

# 425MAGAZINE

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**July 2019**

**The Italian Bulletin for Serious DXers**  
(weekly issues #1470-1471-1472-1473)



## Summary

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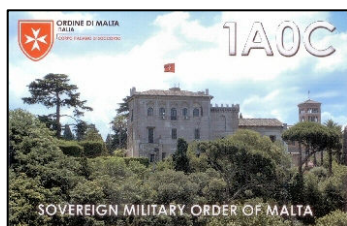
**R63RRC**  
**Popigay-Ary (AS-063)**

Articles and pictures  
for publication in the  
425 Magazine  
should be sent to  
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**IOTA**  
**CONTEST**

# DX INFORMATION



**1A** - A large multinational team (EA1SA, EA5EL, EA5KA, EA5KM, EA5RM, EA7AJR, EA7KW, F8ATS, F9IE, IK5RUN, IN3ZNR, IW0DJB, IZ4AKS and LA7GIA) will be active again as 1A0C from the SMOM on 15-21 July. They will operate CW, SSB, RTTY and FT8 with at least three stations on 80-6m. See <http://www.1a0c.com/> for 1A0C's bandplan, QSLing policy, logsearch and Online QSL Request System. QSL direct via the OQRS (preferred), or direct to EA5RM.

**3D2** - Dom, 3Z9DX is back to Fiji, and has received the callsign 3D2DOM. He plans to "be active from some of the 3D2 islands" during his stay, including participation in the IOTA Contest from the Yasawa Islands (OC-156).

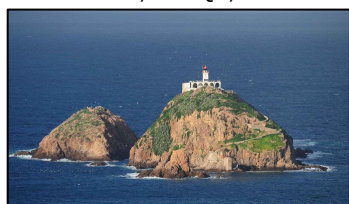
**4L** - Darek, SP9DLM will be active as 4L/SP9DLM from Kobuleti, Georgia on 4-16 August. He will be QRV on 40, 20, 15 and 10 metres. QSL via LoTW, eQSL, or via SP9DLM (direct or bureau).

**5R** - Giovanni, IZ2DPX will be active as 5R8PX from Nosy Be (AF-057) on 3-17 August. He will operate SSB and digital modes on the HF bands. QSL via IK2DUW (direct) and LoTW; the log will be uploaded to Club Log.

**6O** - Ken, LA7GIA (6O6O in January 2018) will return to Somalia and be active as 6O7O for 14 days in September (dates TBA). The licence has been granted, flights and accommodation have been booked, and the LoTW certificate has been issued. He will operate mainly CW on 160-10 metres. QSL via M0OXO's OQRS and LoTW; the log will be uploaded also to Club Log. See <https://www.la7gia.com/> for more information.



**7X** - 7X2RO, 7X5QB, 7X2WB and DL8CX will be active as 7V9A from Sridjina Island (AF-104) on 25-29 July, IOTA Contest included. QSL direct to Ben Lagha, 18 rue Louis Aragon, 26200 Montelimar, France. [TNX DX World]



**8Q** - Sugi, JI3KDH will be active as 8Q7SU from the Maldives (AS-013) from 31 July to 7 August. He will operate CW on 20, 17, 15, 12 and 10 metres. QSL via LoTW and eQSL only.

**9A** - 9A3DF, 9A3ST, 9A4WY, 9A5M, 9A5YY and 9A6AA will be active from Susac Island (EU-016) on 24-31 July. They will participate in the IOTA Contest as 9A2L/p (QSL via 9A3DF). Before and after the contest they will be QRV as 9A1WFF/p and under their home calls. [TNX DX World]

**9H** - Bristol Contest Group members G3TKF, G3XSV, G3YHV and M1DSE will again operate as 9H6YB from Malta (EU-023) during the IOTA Contest (27-28 July). The log will be uploaded to LoTW and Club Log; paper QSLs via G3SWH (direct only: the use of the OQRS facility on <http://www.g3swh.org.uk/decision.html> is strongly recommended). [TNX G3SWH]

**BY** - BA4TB, BD4SS, BD4TS, BG4TRN, BH4BW, BH4SCF, BH4TVU, BH4TXN and BI4SCC will go to Chongming Island (AS-136) for the IOTA Contest. Before the contest they will use their home calls, during the contest they will be signing BG4TRN. QSL via home calls. [TNX NG3K]

**C5** - Przemek, SP3PS will be active again as C5SP from The Gambia from 23 July to 5 August. He will operate SSB and FT8 on 20-6 metres. QSL via home call. [TNX NG3K]

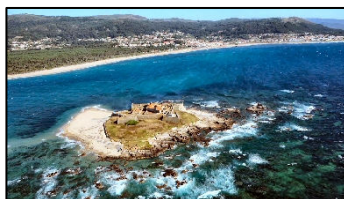
**CE** - CB70E, CB70K, CB70O and CB70Y are the special callsigns for the Discolo DX Group and the Radio Club Santa Maria de Los Angeles (CE5BYU) to celebrate the 70th anniversary of Condorito, a Chilean cartoon character very popular throughout Latin America. Activity will be on 1-31 August. All QSOs will be confirmed automatically via the bureau. Direct cards should be sent to Grupo Discolo DX, Casilla 422, 4449401 Los Angeles, Chile. A certificate will be available, see <http://discolodxgroup.cl/> for information.



**CN** - Taking part in this year's Throne Day's celebrations, special callsigns 5C1M and 5C20FT will be active between 26 and 31 July. QSLs via RW6HS. Throne Day is a public holiday in Morocco that commemorates the enthronement of the incumbent monarch. Since 1999, it has been celebrated on 30 July. [TNX RW6HS]

**CT7** - Special event station CS2Y will be active on 18-21 July for the 38th International Motorcycle Rally in Faro, Portugal. QSL via CT1EHX.

**CT7** - CT1DMC, CT1HIX, CT2GSN, CT2HOV, CT7AFR and EA1CBX will be active as CR5IC from Insua Island (EU-150) on 26-29 July, including participation in the IOTA Contest. QSL direct to CS5ARAM. [TNX NG3K]



**CT9** - Henning, CT9ABR (OZ2I) will be active as CR3EE from Madeira (AF-014) on 8-12 August, especially during the CW leg of the Worked All Europe DX Contest (10-11 August). QSL via OZ2I and LoTW.

