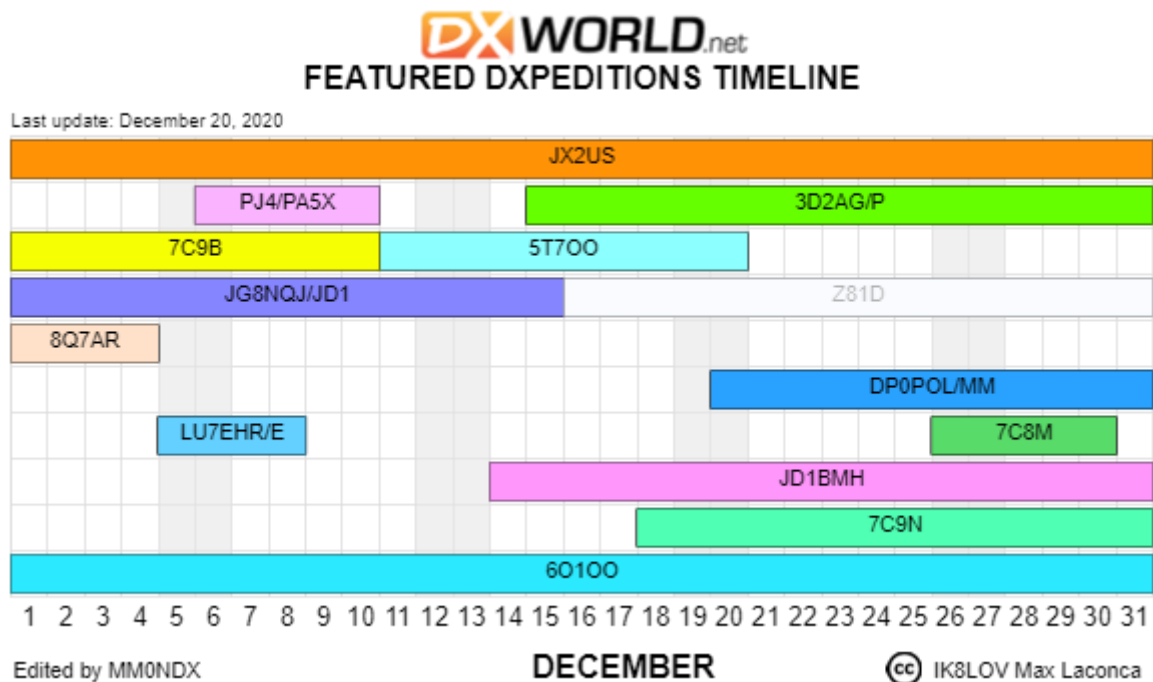
Coming up

TI, COSTA RICA Members of AB3G will be operating from different Costa Rican provinces during a week of Summits on the Air. They will be QRV between January 3-9, 2021. <https://ab3g.weebly.com/#>

V2, ANTIGUA Before his activation on ZD8, Randy WW6RG will be QRV for 1 day as V25RA on January 3, 2021. Operation low power using SSB.

ZD8, ASCENSION ISL Look for Randy WW6RG as ZD8RA on January 5, 2021. QRV when time permits between 0800-1000z and 1700-1900z on 20 or 17 meter using SSB.

DXCC timeline



IOTA

This week on air

ASIA

AS-015 Penang Isl Yoshida, JE1SCJ is active as 9M4DXX until end December. Usually active during the weekends on all bands using FT8. QSL via JA0DMV.

AS-117 Otsu Isl Kenji, JA4GXS will be active as call/4 on December 25-26. Operation on 40, 30 and 20 meter using CW, SSB and FT8. QSL via home call.

EUROPE

EU-125 Romo Isl Mike, DG5LAC will be active as OZ/call between December 26 and January 1. Operation in 'holiday-style' on HF using SSB, FT4/8. Focus on 80 meter using SSB. QSL via home call.

NORTH AMERICA

NA-040 St Lawrence Isl Henry, NL0H got in touch, he is back on air. QRV now and then mainly on FT8 due to RF noise. QSL via M00XO.

OCEANIA

OC-150 Lombok Isl Members of the West Nusa Tenggara Regional ORARI are operating as 7C9N until December 31. Operation on HF. QSL via HA3JB.

OC-166 Laut Isl Ravie, YD7RV will be active as call/P starting December 26. Operation on HF. QSL via home call direct.

OC-236 Gusung Toraja Isl A team with Ram YB8BRI as team leader will be operating as 7C8M during December 26-30. Operation on HF. QSL via YB8BRI.

On the scene

Antoine 3D2AG/P from Rotuma.



ANNOUNCEMENTS

Announced DX

THE NEWCOMERS

5H, TANZANIA Sergey, UT9UU will be operating as 5H3UU from Dar Es Salaam during early August 2021. QSL via home call, LoTW.

ZD8, ASCENSION ISL Tev, TA1HZ will be active as ZD8HZ throughout 2021. He will use 100w to a window wire antenna. Operation during his spare time.

<https://www.qrz.com/db/ZD8HZ>

THE REMINDERS

5H, TANZANIA Roman, RA/3W3RR (ex-9Q9RR) has announced plans to be active from Zanzibar island, AF-032. Currently no set dates as to when 5H1RR activity may happen due to COVID-19. More info to follow in due course..

5T, MAURITANIA Tom, DL7BO has plans to be active as 5T7OO soon and staying there for a long period. More info to follow. QSL via DJ6TF.