**CY9** - Announced FT8 frequencies for the 31 July-8 August CY9C DXpedition to St Paul Island (NA-094) [425DXN 1463] are: 1836 (normal FT8), 3567 (Fox/Hound mode), 5357 (normal FT8), 7056 (F/H mode), 10131 (F/H mode), 14090 (F/H mode), 18095 (F/H mode), 21091 (F/H mode), 24911 (F/H mode), 29081 (F/H mode) and 50316 (F/H mode). QSL via Club Log's OQRS, LoTW, or direct to WA4DAN. The website for the DXpedition is at <https://cy9c.com>.



**D4** - Lukas, HB9EBT will be active again as D44TEG from Sao Tiago (AF-005), Cape Verde on 22-29 July. He will operate CW on 40-10 metres. QSL via home call, direct or bureau. [TNX NG3K]

**EA6** - Andy, DK5ON has been active again as EA6/DK5ON from Mallorca, Balearic Islands (EU-004) since 12 July, and will remain there until the 26th. He operates CW, SSB and digital modes (RTTY, FT8, FT4) on 40-6 metres. QSL via Club Log's OQRS, LoTW, or via home call (direct or bureau). [TNX NG3K]

**F** - Gil, F4FET and Antoine, F5RAB will participate in the IOTA Contest as TM7P from Ile Petite (EU-107). They will be active for a few days before and after the contest,



with two stations on 80-6 metres SSB, CW and RTTY. QSL via F4FET.

**FO** - Rick, AI5P will be active holiday style as FO/AI5P from Tahiti (OC-046), French Polynesia on 22-29 July. He will operate CW and FT8 on 40-17 metres. QSL via home call. [TNX The Daily DX]

**G** - Celebrating the British Amateur Radio Teledata



Group's (BARTG) 60th anniversary, special callsign GB60ATG will be used from the various DXCC Entities in the United Kingdom

between 1 July 2019 and 30 June 2020. QSL via M0OXO. Complete information on the event and the BARTG Diamond Jubilee Award can be found on <http://bartg.org.uk/>.

**G** - On 20 July members of the Poldhu Amateur Radio



Club will be operating GB50AML from the Goonhilly Earth Satellite Station near the Lizard in Cornwall. This is to commemorate the part Goonhilly played in relaying TV signals of the Apollo 11 Moon

Landing fifty years ago. Look for activity on 40 metres SSB, and 20 metres CW and SSB. QSL via Club Log's OQRS (preferred), or via G3UCQ.

**G** - The Cray Valley Radio Society will be active from St



Mary's, Isles of Scilly (EU-011) on 24-30 July, including an entry in the IOTA contest as M8C. Outside the contest the team (G0FDZ, G0VJG, G4FNL, G0MOWED, M0MDR, M0MTBS and M0TGV) will be QRV as

G3RCV/p. QSLs via Club Log's OQRS (direct or bureau) and LoTW.

**G** - Celebrating 55 years of offshore radio broadcasting, the Martello Tower Group will be active as GB55RC (<http://www.martellotowergroup.com/gb55rc.html>) on 1-



5 August. Activity will take place from the MV Ross Revenge, home of Radio Caroline, moored in the Blackwater estuary near Bradwell-on-Sea (Essex). QSL via GB55RC (bureau) or G6NHU (direct).

**GI** - The North West Group ARC (MN0NWG) will run special event callsign GB0OGC on 17-21 July for the 148th Open Championship, the oldest of the four most prestigious annual tournaments in professional golf, this year to be held at Royal Portrush Golf Club in Northern Ireland. QSL via the bureau or eQSL.

**HC** - Dervin Beldman, PD9DX is in Ecuador until 18 July. He was active as HC5BDT (HC5 Bravo Delta Tango) on 8-9 July; then "he has had to return back to the licencing authority for a new licence", his QSL manager (M0URX) reports, and has been QRV as HC5DBT (HC5 Delta Bravo Tango) since 11 July. "I will work with Dervin to see if we can get the original licence paperwork validated", M0URX adds, "it appears that this was an error from the licencing authority". At all events, it might be advisable to work Dervin again under his new callsign. QSL via M0URX's OQRS.

**HC** - Rick, NE8Z will be active again as HC1MD/2 from

the lighthouse at Capay on Hill, in the Santa Elena province of Ecuador, from 27 July to 6 August. He will operate CW and SSB on 40, 39, 20 and 17m. QSL via LoTW, or direct to K8LJG.

**HC** - Joe, IZ1HGP will be active as HC2/IZ1HGP from Isidro Ayora, in the Guayas province of Ecuador, from 1 August to 1 September. QSL via LoTW, or via home call.

**HK** - Thierry, HK2SM and other operators will be active as either 5K2M and HK1NA from El Morro Grande (SA-082) on 27-28 July. They will operate SSB on 80-10 metres. The log will be uploaded to Club Log and LoTW. [TNX The Daily DX]

**HL** - Look for D73F to be active on all bands and modes from 5 July to 18 August for the FINA (Federation Internationale de Natation) 18th World Championships (12-28 July) and World Masters Championships (5-18 August). QSL via HL4CCM, Club Log, eQSL.

**HP** - Commemorating the 500th anniversary of Panama City, the Radio Club de Panama will be active as HO1D during the month of August. QSL direct to HP1RCP.



**I** - Members of ARI Torino, Ivrea and Pinerolo will be active as II1EMG between 2 July and 4 August for the European Masters Games that will be held in the city of Torino

and its environs (26 July-4 August). They will operate CW, SSB and digital modes on the HF and VHF bands. QSL via the bureau. An award will be available for free download; see <https://www.ii1emg.it/> for information.

**I** - ARI Spezia will be active as IY1SP on 9-18 July to commemorate Marconi's first demonstrations of his wireless system in Italy, conducted for observers from the Italian navy at Spezia in July 1897. QSL via I1ANP. [TNX ISOJMA]

**I** - Representing the Associazione Radioamatori Italiani (ARI), the following stations will participate in this weekend's IARU HF World Championship: IO1HQ (80 CW and 40 CW), IO2HQ (160 CW, 160 SSB, 80 SSB, 40 SSB), IO5HQ (20 CW), IO6HQ (20 SSB), IO8HQ (15 SSB and 10 SSB) and IO9HQ (15 CW and 10 CW).



**I** - Michele, IW7EGQ will be active as IL7MP from the Tremiti Islands (EU-050) on 26-28 July, IOTA Contest included. QSL via M0OXO's OQRS.