8Q, MALDIVES Nobby, G0VJG will be active as 8Q7CQ (pending) from the Reethi Faru resort between January 14 and January 29. Activity from 80 to 10 meter using SSB and digi. QSL via M0OXO.

A3, TONGA Stan LZ1GC and Ivan LZ1PM will be operating as A35GC somewhere in 2021. Activity from 160 to 10 meter using CW, SSB, RTTY and FT8. Logs uploaded during the DXpedition to Club Log. QSL via LZ1GC OQRS, direct or bureau.

CE0Y, EASTER ISLAND The Polish DXpedition Team with Jan SP3CYY, Jurek SP3GEM, Wlodek SP6EQZ, Janusz SP6IXF, Roman SP9FOW and Piotr SP9RCL will be active somewhere during 2021 as XR0YSP. Plans are to be QRV with 3 stations from 160 to 10 meter using CW, SSB and FT8.

CP, BOLIVIA Antonio, EA5RM will once again be active as CP1XRM from San Ignacio de Moxos between January 9 and January 26, 2021. Operation on HF using SSB and digi. QSL via home call, LoTW.

CY0, SABLE ISL Permission for a DXpedition has been authorized with the team: WA2DAN, N2IEN, K5DHY, K5YY, K4UEE, WW2DX, AA4NC, N8AA, N2TU. The CY0C Sable Island DXpedition team will be active somewhere October 2021.

<http://cy0dxpedition.net/index.html>

E6, NIUE Stan LZ1GC and Ivan LZ1PM will be operating as E6AM during October-November 2021. Activity from 160 to 10 meter using CW, SSB, RTTY and FT8. Logs uploaded during the DXpedition to Club Log. QSL via LZ1GC OQRS, direct or bureau.

FP, ST PIERRE & MIQUELON Chris, VO1CH updates DX-World that due to Covid-19, the TO5T DXpedition to St Pierre & Miquelon has been postponed until August 8-16, 2021. Activity from 160 to 6 meter using CW, SSB and FT8. <http://www.to5t.com/>

FP, ST PIERRE & MIQUELON Eric, KV1J will once again be active as FP/call between June 29 and July 13, 2021. Operation from 160 to 10 meter using CW, SSB and digi. QSL via home call, LoTW. <http://www.kv1j.com/fp/July20.html>

FW, WALLIS & FUTUNA Tom, KH0/KC0W informs: due to Covid this trip will be postponed. As soon the situation changes Tom will let us know when he departs Saipan.

HC8, GALAPAGOS ISL A DXfriends DXpedition will take place to San Cristobal. QSL via EA5RM. More to follow.

J8, GRENADINES Brian, GW4DVB will be operating as J88PI between July 23 and August 1, 2021. Operation from 40 to 6 meter using SSB and FT8. QSL via home call. <https://www.g4dvh.co.uk/dxpedition-2017>

KH4, MIDWAY ISL Ron, KH6DV announces a trip to Midway during September 2021 for about 2 weeks (if the COVID 19 is under control). Midway Atoll is #14 on the Clublog most wanted list and has not been active for some time. The aircraft used for the logistics flights has been downsized and visitors are no longer allowed to fly to the island. Operators interested in joining the expedition should be prepared to undertake a 6.75 day ocean voyage. The vessel DXpedition veteran A/S Machias can be seen on my QRZ page KH6DV. The vessel will provide all power (2 x 27KW generators and air conditioned sleeping, operating and galley areas.)

More to follow.

KH8, SWAINS ISL Due to the Covid-19 pandemic it is still impossible to travel to Swains Island. This means that we have to postpone our DXpedition until Spring 2021 at the earliest. Alex Jennings (owner of island) and the team will start planning again as soon as we are allowed to travel to American Samoa without restrictions (such as 14 days in quarantine).

OJ0, MARKET REEF Joseph, AD7D will be operating as OJ0D during the summer 2021. Dates not yet confirmed. More to follow.

PJ5, SINT EUSTATIUS John, W5JON will be active as PJ5/call between June 22-28, 2021. Operation from 40 to 6 meter using SSB and FT8. QSL direct or LoTW.

PJ7, SINT MAARTEN Tom, AA9A will once again be active as PJ7AA from February 27 until March 27, 2021. Operation from 80 to 10 meter using CW, SSB and digi. QSL via LoTW and Club Log.

PZ, SURINAME Markus, DJ4EL informs: Due to the rising Covid-19 cases in Europe tourists who would like to visit Suriname must bring a negative Covid-19 test and are required to be quarantined for 10 days after arrival. The second problem is that on the

way back to Germany I would have to travel via Amsterdam airport which could make another Covid-19 test and another quarantine at home necessary. New dates: PZ5GE, Easter 2021. Operation from 40 to 10 meter using SSB. QSL via home call, LoTW.

TT, CHAD The Italian DXpedition Team will be active as TT8RR (CW, SSB and RTTY) and as TT8XX (FT8) somewhere during 2021 from Ndjamena. Nine operators (I1FQH, I1HJT, I2PJA, I2YSB, IK2CIO, IK2CKR, IK2DIA, IK2HKT and IK2RZP) will be active with four stations on all bands. QSL via I2YSB (direct only).

<http://www.i2ysb.com/idt/>

V4, ST KITTS John, W5JON will once again be active as V47JA from Calypso Bay between June 12 and July 10, 2021. Operation from 160 to 6 meter using SSB and FT8. QSL via LoTW or via home call direct.