**I** - A team of ten operators will be active as IP1T from Isola del

Tino (EU-083) on 27-28 July during the IOTA Contest. Activity will be limited to daylight hours only, as they are not permitted to overnight on the island. QSL via I1ANP.

**ISO** - ARI Porto Torres will be active as II0SRE on 19-21 July for the 34th Ittiri Folk Festa. Activity will take place from the Mario Faedda Radio Museum in Ittiri (Sassari), Sardinia (EU-024) on 80, 40 and 20 metres SSB and CW, and via satellite. QSL via ISOJXO. [TNX ISOJXO]

**ISO** - Richard, OM2TW will be active holiday as IS0/OM2TW from the main island of Sardinia (EU-024) from 21 July to 3 August. He will operate CW, SSB, RTTY and possibly other digital modes on 80-10 metres, and will participate in the IOTA Contest. QSL via OM2FY. [TNX OPDX Bulletin]

**ISO** - Sebastien, F8BDQ will be active as IS0/F8BDQ from the main island of Sardinia (EU-024) from 24 July to 6 August, IOTA Contest included. QSL via home call (direct only). [TNX NG3K]

**J6** - Frank, K3TRM will be active as J6/K3TRM from St.

Lucia (NA-108) from 21 July to 3 August. He will operate SSB, CW and digital modes (RTTY and FT8), plus satellite, on 40-6 metres. QSL via Club Log's OQRS, LoTW, or via home call (direct or bureau).

**JA** - The following HQ stations representing JARL will be active from various regions of Japan for the IARU HF World Championship:

| Band/mode | Call  | Location                |
|-----------|-------|-------------------------|
| 160m CW   | 8N1HQ | Tokyo Metropolitan Area |
| 40m CW    | 8N3HQ | Miki-shi, Hyogo         |
| 40m SSB   | 8N2HQ | Higashiura-shi, Aichi   |
| 20m CW    | 8N8HQ | Iwamizawa-shi, Hokkaido |
| 20m SSB   | 8N8HQ | Sapporo-shi, Hokkaido   |
| 15m CW    | 8N6HQ | Minamiaso, Kumamoto     |
| 15m SSB   | 8N1HQ | Hachioji-shi, Tokyo     |
| 10m CW    | 8N2HQ | Higashiura-shi, Aichi   |

All QSOs will be confirmed automatically via the JARL QSL bureau.



**JA** - According to the latest information collected by Shu, JN6RZM (see <http://jn6rzm.cocolog-nifty.com/>), forthcoming planned activities from the brand new IOTA group AS-206 (Honshu's Coastal Islands East) include:

|            |                                                                                                                                                             |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13-14 July | JQ1SUO/0 & JF1CCH/0 (Sado Island)<br>From 13 July in the JST afternoon until around 10 a.m. JST on 14 July (Japan Standard Time is UTC +9 hours)            |
| 13-15 July | JO1CRA/7 (O Island)<br>From 15 UTC on 13 July until 6 UTC on 15 July; mainly CW (7025, 10125, 14045 and 18095 kHz), plus 6m SSB for JA stations (50260 kHz) |
| 14-15 July | JA7ZRY/7 (O Island)<br>Operated by JR7DXE, probably QRV during JST daylight hours only                                                                      |
| 15-16 July | J12NRI/2 & JH2RMU/2 (Toshi Island)<br>From 1 UTC on 15 July until 5 UTC on 16 July; will try for DX on 14045 kHz CW                                         |
| 19-21 July | JG7PSJ/7 (O Island)<br>From 22 UTC on 19 July until 6 UTC on 21 July; he will operate CW, SSB and RTTY on 40-10m                                            |
| 20-22 July | JE3CEY/0 (Sado Island)<br>Apparently QRV during JST nighttime only                                                                                          |

**JA** - Take, JI3DST will be active as JI3DST/1 (QSL via Club Log's OQRS, or via home call) from Shikine Island (AS-008) on 25-31 July, including participation in the IOTA Contest. He will operate SSB, CW and FT8 on 40-6 metres, and will also be QRV as JR8YLY/1 (QSL only via Club Log's OQRS). [TNX JI3DST]

**KH0** - Tom, KH0/KC0W will be using the special callsign K0W from Saipan (OC-086) on 5-14 July. QSL via home call, direct only. He does not use LoTW.

**LA** - Look for LA/OK1XC and LA/OK3EE (OK1DBS) to be active from Flemsoya (EU-056) from 20 July to 4 August. During the IOTA Contest they will be using LA/OL7X

(QSL via OK1XC). [TNX The Daily DX]

**OA** - Nacho, EA7TN (SU9JG) will be leaving Egypt by the end of August. In late September he will relocate to Lima, Peru, where he plans to stay for five years and be active as OA4/EA7TN on all the HF bands and 6 metres. QSL via LoTW and EA5GL. [TNX The Daily DX]

**OH** - OH1MA, OH2BH, OH2GEK, OH2MM, OH8NC, OH9RJ, OH9VC and SM0CXU will be active as OJ9A from Inakari (EU-192) and as OH9A from Selkasarvi (EU-126) on 24-29 July, IOTA Contest included [425DXN 1469]. The operators will split into two groups and commute between the islands, which are only six miles apart. "The Finnish Regulatory Authority (Traficom) has supported amateur radio and the DXCC program for 50 years by allocating OJ0 for Market Reef and more recently OJ9 for Inakari Island and the IOTA programme", OH2BH says. "To salute Traficom for first OJ9 activation those QSOs with OJ9A will also count for the Market Reef jubilee marathon currently underway". QSL OJ9A via OH2BH; QSL OH9A via OH1NOA.

**OH0** - CO8DM, E21EIC, OH2BH and OH2TA will participate in the IARU HF World Championship (13-14 July) as OH0C from the Aland Islands (EU-002). Outside the contest they will use their personal calls. QSL OH0C via E21EIC.