VK9W, WILLIS ISLAND The 2016/2019 CY9C team, and the upcoming Sable Island DXpedition CY0C team, is pleased to announce our next DXpedition. After the Sable CY0C DXpedition, they will go to Willis Island VK9W in 2021. 8 Operators from those two teams will comprise the 2021 Willis Island DXpedition team. Boat arrangements have already been made. We are currently working with the Australian government for the necessary permits. (WA4DAN). More to follow.

VQ9, DIEGO GARCIA Look for Randy, WW6RG as VQ9RA on January 18, 2021. Check 20 meter SSB. QSL via home call.

VQ9, DIEGO GARCIA Dates are not confirmed, nor length of activity, but Bob DU7ET could again be active from Diego Garcia as VQ9ET later this year. Update to follow...

XT, BURKINA FASO Max, DK1MAX will once again be active as XT2MAX somewhere during 2021. QSL via EA5GL. More to follow.

YN, NICARAGUA Robert, DL7VOA will be QRV from Guacalito de la Isla as YN5AO. Dates are still in planning phase due to COVID. Operation in 'holiday-style' with a focus on the low bands. QSL via Club Log OQRS. <https://www.qrz.com/db/YN5AO>

Z6, KOSOVO A Belgian team will be active somewhere in 2021 from Kosovo. QRV from 160 to 6 meter using CW, SSB and digi. QSL via Club Log, OQRS.

Announced IOTA

THE REMINDERS

AFRICA

AF-045 Gore Isl A team with 6W1KI, 6W1PZ, 6W1QL, 6W7JX and others will be operating as 6V1A when the situation is possible. Activity on various bands with 2 stations using CW and SSB. QSL via LoTW.

AF-115 Mukawwar Isl As news of Covid vaccines emerge – with hopefully an improving picture across the world by the middle of next year – plans for this particular island activity will restart after March 2021. Future updates will be posted here.

ASIA

AS-152 Bol'shoy Begichev Dates are not yet confirmed, however the Arctic Legends team (RT9K) recently received their RI0Q license with a view to being active from Bol'shoy Begichev AS-152 in early 2021.

EUROPE

EU-111 Monach Isles A team with G0VJG, G2NF, G4TSH, GM0WED, G4FAL and G0FDZ will be active as MM8C during the IOTA 2021 contest period from Ceann Ear. Outside the contest they will be active as GM3RCV.

EU-123 Bass Rock Team MS0INT (EI6FR, MM0NDX, MM0OKG and cameraman) has today been granted permission to land on the Bass Rock (EU-123) and to undertake an IOTA DXpedition there. Tentative date: April 17-18, 2021. The Bass Rock has only ever been activated three times (1997, 2001, 2008) according to research. The team is indebted to Deputy Lord Lieutenant, Sir Hew Dalrymple for allowing them to land on his island.

NORTH AMERICA

NA-039 Adak Isl Rob N7QT, Yuri N3QQ and Yuri UA9OBA will be active as KL7RRC from Adak Island during June 2021. Activity on HF using CW, SSB and FT8. QSL via N7RO.

NA-070 Kiska Isl Rob N7QT, Yuri N3QQ and Yuri UA9OBA will be active as KL7RRC from Kiska Island during June 2021. Activity on HF using CW, SSB and FT8. QSL via N7RO.

NA-041 Shelter Isl Phil, KC3CIB will be operating as call/KL7 during his spare time starting June 2021. When time permits, he will be active on HF using mainly digital modes. QSL via home call, direct.

OCEANIA

OC-037 New Zealand Sub Antarctic Islands (Campbell Island) The Perseverance DX Group (PDXG) has some unfinished business. Several members participated on the 2012 ZL9 activation that was cut short by weather. After their successful VP8PJ South Orkney Islands 2020 DXpedition, PDXG is pleased to announce their intention to activate the New Zealand Sub-Antarctic Islands (ZL9), Campbell Island. Club Log #24 most wanted, in the 2021-2022 time-frame.

The plan includes 160-10m operation, CW/SSB/RTTY/FT8, with emphasis on 160, 80, 60, 40 and, propagation dependent, 12 and 10 meters.

The landing permit process is pending and discussions with transportation partners have begun. However, the Covid-19 lockdown has caused significant delays and uncertainty.

OC-139 Kangaroo Isl Grant, VK5GR informs that he will be back in January for a longer break. This will be a 'holiday-style' operation. More to follow.

SOUTH AMERICA

SA-092 Papegaaien Isl Markus, DJ4EL informs DX-World that he has new dates for his IOTA DXpedition to Papegaaien Island as PZ5G. He hopes to be QRV from this rare IOTA during April 2-5. Activity on 80-10m using CW and SSB.

-PZ5G grid GJ15kv (10-80 meter CW and SSB)

-PZ5GE grid GJ25kr (10-40 meter using SSB only)

More on QRZ.com

Antarctica base stations

Belgrano II Base Ramon, LU3HRS reports he is now active from Belgrano II Base, Coats Land, Antarctica during the 2020-2021 scientific research season. His exact locator is HB22qd. QRV mainly on 20m FT8-FT4-JT65 when time permits. QSL via LoTW or bureau via LU4AA.

Halley VI Base Seba SQ1SGB will sail to Halley VI Base in December and hopes to be active for 5 weeks starting beginning of January 2021. Callsign might be SQ1SGB/VP8 (if VP8HAL is not be allowed due to the new strange rules of the Falklands authorities). It's also possible he may use alternative call such as SQ1SGB/A or maybe /ANT or /P. QSL via EB7DX.