**OH0** - Bert DK3BK, Cornelia DK3CKM and Uwe DO5JD will be active as OH0UDG from the Aland Islands (EU-002) on 3-16 August. They will operate CW, SSB and digital modes on 80-10 metres. QSL via M00XO's OQRS and LoTW. [TNX The Daily DX]

**OJ0** - Market Reef was added to the DXCC List fifty years ago. Taking part in the golden jubilee celebrations, which started in June with OJ0AW and OJ0JR, during the next coming weeks will be: **OJ0A** (6-10 July, operated

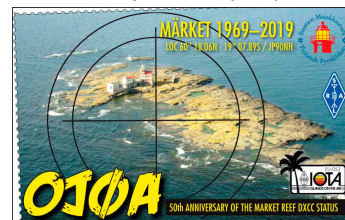
by CO8DM, DJ9ZB, E21EIC, E20NKB, SM3DYU, OH2TA, OH2BH and OH3JR); **OJ0B** & **OJ0Z** (10-13 July, operated by DJ9ZB, OH2PM, PB2T and OH3JR); **OJ0C** (13-20 July, operated by OH1UBO, OH2FB, OH3UAF and OH3WS); **OJ0DX** (27 July-2 August, operated DL3DXX, DJ4MF, DL5SE, SM0W and SA0LAT); **OJ00** (17-24 August, operated by JH4RHF, JE6HIB, DS4EIO, W5XU, OG2M and OH3JR). Additionally, the host operators will "fill some slots and several odd band/modes": OJ0BH (OH2BH), OJ0JR (OH3JR), OJ0MR (OG2M) and OJ0W (OH3WS). See <https://www.qrz.com/db/OJ0A> for information about the special awards that will be available for working five or ten different OJ0 callsigns in 2019.

**OJ0** - Look for Dietmar, DL3DXX and others to be active as OJ0DX from Market Reef (EU-053) [425DXN 1470] between 27 July and 2 August, with a focus first on the IOTA Contest and then on 6 metres (CW and SSB). QSL via DL3DXX; OQRS on Club Log.

**OK** - A multi-national team of YL operators (DK2YL, F4GDI, HB9EPE, HB9FPM, HB9FRC, HB9GNP, HB9GWF, HB9HVV, K2XYL, OE3YJM, OE3YSC, OK1LYL and OK2APY) will be active as OL88YL from the OK5Z contest station near Brno, Czech Republic on 2-8 August. QSL via HB9FPM.

**OZ** - Carsten, OZ4CG from Bornholm Island (EU-030) is active again as OZ4SOP for the Sea Of Peace Award on 1-31 July. QSL via Club Log's OQRS, LoTW and eQSL.

**OZ** - Michael, OZ1KZX will be active as 5P5SAM from





Samsø Island (EU-172) on 20-27 July. QSL via Club Log's OQRS, LoTW, eQSL, or via OZ1KZX (direct or bureau).



**PA** - Special event station PA11APOLLO will be active from 6 July until 2 August to commemorate the 50th anniversary of the Apollo 11 mission to the Moon. QSL via PA1UN.

**PA** - Special event station PA13HJ will be activated between 28 July and 6 August during the 13th Haarlem

Jamboree in Spaarnwoude, the Netherlands. Look for activity on 80-6 metres SSB, CW and digital modes. QSL via the bureau to PA9LUC.

**PJ2** - This year the Dave Kalter Memorial "Youth DX Adventure" will see a team consisting of three teenagers (KG5HVO, KM4BUN and KM4ZIA) be active again as PJ2Y from Curacao on 14-18 July. Plans are to be QRV on all bands SSB, CW, FT8 and possibly some satellites. See <http://qsl.net/n6jrl/> for more information. QSL direct to AB8YK; logsearch on Club Log.



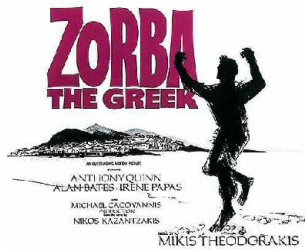
**PY** - Stucker, PT2GTI and others will be active as PX8R from Ilha de Guaras (SA-060) on 26-28 July. They will operate SSB, CW and FT8 on 80, 40, 20, 15 and 10m, and will participate in the IOTA Contest. QSL via Club Log's OQRS, LoTW or direct to PT2GTI.

**PY** - PU5IKE will be running QRP from Remedios Island (SA-027) on 27-28 July. Outside the IOTA Contest he will operate FT8 on 80, 15 and 10 metres. QSL via home call. [TNX NG3K]

**PY0F** - Julio, PP2BT and Renner, PY7RP will be active again as PY0F from Fernando de Noronha (SA-003) on 22-28 July. They will operate CW, SSB and digital modes on 160-10 metres, and will participate in the IOTA Contest. QSL via LoTW, Club Log's OQRS, or direct to PY7RP. [TNX The Daily DX]

**SM** - Members of Norrköping Radioklubb (SK5BN) will be using special callsign SE190 on 21-27 July during this year's O-Ringen, the world's largest orienteering competition first held in 1965. QSL via the bureau.

**SP** - Special event callsign SN86LOT is active on 1-31 July to commemorate the 86th anniversary of the ill-fated flight of Lithuanian pilots Steponas Darius and Stasys Girenas. On 15 July 1933 they attempted a nonstop flight from New York City, United States to Kaunas, Lithuania in a small airplane named Lituania. After successfully crossing the Atlantic Ocean, they crashed on 17 July when they were only 650km short of their final destination. QSL via SP1PMY.



**SV** - The Thessaloniki Amateur Radio Group (SZ2T) will be active as SX94MIKIS on 20-29 July. The special callsign celebrates the 94th birthday of Mikis Theodorakis (born 29 July 1925), the most famous Greek musician of contemporary times. See

<https://www.qrz.com/db/SX94MIKIS> for more information.

**SV9** - Thomas, SV2CLJ will be active as SV9/SV2CLJ from Crete (EU-015) on 23-31 July. He will operate CW, SSB and FT8 on 80-6 metres. QSL direct to home call. [TNX NG3K]

**UA** - RU3SD, RA1ZZ and UA1ZZ will be active as either RK3SWB/1 and - in the IOTA Contest - RA1ZZ/p from several islands and lighthouses in Vyborg Bay between 20 and 31 July. They will operate SSB and CW on 80-10 metres. Only the following islands will count for IOTA group EU-117: Ravitsa (22 July), Zapadny Berezovy (23-24 July), Severny Berezovy (24-25 July), Vikhrevoy

(26-28 July) and Lisy (28-29 July). Information on the Russian Robinson Award (RRA, for working stations operating from Russian islands) and the Russian Lighthouse Award (RLHA) can be found at <http://robinsons.ru/index/0-6>.



**UA** - R3GM, RA1QQ, RT9T and RX3QAK will be active from Malyy Island (EU-162) on 26-30 July, including participation in the IOTA Contest as RT5G/1. QSL via RA1QQ. [TNX NG3K]



**UA9** - Look for Victor, RW0IM/p and Yuri, R0MZ/p (ex RW0IW) to be active from Nedorazumeniya Island (AS-059) for three days starting on 26 July, IOTA Contest included. A reconnaissance trip/brief operation occurred for a few hours on 21 July. QSL via home calls. [TNX qrz.ru]



**V4** - Once again John, W5JON will be active as V47JA from St. Kitts (NA-104) from 20 July to 11 August. He will operate SSB and FT8 on 160-6m, with an emphasis on 6m FT8. QSL via W5JON (direct only) and

LoTW. [TNX NG3K]

**VE** - Mike, VE7ACN has had to cancel his IOTA trip [425DXN 1467] owing to medical reasons. He had planned to operate from NA-176, NA-125, NA-068 and NA-077 between 25 July and 31 August. He will take part in the IOTA Contest (27-28 July), though, as VE7ACN/7 from Bowen Island (NA-091). QSL via Club Log's OQRS, or via home call (direct or bureau).

**VK** - VI3MOON will be active on all bands and modes on 16-24 July, i.e. the duration of the Apollo 11 mission 50 years ago. QSL via the bureau, or direct to the Mornington Peninsula Astronomical Society (see VI3MOON's page on qrz.com).

**VK** - Steve, VK3TTT will spend "a few nights" on Magnetic Island (OC-171) around 7 August. He hopes to be QRV as VK3TTT/4 and to operate mainly FT8, with some SSB and maybe some slow CW, on 40 and 20 metres with 100 watts and a focus on Europe and the US East Coast. The log will be uploaded to Club Log and LoTW. [TNX VK3TTT]

**VK9L** - Rick, AI5P will be active holiday style as VK9APX from Lord Howe Island (OC-004) from 31 July to 10 August. He will operate CW and FT8 on 40-17 metres. QSL via QSL to AI5P. [TNX The Daily DX]

**VP9** - Look for KU9C/VP9 (QSL via KU9C) and KL7SB/VP9 (QSL via N4GNN) to be active from Bermuda (NA-005) on 7-15 July. They will participate in the IARU HF World Championship as VP9HQ (RSB Headquarters station, QSL via KU9C and LoTW). [TNX OPDX Bulletin]

**VP9** - Josh, W9HT will be active as W9HT/VP9 from Bermuda (NA-005) on 1-6 August. He will be QRV on the HF bands and 6 metres. QSL direct to home call.

**W** - Using the John F. Kennedy Space Center Amateur Radio Society's original callsign, special event station WB4ICJ will be active on 14-20 July to commemorate the 50th anniversary of the first manned lunar landing (<http://www.wb4icj.com/>). Activity will be centered on 80, 40 and 20 metres SSB and FT8.

**W** - Steve, NY3A will be active as NY3A/3 from Smith Island (NA-140) starting on 26 July through the end of the IOTA Contest. QSL via home call. [TNX NG3K]

**W** - Brian, K4BRI will be active as K4BRI/p from Bald Head Island (NA-112) on 30-31 July. He will be QRV mainly on 20 metres SSB and CW. [TNX DX World]

**W** - The Old Barney Amateur Radio Club will be active as W2T from the Tucker's Island Lighthouse in the Tucker-

ton Seaport (mainland New Jersey) on 3 August, from about 13 UTC to 21 UTC. They will operate SSB and some CW and FT8 on 40 and 20m. QSL VIA N200. [TNX N200]

**YJ** - Chris, VK2YUS will be active again as YJ0CA from Efate (OC-035), Vanuatu on 24-31 July, IOTA Contest included. He will be mostly on 40, 20 and 15 metres. QSL direct to VK2YUS. [TNX The Daily DX]



**ZS** - The ZS9V team (ZS1AN, ZS1ANF, ZS1OIN, ZS1V, ZS1VDV and DL5EBE) will be active again from Robben Island (AF-064) between around

15.30 UTC on 15 August until around 05.00 UTC on 20 August. They will operate CW, SSB and FT8 on 160-10 metres with three stations. QSL via M00XO's OQRS (preferred); traditional requests go to M00XO direct only. See <http://zs9v.org.za/> for more information and updates. [TNX M00XO]

**IOTA TOUR** • Waldis, SP7IDX will be active as OZ/SP7IDX from Bornholm Island (EU-030), OZ/SP7IDX from Falster Island (EU-029) and SP7IDX/1 from Wolin Island (EU-132) between 1 and 12 August. He will operate SSB and FT8 on 40-10 metres. QSL via LoTW or direct, log search on Club Log. [TNX DX World]

## IARU HF WORLD CHAMPIONSHIP

The object of the contest is to contact other amateurs around the world - especially member-society HQ stations and IARU officials - in as many ITU zones as possible on 160, 80, 40, 20, 15 and 10 metres CW and SSB. This year's event ([www.arrrl.org/iaru-hf-championship](http://www.arrrl.org/iaru-hf-championship)) will run from 12 UTC on 13 July until 12 UTC on the 14th. The following is a selection of IARU Member Society HQ stations that are expected to participate:

| Call  | Mult  |
|-------|-------|
| 8N1HQ | JARL  |
| 8N2HQ | JARL  |
| 8N3HQ | JARL  |
| 8N6HQ | JARL  |
| 8N8HQ | JARL  |
| 9A0HQ | HRS   |
| A47HQ | ROARS |
| AT1HQ | ARSI  |
| B1HQ  | CRAC  |
| B2HQ  | CRAC  |
| B3HQ  | CRAC  |
| B4HQ  | CRAC  |
| B6HQ  | CRAC  |
| B7HQ  | CRAC  |
| BV0HQ | CTARL |
| CB1HQ | RCCH  |
| CR5HQ | REP   |
| DA0HQ | DARC  |
| DX0HQ | PARA  |
| E2HQ  | RAST  |
| EF4HQ | URE   |
| EI0HQ | IRTS  |
| EM5HQ | UARL  |
| ER7HQ | ARM   |
| GR2HQ | RSGB  |
| HB9HQ | USKA  |
| HL0HQ | KARL  |
| IO1HQ | ARI   |
| IO2HQ | ARI   |
| IO5HQ | ARI   |
| IO6HQ | ARI   |
| IO8HQ | ARI   |
| IO9HQ | ARI   |

| Call   | Mult   |
|--------|--------|
| LN2HQ  | NRRL   |
| LU0HQ  | RCA    |
| LX8HQ  | RL     |
| LY0HQ  | LRMD   |
| LZ0HQ  | BFRA   |
| NU1AW  | IARU   |
| OE0HQ  | QVSV   |
| OH2HQ  | SRAL   |
| OL9HQ  | CRC    |
| OP0HQ  | UBA    |
| OZ1HQ  | EDR    |
| PA6HQ  | VERON  |
| PJ2HQ  | VERONA |
| R9HQ   | SRR    |
| S50HQ  | ZRS    |
| SE9HQ  | SSA    |
| SN0HQ  | PZK    |
| T40HQ  | FRC    |
| TC3HQ  | TRAC   |
| TM0HQ  | REF    |
| UN1HQ  | KFRR   |
| V31HQ  | BARC   |
| VP9HQ  | RSB    |
| W1AW/7 | ARRL   |
| YL4HQ  | LRAL   |
| YR0HQ  | FRR    |
| YT0HQ  | SRS    |
| Z30HQ  | RSM    |
| Z60A   | SHRAK  |
| ZF1A   | CARS   |
| ZL6HQ  | NZART  |
| ZS9HQ  | SARL   |