King Se-Jong Base As part of the next scientific team, look for Lee, DS4NMJ to again be active from the King Se-Jong Korean Antarctic Base on King George Island, South Shetlands as DT8A in 2021. QRV on FT8, CW & SSB, 100w. QSL via DS5TOS. Dates to be confirmed.

Mirny Station Alexander, RX3ABI is QRV as RI1ANM from Mirny Base, IOTA AN-016, until early 2021 while on work assignment. Activity during his spare time on 40 and 20 meters using FT8. QSL via home call.

Neumayer Station III Organizing an Antarctic expedition in the times of COVID19 is quite a challenge, so the German polar institute (AWI) had to find a different approach to the logistics for the upcoming Antarctic summer season. All transports will be carried out

by ship directly from Germany. There is only a small team of about 20 technicians and scientists travelling to Neumayer Station, Antarctica, this year. YL Theresa (DC1TH) and Felix (DL5XL) will be part of that group.

During the voyage, from December 20 for about one month, Felix will operate as DP0POL/MM from the research ice breaker "Polarstern", mainly in CW and digital modes. From mid-January to mid-March 2021, DL5XL expects to be active from the research station "Neumayer III" signing DP1POL.

The ham station in Antarctica is equipped for HF and QO-100 satellite. Club call DP0GVN may also be used at times by other operators.

QSL manager for DP0POL/mm and DP0GVN is DL5EBE, QSL cards for DP1POL will be handled by DL1ZBO (direct, bureau or LotW for all call signs).

Progress Station

Vostok Station

Alexey, RX6A will be active soon, his approximate schedule is:

December 7-25 as RX6A/MM

December 25, 2020 until May 30, 2021 as RI0IANT

Operation from 40 to 15 meter using CW and FT8. QSL via home call.

Syowa Station The Japanese Antarctic Research Expedition's overwintering team at the Syowa Station on East Ongul Island (AN-015), Antarctica includes Taka, JA1AGS and Hiro, JH7JCX. In their spare time they are QRV from the 8J1RL club station, with activity on 40, 30, 20, 17 and 15 metres mainly FT8. They will be there until January 2021. QSL via the bureau to 8J1RL, or direct to JG2MLI.

Special calls

THE NEWCOMERS

DL, GERMANY Look for **DR165TESLA** by members of DARC OV Mainz during 2021. This to celebrate the 165th birthday of Nikola Tesla. QRV on all bands using all modes. QSL via DK8ZZ, Club Log OQRS, LoTW. Your card is not needed.

I, ITALY Look for IB2ANT during February 2021 to mark the Antarctic Activity Week with a new WAP award reference WAP-308 on the air. Operation on HF using CW, SSB and digi. QSL via IK2QPR.

UR, UKRAINE A Special event station **EN50WZA** will be active during period of January 1-31, 2021 to commemorate the 50th anniversary of the founding of the UT7WZA club station (ex UK5WBG (1971-1984), UB4WZA (1984-1994)). Activity will on CW, SSB and digital modes. QSL via UT7WZA either bureau, direct and LOTW.

THE REMINDERS

DECEMBER YOTA MONTH

The entire month of December, several youngsters under the age of 26 will become active with YOTA as suffix in the callsign. The idea behind this is to show the amateur radio hobby to youth and to encourage youngsters to be active on the ham radiowaves. Usually you hear YOTA stations on air from our summer and subregional camps throughout the year. This season has been an exception. Due to the worldwide COVID-19 pandemic, nearly all our camps and events had to be cancelled. Therefore, nearly no possibilities were left to hear YOTA stations on the bands.

Hence, we as Team YOTA want to show the world that the youngsters still want and can be active on the bands during this difficult time. Help your local youngsters to get on the air throughout the December YOTA Month following your national health guidelines.

Either you are a supporting elmer or under 26 years yourself, contact your society's youth coordinator to be active with your national YOTA callsign. If your society did not apply for one yet, feel free to encourage them to do so of course. It will be a pleasure to work a lot of new youngsters on the bands!

<https://www.dx-world.net/december-yota-month-activity/>

4S, SRI LANKA Amateur radio operators from Sri Lanka have been authorized to append **/70** to their callsigns (e.g. 4S7VK/70) during the month of December to mark the 70th anniversary since the founding of the Radio Society of Sri Lanka (formerly known as the Radio Society of Ceylon) (TNX 425DX)

4U1UN UNITED NATIONS HQ New York Special callsign **4U75UN** until end 2020 (operated remotely) will be used to celebrate the opening of the General Assembly and the 75th anniversary of the United Nations.

The General Assembly, established in 1945 under the United Nations Charter, is a main deliberative organ of the United Nations. It brings together delegations of all Member States to examine international issues.

The UN is marking its 75th anniversary at a time of great disruption for the world, compounded by an unprecedented global health crisis with severe economic and social impacts. COVID-19 is a stark reminder of the need for cooperation across borders, sectors and generations. QSL via HB9BOU.

4X, ISRAEL Members of the Holy Land DX Group will be active as **4X7T** from the UNESCO World Heritage site of Tel Be'er Sheva (square F23BS for the Holyland Award) on 25-26 December. They will operate CW, FT8 and SSB on 80-10 metres with three stations. QSL via 4Z5LA. (TNX 425DX)

5B, CYPRUS Amateur radio operators in Cyprus celebrate the 60th anniversary of their Cyprus Amateur Radio Society (CARS) during 2020 as **prefix 5B60** (e.g. 5B4AIX turns into 5B60AIX). For QSL information see qrz.com.

A60EMM Emirates Mars Mission

The United Arab Emirates has officially entered the global space exploration race. This came after His Highness Sheikh Khalifa bin Zayed al Nahyan, President of the UAE, issued a decree to establish the UAE Space Agency, and began working on sending the first Arab and Islamic probe to Mars, a project named "Hope Probe". This makes the UAE one of only nine countries working to explore Mars.

The probe will start its journey in 2020, and is scheduled to arrive to Mars by 2021, in celebration of the 50th anniversary of the union of the UAE. The planning, management and implementation of the probe project are implemented by an Emirati team, whose members depend on their skills and diligence to acquire all space exploration-related knowledge and applying it. The program is fully funded and supervised by the UAE Space Agency, while the probe is being developed by the Mohammed bin Rashid Space Centre (MBRSC), in collaboration with international partners.

Ops for 2020:

- * A60EMM/1, Op. A61M, QSL: A61BK
- * A60EMM/2, Op. A61Q, QSL: EA7FTR
- * A60EMM/3, Op. A61FK, QSL: A61BK
- * A60EMM/4, Op. A61BK, QSL: A61BK
- * A60EMM/5, Op. A61DD, QSL: A92AA
- * A60EMM/6, Op. A61QQ, QSL: A61BK
- * A60EMM/7, Op. A61FJ, QSL: LZ1YE
- * A60EMM/8, Op. A61DL, QSL: A61BK
- * A60EMM/9, Op. A61NN, QSL: Direct

<https://www.mbrsc.ae/emirates-mars-mission>

CT, PORTUGAL Valdemar, CT7AQD will be active as **CQ75ORSI** throughout 2021 to commemorate the 750th anniversary of the birth of Elizabeth of Aragon (1271-1336), queen consort of Portugal and patron saint of the city of Coimbra. QSL via home call. (TNX 425DX)

DL, GERMANY Special callsign **DK70DARC** is active until 31 December to celebrate the 70th anniversary of the Deutscher Amateur Radio Club, the German IARU society. QSL via the bureau; direct cards should be sent to DK5ON. (TNX 425DX)

DL, GERMANY DARC's local branch D13 (Maerkisches Viertel) will operate special call **DL73TXL** until end June 2021 to say goodbye to Berlin-Tegel Airport (IATA code TXL), the main international airport of Berlin, which is expected to close permanently in early November. Along with Gatow and Tempelhof, it played a pivotal role during the

Berlin Airlift (1948-1949), organized by the Western Allies to carry supplies to the people of West Berlin. (TNX 425DX)

DL, GERMANY DL250BEETH (special DOK 250LVB) joins the celebration of Ludwig van Beethoven's 250th birthday until the end of the year. QSL via DJ6SI direct or bureau. (TNX DXNL)

DL, GERMANY The special event station **DA2025C** (special DOK 2025CH) supports the bid of Chemnitz to become the European Capital of Culture in 2025. QRV until the end of January 2021. QSL via bureau. (TNX DXNL)

DL, GERMANY The special event callsign **DL35SDR** (special DOK 35SDR) draws attention during 2020 to the rapid development of SDR technology during the past 35 years. It also recognises the achievements of Prof. Ulrich L. Rohde (DJ2LR) in that field. QSL via bureau. (TNX DXNL)

DL, GERMANY DA0DOM (special DOK 500DOM) draws attention to the completion of the cathedral in Magdeburg in 1520. QRV during 2020 from 160 to 13 cm using CW, SSB, digital modes and FM. QSL via bureau, DL8CWA (d), LoTW. (TNX DXNL)

DL, GERMANY Celebrating the 70th anniversary of the Deutscher Amateur Radio Club (the German IARU society), special calls **DF70DARC** and **DP70DARC** are on air during 2020. QSL via bureau, LoTW or direct to DK5DC; logsearch on Club Log. <http://www.70darc.club/> (TNX 425DX)

DL, GERMANY Yannick, DK1YH and others are active as **DL30GER** during 2020 to celebrate the 30th anniversary of the German reunification process. QSL via the bureau or direct via DK1YH. (TNX 425DX)

DL, GERMANY Special call **DL100BKW** is 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. QSL via Club Log OQRS. A certificate will be available, see qrz.com for information. (TNX DXNL)

EA, SPAIN Special callsign **AO50UPC** will be active on 15-30 December to celebrate the 50th anniversary of the Universitat Politècnica de Catalunya (Polytechnic University of Catalonia). (TNX 425DX)

F, FRANCE TM63SC ("Santa Claus") is a special callsign for Jean-Pierre, F8DZU to use between 30 November and 30 December to celebrate this year's Christmas Holiday Season. QSL via home call, direct or bureau. (TNX 425DX)

F, FRANCE Celebrating Christmas and the New Year, the Radio Club du Val d'Is-sole (F8KGH) will be active as **TM20XMAS** and **TM21HNY**. QSL via eQSL. (TNX 425DX)

F, FRANCE Members of the Radio Club de Cestas (F6KUQ) operate the special event station **TM100LY** to mark the 100th anniversary of the radio broadcast station Bordeaux-La Fayette. They are joined by **TM1LY**, run by the Radio Club du Bassin d'Arcachon (F5KAY). Both calls are active until the end of 2020. QSL for TM100LY via F6KUQ; TM1LY via F5KAY. (TNX DXNL)