Members of the IARU Administrative Council and the three IARU regional executive committees will send a signal report plus AC, R1, R2 or R3, as appropriate.

## RSGB IOTA CONTEST

The following stations have announced their participation in this year's event (from 12 UTC on 27 July through 12 UTC on the 28th) from qualifying islands. For latest additions please give a look at the announced operation list maintained by Bill, NG3K: <https://www.ng3k.com/Misc/iota2019.html>.

Complete details on the IOTA Contest can be found on the RSGB Contest Committee's website at <https://www.rsqbcc.org/hf/rules/2019/riota.shtml>. Please note a new rule for 2019: "to shorten the exchange, for 2019 the sending of RS(T) will be optional. i.e. you do not have to send a report as part of your exchange". This means that

- World Stations send RS(T) [optional] + serial number starting from 1, for example: 599 254 [or 254]
- Island Stations send RS(T) [optional] + serial number starting from 1 + their IOTA Reference, for example: 59 378 EU115 [or 378 EU115]
- If you are not sent a report, log 59 (SSB) or 599 (CW)
- If you are not sent a serial number, log a zero

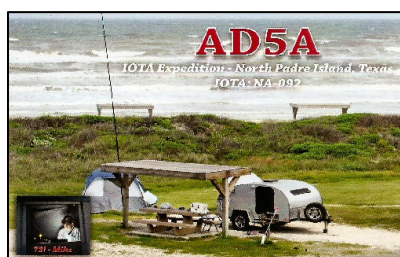
| Ref. No. | Callsign   | Island         | QSL      |
|----------|------------|----------------|----------|
| AF-016   | FR4QT      | Reunion        | FR4QT    |
| AF-018   | IH9YMC     | Pantelleria    | eQSL     |
| AF-104   | 7V9A       | Sridjina       | qrz.com  |
| AS-008   | J13DST/1   | Shikine        | Club Log |
| AS-040   | JA6WJL     | Fukue          | JA6WJL   |
| AS-059   | R0MZ/p     | Nedorazumeniya | R0MZ     |
| AS-059   | RW0IM/p    | Nedorazumeniya | RW0IM    |
| AS-066   | R66IOTA    | Popov          | UA0LCZ   |
| AS-113   | BO0M       | Matsu          | BV2KI    |
| AS-136   | BG4TRN     | Chongming      | BG4TRN   |
| AS-150   | BI4IX      | Zhucha         | BH4LLP   |
| EU-002   | OH0R       | Aland          | OH2PM    |
| EU-002   | OH0V       | Aland          | OH0V     |
| EU-004   | EA6VQ      | Mallorca       | Club Log |
| EU-005   | G4F        | Great Britain  | G4AFJ    |
| EU-008   | GM2T       | Tiree          | GM4UYZ   |
| EU-008   | GM7WCO/p   | Skye           | GM7WCO   |
| EU-008   | GS6NX      | Gigha          |          |
| EU-010   | GM7V       | Benbecula      | N3SL     |
| EU-011   | M8C        | Scilly         | Club Log |
| EU-013   | MJ0ICD     | Jersey         | OK1DOL   |
| EU-015   | SV9/SV2CLJ | Crete          | SV2CLJ   |
| EU-016   | 9A2L/p     | Susac          | 9A3DF    |
| EU-016   | 9A3VIS     | Vis            | 9A3VIS   |
| EU-020   | SD1A       | Gotland        | SM1TDE   |
| EU-021   | TF/DL6MHW  | Iceland        | DL6MHW   |
| EU-023   | 9H6YB      | Malta          | G3SWH    |
| EU-024   | IS0/F8BDQ  | Sardinia       | F8BDQ    |
| EU-024   | IS0/IK1TTD | Sardinia       | IK1TTD   |
| EU-024   | IS0/OM2TW  | Sardinia       | OM2FY    |
| EU-024   | IS0/UX1UF  | Sardinia       | UX1UF    |
| EU-025   | IT9RZU     | Sicily         | Club Log |
| EU-026   | JW/ON7SA   | Svalbard       | ON6FDP   |
| EU-028   | IA5/OM2FY  | Elba           | OM2FY    |
| EU-028   | IA5/OM2ZZ  | Elba           | OM2FY    |
| EU-029   | OZ/DL3DW   | Falster        | DL3DW    |
| EU-029   | OZ7A       | Sjaelland      | LoTW     |
| EU-029   | OZ8SW      | Sjaelland      | OZ8SW    |
| EU-030   | OZ4FF      | Bornholm       | OZ4FF    |
| EU-031   | IC8SQS     | Ischia         | IC8SQS   |
| EU-034   | ES0DJ/0    | Muhu           | ES2DJ    |
| EU-034   | ES0IA      | Kassaaar       | ES0IA    |
| EU-038   | PA6TXL     | Texel          | PA2JJB   |
| EU-036   | LA1K/p     | Tustna         | LA1K     |
| EU-038   | PH38EU     | Texel          | PA2TMS   |
| EU-041   | IM0/IU4HRJ | Maddalena      | IU4HRJ   |
| EU-042   | DG5LAC/p   | Hooge          | DG5LAC   |