G, ENGLAND During the month of December, the Welland Valley Amateur Radio Society will be running special callsigns **GB1XMS** (from the shack of G1IVG), **GB2XMS** (from the shack of G4ISN), **GB5XMS** (from the shack of G4XEX) and **GB9XMS** (from the shack of G0SFJ) to celebrate Christmas and say farewell to 2020. QSL via eQSL and LoTW. (TNX 425DX)

HB9, SWITZERLAND HB40HTC and **HB40HC** are QRV for the Helvetia Telegraphy Club that is celebrating its 40th anniversary in 2020. QSL via 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". <https://hb-ocwa.ch/>

HZ, SAUDI ARABIA HZ18SAT is a special callsign for the Saudi Amateur Radio Society (HZ1SAR) to celebrate the 18th anniversary of the launch of the Saudi satellite 1C SO-50 (20 December 2002). Look for activity on SO-50 on 17-27 December; see qrz.com for more information. (TNX 425DX)

I, ITALY Celebrating the 75th anniversary of the founding of the United Nations, the UN Global Service Center ARC (4U1GSC) in Brindisi is active as **4U75B** until end December. DXCC wise, it counts for Italy. QSL via 9A2AA, direct or bureau. (TNX 425DX)

I, ITALY II1DCC ("Drake & Collins Collectors") is the special callsign for a "vintage activity" to be conducted from 1 December 2020 until 31 December 2021. Marco, IK1RAE and other operators will use exclusively Drake and Collins pieces of equipment, and will be QRV on the HF bands (30, 17 and 12 metres excluded) SSB, CW and maybe AM. QSL via the bureau to IK1RAE. (TNX 425DX)

I, ITALY Look for **II3FYT** to celebrate 5 years of Gruppo Radio Dispersi. QRV during 2020. (TNX IW3HV)

I, ITALY ARI Fidenza will use a series of special calls during 2020 to commemorate 12 major events and achievements in Guglielmo Marconi's life:

December: **II4MDY** Marconi Day at Chicago World's Fair (1933)

QSL via IQ4FE, bureau or direct. See <http://arifidenza.hamlogs.net/> for the award and more info.

I, ITALY The ARI section of Bruneck activates the callsign **II3STAY** until end 2020.

QSL via IN3ZWF (d/B). (TNX DXNL)

JA, JAPAN Members of the JARL Okinawa Branch are supporting the reconstruction of Shuri Castle, a UNESCO World Heritage building which burned down on Oct. 31 2019, with the special event station **8N6SHURI** during 2020. QSL via bureau. (TNX DXNL)

JA, JAPAN Special event station **8N1ABIKO** is QRV until the end of 2020 in celebration of the founding of Abiko-City, IOTA AS-007. QSL via bureau.

JT, MONGOLIA JU85UIA celebrates the founding of the University of Internal Affairs 85 years ago. Operators throughout 2020 are JT1CH, JT1BZ, JT1BU, JT1DR, JV1A, and JT1BV. QSL via JT1CH (d). (TNX DXNL)

LU, ARGENTINA The Radio Club Venado Tuerto (LU3FV) celebrates its 50th anniversary with the callsign **L50FV** and with an award between December 1 and 15. QSL via LU3FV (d), LoTW, eQSL. (TNX DXNL)

LX, LUXEMBOURG LX20I is the special call for the LX7I contest station in Eschdorf, Luxembourg to celebrate its 20th anniversary. It will be used for most contests in 2020, starting a single-operator entry in the CQ WW 160-Meter CW Contest (24-26 January). QSL via LX2A. A special LX20I Award will be available. <http://lx7i.com/lx20i/>

LZ, BULGARIA The Bulgarian Radio Club Blagovestnik (LZ1KCP) continues to honour the memory of Orthodox saints during December with the callsign **LZ1263ANI**. QSOs count towards the All Saints - 2020 award. QSL via bureau, LZ1KCP (d).

LZ, BULGARIA The special event station **LZ2020XMAS** will be active throughout December. QSL via LZ1VKI. (TNX DXNL)

LZ, BULGARIA The School Radio Club in Dimitrovgrad (LZ1KAK) operates during December as **LZ1XMAS** to promote amateur radio among young people and share the festive spirit. The main focus will be on 20 and 40m (SSB) during the afternoon hours (12z-14z). QSL via LZ1KAK. (TNX DXNL)

LZ, BULGARIA Special call **LZ50BFRA** is active until end 2020 to celebrate the 50th anniversary of the Bulgarian Federation of Radio Amateurs. Founded on 26 April 1970, BFRA is the national IARU member society. QSL via LZ1BJ (bureau). (TNX 425DX)

OA, PERU OA900 is the special callsign for the Radio Club Peruano (OA4O) to celebrate its 90th anniversary until 31 December. Peru's IARU member society, RCP was founded on 6 December 1930. QSL via OA4O. (TNX 425DX)

OE, AUSTRIA Wolfgang, OE1WWL is celebrating his golden jubilee in amateur radio during 2020 as **OE1970WWL**. An entry in the CQ WW WPX SSB contest is included (March 28-29) as OE0WWL. QSL via home call, bureau and LoTW. (TNX 425DX)

OE, AUSTRIA 4U75A is the special callsign for the VIC Amateur Radio Contest DX Club in Vienna, Austria to celebrate the 75th anniversary of the United Nations until end December. QSL via UA3DX. (TNX 425DX)

OE, AUSTRIA Celebrating the 65th anniversary of the Austrian State Treaty that re-established Austria as a sovereign state after World War II, **OE65VIE** (operated by OE6VIE, see qrz.com for QSL information) and **OE65SGU** (operated by OE3SGU, QSL via LoTW and eQSL only) are active until end December. (TNX 425DX)

OH, FINLAND OH9SCL is once again active from Finnish Lapland ("Santa Claus Land") during the month of December. QSL via LoTW, eQSL, or direct to OH9FKJ. (TNX 425DX)

OH, FINLAND Members of the Market Reef Christmas DX Association (OH9A) are active as **OG1XMAS** from Pori until December 26. QSL via Club Log, LoTW. (TNX DXNL)

OK, CZECH REPUBLIC Celebrating the 30th anniversary of the Czechoslovak DX Club, special callsign **OL30DXC** will be active on all bands and modes from now until 31 December. A special QSL card will be sent automatically via the bureau; direct cards go via OK2PXJ. (TNX 425DX)

OK, CZECH REPUBLIC OK4RQ, OK1VP, OK1AY, OK1DOL, OK6DJ and OK1IWS will be active throughout 2020 with the special event callsign **OL725PLZ** to mark the founding of Plzen 725 years ago. An award is available as well. QSL via Club Log OQRS or OK1DRQ direct. (TNX DXNL)

ON, BELGIUM Belgian amateurs activate the following special event callsigns to remind everyone of Covid-19 restrictions and express gratefulness to medical personnel:

OS2HOPE, OT5ALIVE, OT4CARE, OR20STAYHOME, OT6SAFE, OP19MSF, OQ5BECLEVER, OR6LIFE, OO4UZLEUVEN, and OT2CARE. For QSL information see qrz.com. Operation until January 31.

OZ, DENMARK Commemorating the 100th anniversary of the unification of Southern Jutland with Denmark in 1920, EDR (the Danish IARU society) will activate special callsign **OZ100MILL** on all bands and modes until December 15. QSL via Club Log's OQRS, LoTW and eQSL. A certificate will be available. (TNX 425DX)

PA, THE NETHERLANDS Special station **PA75VERON** is active during 2020 to celebrate the 75th anniversary of the Vereniging voor Experimenteel Radio Onderzoek in Nederland. Activity from 40 to 10 meter using FT8. QSL via LoTW only.

PA, THE NETHERLANDS Henk, PE4T is QRV as special event station **PE75T** from Peize until December 31 to celebrate the 75th anniversary of the Dutch Radio Amateur Organization Veron. Activity is on the HF bands and with FT8. QSL via operator's instructions.

PA, THE NETHERLANDS PA20XMAS, PB20CLAUS, and PD20SANTA will be active throughout December. For QSOs with two of them an award will be available. There will be no QSL cards. (TNX DXNL)

RA, RUSSIA R30MCHS (Saratov) and **R30EMER** (Kurgan) are currently active until December 27, marking the 30th anniversary of the Russian Ministry of Emergency Situations. QSL for R30EMER via RW9QA; R30MCHS via R4CR. (TNX DXNL)

S5, SLOVENIA Special event station **S521PMC** will be active from 4 December to 3 January 2021 to promote the PMC Contest, sponsored by the Radio Club Slovenj Gradec (S59DCD). All QSOs will be confirmed via the bureau. The International Association of Peace Messenger Cities was established in 1988 to recognize and encourage the role and responsibility cities have in creating a culture of peace. The PMC Contest, promoting contacts between stations located in the Peace Messenger Cities and the rest of the world, will be held on 2-3 January (see <http://www.s59dcd.si/> for complete information) (TNX 425DX)

S5, SLOVENIA Members of the Radio Club Cerkno are active as special event callsign **S500E** throughout 2020. Activity is to mark half a million QSO made from the S50E - JN76AD station. A special QSL will confirm each contact via the bureau in early 2021. LOG will be uploaded on ARRL LoTW and CLUBLOG on a regular basis. For those who want to send card direct please request QSL over Clublog OQRS (preferred) or send SASE with 3 US\$ or equivalent in EUR to cover return postage to QSL manager Miran Vončina S500, Cvetkova 35, 5282 Cerkno, Slovenija. Cards with insufficient postage or no return envelope will be returned via the QSL bureau. Special S500E T-shirt will be awarded to station with highest number of QSO (band/mode) from each continent and Slovenija. For more information, updates and useful links please visit Radio Club Cerkno S50E website at <http://www.s50e.si/> (TNX S50U)

S5, SLOVENIA S520SAFE is a special callsign for members of Radioklub Elektron Brezice (S59ACP) to promote the "Be Safe Stay Safe" campaign in order to stop the spread of Covid-19. Look for activity between 8 December and 31 January 2021. QSL via LoTW, eQSL, or direct only to S56IPS. (TNX 425DX)

SP, POLAND The team of SP2PBM will be active as **HF2021HNY** between December 19 and January 10, wishing all radio amateurs, their families and friends a happy new year. QSL via SP2PBM (d/B), Club Log OQRS, LoTW.