| Ref. No. | Callsign   | Island              | QSL      |
|----------|------------|---------------------|----------|
| EU-046   | LC5C       | Rolla               | LA6KOA   |
| EU-047   | DB1BAC/p   | Wangerooge          | DB1BAC   |
| EU-050   | IL7MP      | San Domino          | M00XO    |
| EU-052   | SV8/OM6NM  | Zakynthos           | OM2FY    |
| EU-053   | OJ0DX      | Market Reef         | DL3DXX   |
| EU-054   | IF9/IT9PPG | Favignana           | IT9PPG   |
| EU-055   | LB5WB      | Store Sotra         | LB5WB    |
| EU-055   | LM450C     | Utsira              | LA4C     |
| EU-056   | LA/OL7X    | Flemsoya            | OK1XC    |
| EU-057   | DK3R       | Ruegen              | DL1KZA   |
| EU-057   | DL/OO4O    | Ruegen              | ON4APU   |
| EU-068   | TM5S       | Sein                | F5MFV    |
| EU-075   | J48J       | Aegina              | SV1PMQ   |
| EU-075   | SV8GGI     | Salamina            | SV8GGI   |
| EU-080   | ED1K       | Ons                 | EA1NK    |
| EU-083   | IP1T       | Tino                | I1ANP    |
| EU-084   | SK0HS/0    | Blido               | SM0MPV   |
| EU-088   | 5P6G       | Laeso               | DD5ZZ    |
| EU-091   | II7P       | Pedagna Grande      | IK7LMX   |
| EU-095   | TM5F       | Ratonneau           |          |
| EU-096   | OH1TD      | Korpo               | OH1TD    |
| EU-096   | OH9W/1     | Berghamn            | OH5BQ    |
| EU-107   | TM7P       | Petite              | F4FET    |
| EU-116   | MD1K       | Isle of Man         | M1KTA    |
| EU-117   | RA1ZZ/p    | Vikhrevo            | RA1ZZ    |
| EU-120   | G4ALE/p    | Isle of Wight       | G3VYI    |
| EU-120   | M/ON6QR    | Wight               | ON6QR    |
| EU-121   | EJ3Z       | Inishbofin          | EI6GUB   |
| EU-121   | EJ6KP      | Arranmore           | Club Log |
| EU-122   | MN5A       | Rathlin             | G3TXF    |
| EU-123   | MM1E       | Great Cumbrae       | MM0GOR   |
| EU-123   | MM3T       | Bute                | GM0ELP   |
| EU-124   | MW0DHF/p   | Holy                | MW0DHF   |
| EU-124   | MW0TSL/p   | Caldey              |          |
| EU-125   | OZ7BQ/p    | Fano                | Club Log |
| EU-126   | OH9A       | Selkasarvi          | OH1NOA   |
| EU-127   | DJ6OI/p    | Neuwerk             | DJ6OI    |
| EU-129   | DK1A       | Usedom              | Club Log |
| EU-129   | DL5KVV/p   | Usedom              | DL5KVV   |
| EU-130   | II3Y       | S. Maria di Barbana | IV3OSC   |
| EU-130   | IV3UHL/p   | S. Andrea           | IV3UHL   |
| EU-131   | IL3/DF8DX  | Lido                | DF8DX    |
| EU-131   | IQ3ME/p    | Pellestrina         | LoTW     |
| EU-132   | SN0RX      | Wolin               | SP8BXL   |
| EU-132   | SP0DF      | Wolin               | SP1EG    |
| EU-132   | SP3A       | Wolin               | SP3A     |
| EU-132   | SQ6NEJ/1   | Wolin               | SQ6NEJ   |
| EU-136   | 9A4KJ      | Rab                 | 9A4KJ    |
| EU-136   | 9A8CV      | Krk                 |          |
| EU-140   | OG5A       | Nuokot              | OH5AD    |
| EU-140   | OH5TS      | Kuorsalo            | OH5TS    |
| EU-145   | CR5CW      | Culatra             | CT7ACG   |
| EU-146   | PA/ON4IBM  | Schouwen-Duiveland  | ON4IBM   |
| EU-146   | PA146EU    | Schouwen-Duiveland  | PB0P     |
| EU-146   | PA5TT      | Schouwen-Duiveland  | PA5TT    |
| EU-150   | CR5IC      | Insua               | CS5ARAM  |
| EU-162   | RT5G/1     | Malyy               | RA1QQ    |
| EU-170   | 9A/S55G/p  | Iz                  | S55G     |
| EU-172   | 5P2I/p     | Aro                 | OZ2I     |



| Ref. No. | Callsign      | Island              | QSL       |
|----------|---------------|---------------------|-----------|
| EU-172   | OZ/DL2JRM     | Hjarno              | DL2JRM    |
| EU-172   | OZ/DL5CW      | Hjarno              | DL5CW     |
| EU-172   | OZ9V/p        | Samso               | LoTW      |
| EU-174   | SV8/YO3FCA    | Thassos             | M0IPU     |
| EU-174   | SW8YA         | Thassos             | HA1YA     |
| EU-178   | ES8/YL1ZX     | Sorgu               | YL2TD     |
| EU-179   | UR1G          | Kalanchakskiye      | UR8GX     |
| EU-181   | LZ0I          | Sveti Ivan          | LZ1BJ     |
| EU-184   | OH8AA         | Roytta              | OH8JK     |
| EU-185   | RU6DX/p       | Sudzhuk             | RU6DX     |
| EU-192   | OJ9A          | Inakari             | OH2BH     |
| NA-029   | VY2TT         | Prince Edward       |           |
| NA-031   | W1WBB         | Aquidneck           | W1WBB     |
| NA-036   | VE7JH         | Vancouver           | VE7JH     |
| NA-038   | VX2A11        | Grosse              | VE2STN    |
| NA-055   | W2IY          | Mt. Desert          | W2IY      |
| NA-058   | N4XU          | St Simons           | N4XU      |
| NA-065   | N3QQ/p        | Whidbey             |           |
| NA-065   | NW7M/p        | Whidbey             |           |
| NA-067   | W4/SM6WET/p   | Hatteras            | SM6WET    |
| NA-067   | W4MY          | Roanoke             | W4MY      |
| NA-091   | VE7ACN/7      | Bowen               | VE7ACN    |
| NA-083   | N3MK          | Chincoteague        | N3MK      |
| NA-110   | AA4V          | Palms               | AA4V      |
| NA-106   | NP2X          | St. Croix           | KU9C      |
| NA-110   | WA2BCK        | Hilton Head         | WA2BCK    |
| NA-126   | VB1D          | Bon Portage         | VA1YL     |
| NA-137   | K1IMI         | Bailey              | N4CW      |
| NA-139   | W3FOX/m       | Assateague          | W3FOX     |
| NA-140   | NY3A/3        | Smith               | NY3A      |
| NA-143   | K5KUA         | Galveston           | K5KUA     |
| OC-013   | E51USA        | Rarotonga           | qrz.com   |
| OC-035   | YJ0CA         | Efate               | VK2YUS    |
| OC-035   | YJ0GA         | Efate               | ZL3GA     |
| OC-042   | DX1ARC        | Luzon               |           |
| OC-114   | TX2A          | Raivavae            | LoTW/W6NV |
| OC-130   | DX9EVM        | Mindanao            | DU9CA     |
| OC-142   | VK4NM/p       | Fraser              | M0OXO     |
| OC-156   | 3D2DOM        | Yasawa Isls         |           |
| OC-165   | 9M8RC         | Satang Besar        | 9W8KIF    |
| SA-003   | PY0F          | Fernando de Noronha | PY7RP     |
| SA-029   | ZZ1R          | Ratos               | PY2AE     |
| SA-060   | PX8R          | Guaras              | PT2GTI    |
| SA-082   | 5K2M or HK1NA | Morro Grande        |           |