SP, POLAND The special event stations **3Z40RY, HF40RY, SN40RY, SO40RY, SP40RY**, and **SQ40RY** commemorate the first RTTY QSO from Poland in 1980 (with Y23NE). QRV until the end of December. An award will also be available. (TNX DXNL)

SP, POLAND Special calls **3Z90PZK, HF90PZK, SN90PZK** and **SP90PZK** are QRV during 2020 to celebrate the 90th anniversary of the Polish Amateur Radio Union (PZK, Poland's IARU Society). Active during the same period are also **HF90TPAR, HF90TPBB, HF90TPBF, HF90TPBG, HF90TPCF** and **HF90TPCG**, whose suffixes memorialize the callsigns of the founding members of the Lwowski Klub Krotkofalowcow, the first amateur radio club in Poland and forefather of PZK. QSL via operator's instructions. (TNX 425DX)

SV, GREECE Look for **SX2500S** to celebrate the 2500th anniversary of the Naval Battle of Salamis. Operation until end December on all bands and all modes. An award is also available. <https://www.qrz.com/db/sx2500s>

SV, GREECE Nine multi-operator special event stations - namely SX1A, SX2A, SX3A, SX4A, SX5A (Dodecanese), SX6A, SX7A, SX8A and SX9A (Crete) - will be active during the countdown to the 200th anniversary of the "Agonas" (the Struggle), the Greek Revolution of 1821 which led to the formation of modern Greece. The countdown will start at -99 days to the actual celebration day (25 March 2021), and a serial number will be appended to each special callsign as follows:

16-25 December from SX9A/99 to SX9A/90
26 December-05 January from SX8A/89 to SX8A/80
05-14 January from SX7A/79 to SX7A/70
15-24 January from SX6A/69 to SX6A/60
25 January-03 February from SX5A/59 to SX5A/50
04-13 February from SX4A/49 to SX4A/40
14-23 February from SX3A/39 to SX3A/30
24 February-05 March from SX2A/29 to SX2A/20
06-15 March from SX1A/19 to SX1A/10
16 March SX9A/9
17 March SX8A/8
18 March SX7A/7
19 March SX6A/6
20 March SX5A/5
21 March SX4A/4
22 March SX3A/3
23 March SX2A/2
24 March SX1A/1

The serial numbers will be dropped only on 25 March. QSL via LoTW, Club Log's OQRS, eQSL, or direct to SV2GWY. An award will be available, see qrz.com's entry for any of the special callsigns. (TNX 425DX)

TI, COSTA RICA On September 15, 2021, the Bicentennial of the Independence of Costa Rica will be celebrated with great fanfare. In commemoration of such an important and historical event, a team of radio amateurs will be activating the special call sign **TI200I** to celebrate 200 years of independent life of Costa Rica.

The goal is to make Costa Rican independence known to the world with pride on its Bicentennial. Activation until October 29, 2021.

Bands – 6 to 80m (+ 2m).

Modes – SSB, CW and FT8 (+ FM).

Contacts will be confirmed via LotW, QRZ & QSL manager.

The team of operators will be announced soon.

UR, UKRAINE Look for **EN100LT** to celebrate the 100th anniversary of the Kharkiv Theater for Children and Youth. Operation until end March 2021. QSL via UT5LU.

VE, CANADA Ron/VA3RVK commemorates the end of World War II with the callsign **CJ3T** until December 28. QSL via VE3AT. (TNX DXNL)

VK, AUSTRALIA VK20HOME remains active until the end of 2020 in support of "STAYHOME" activities. QSL via LoTW, eQSL. (TNX DXNL)

VK, AUSTRALIA Special callsign **VI110WIA** celebrates the 110th anniversary of the Wireless Institute of Australia. Operation until end 2020, it is available for use by WIA affiliated clubs and all WIA members. QSL via LoTW and eQSL. (TNX 425DX)

VK, AUSTRALIA The Wireless Institute of Australia has joined the "Stay Home" campaign and be active as **VK20HOME** until end 2020. The special call is available for use by WIA affiliated clubs and all WIA members. QSL via LoTW. (TNX 425DX)

VR, HONG KONG Members of the Hong Kong Amateur Radio Transmitting Society are operating as **VR2HK90** to celebrate the 90th anniversary of their society. QRV on HF.

XE, MEXICO Look for **4A50CRH** to celebrate the 50th anniversary of the Club de Radio Aficionados Hidrocalidos. Operation until end 2020 from 160 to 6 meter and satellites using CW, SSB, digi and FM. QSL via LoTW, Club Log. (TNX DXNL)

XE, MEXICO The DXXE group celebrates their 15th anniversary during 2020 with the special event callsign **4A15DXXE** on HF. Members are also planning operations with special callsigns from other countries. QSL via LoTW. (TNX DXNL)

YU, SERBIA Look for **YT50SCWC** by the Serbian CW Club to celebrate their 50th anniversary. Operation during 2020. QSL via YU1MM, direct or bureau, LoTW, Club Log OQRS.

ZS, SOUTH AFRICA ZS1820S celebrates the 200th anniversary of the arrival of the 1820 British Settlers in the Eastern Cape area of South Africa. The call sign will be active during 2020 on various bands and modes. QSL is via the bureau to ZS2EC, also via LoTW, Club Log and QRZ.

ZS, SOUTH AFRICA Look for **ZS95SARL** during 2020. This to celebrate the 95th anniversary of the South African Radio League, founded in May 1925 as South African Radio Relay League. QRV on HF, VHF, UHF and via satellites. QSL via bureau.

Thanks to DX-World, DARC and ADXO.