The IOTA SWL Contest has been picked up by the Radioascolto SWL Club, and it will run in parallel with the IOTA Contest. Complete details can be found at <http://www.radioascolto.org/swl/> or from the IOTA SWL Contest Manager (iw1qla[.]tin.it). Good luck to you all!



# GOOD TO KNOW

Access to the main functions of [www.425dxn.org](http://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 June 2019 issue is now available for download at <http://www.425dxn.org/index.php>. [TNX IZ3EBA]



**5C9A** • The 26-30 July DXpedition to Los Farallones (AF-118, new one for IOTA) [425DXN 1449] has been cancelled. On 25 July, thirty minutes before boarding the plane, the team got word that the expedition was not going ahead (even though they had all permissions in place) owing to "a security and administrative problem". The project "is postponed for 9 months", the Team Leader (CN8QY) says. See <https://5c9a.com/news/> for more information.



**HAM RADIO 2019 LECTURES** • The keynote lecture delivered at Ham Radio 2019 (Friedrichshafen) by Joe Taylor, K1JT ("WSJT-X FT8 and Beyond") is now available on DokuFunk (the Documentary Archive for the History of Radio Communication and Electronic Media): go to <http://www.dokufunk.org/> and click on Horsaal/Lecture room. Also available are reports from the KH1/KH7Z (Baker Island) and T31EU (Central Kiribati) DXpeditions.

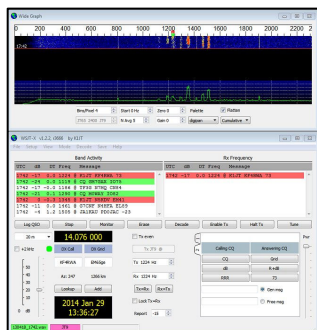
**QSL GALLERY** • The large collection of QSL cards on Les Nouvelles DX's website has been updated. Sixteen different galleries include 17,119 cards for the ten Most Wanted DXCC Entities (2009-18), the 62 deleted DXCC Entities, obsolete prefixes, stations from Maghreb from 1945 to 1962, Allied Forces stations in Germany (1945-70), special stations commemorating ITU and IARU, stations using the United Nations prefix (4U), Antarctic bases and TAAF (Terres Australes and Antarctiques Françaises), the various French DXCC island Entities in the Pacific Ocean, the Indian Ocean and the Americas (from 1945 to 1969), pre-1945 countries, French Departments and CONUS, plus a gallery for cards not accepted by DXCC. Your participation is encouraged: <http://www.lesnouvellesdx.fr/galerieqsl.php>. [TNX F6AJA].

**QSL OJOC** • The QSL route for the July 2019 OJOC operation from Market Reef is via OH3WS, bureau or direct to Pasi Bergman, Tuulipolku 4, FI-13500 Hameenlinna, Finland. [TNX The Daily DX]

**T2AR** • Tony, 3D2AG has uploaded the T2AR FT8 log to Club Log, and the QRS has been enabled. Currently there are 4,795 QSOs logged between 10.39 UTC on 25 June and 12.52 UTC on 5 July. Owing to a software bug, he lost a number of FT8 17m QSOs made on 5 July between 06.30 and 08.00 UTC: "if you wish to QSL for such a contact, please send the QSO details along with a screenshot of your own log, if possible". Also, please note that Club Log is ONLY for FT8 QSOs, as contacts made on other modes were logged on paper and QSL requests should be sent to 3D2AG through PayPal. QSLs will start to be sent out on 15 July. See <https://www.qrz.com/db/t2ar> for more information.

**T33T** • "Dom arrived safely in Japan today", the Rebel DX Group reported on 2 July (<https://www.rebeldxgroup.com/>). "He has several meetings scheduled over the next few days/week. Once back in Fiji and after a little more boat 'work', then the Rebels will be off for Bana-ba and T33T".

**USA-CA AWARD** • Effective 1 June, Brian Bird (NX0X) is the new Custodian for CQ magazine's United States of America Counties Award (USA-CA). He has succeeded Ted Melinosky (K1BV), who served as USA-CA Custodian and CQ Awards Editor for 21 years. Any correspondence relating to the CQ USA-CA programme should be directed to Brian Bird, 4567 Caribou Lake Road, Duluth MN 55811-9607, USA; or via e-mail to [nx0x\[aol\].com](mailto:nx0x[aol].com). A few updates in the USA-CA Award rules have taken effect at the same time - details can be found at [https://www.cq-amateur-radio.com/cq\\_awards/index\\_cq\\_awards.html](https://www.cq-amateur-radio.com/cq_awards/index_cq_awards.html).



**VP8/VP8DXU** • Hans-Peter Blaettler, HB9BXE has joined the 2020 DXpedition to the South Orkney Islands (<https://sorkney.com/>). An experienced DX and contest operator, he primarily operates CW. The VP8/VP8DXU radio team now includes 14 operators: DJ9RR, HA0NAR, HB9BXE, K3EL, K5GS, N6XG, N7QT, NG2H, UT6UD, W1SRD, W2LK, W7XU, WA6O and WD5COV.

**WSJT-X 2.1.0** • On 15 July Joe, K1JT and the WSJT Development Group announced the general availability (GA) release of WSJT-X Version 2.1.0. It is a major upgrade that introduces FT4, a new protocol for HF contesting. Improvements have also been made in other areas, as well as many minor enhancements and bug fixes. Upgrading from earlier versions of WSJT-X should be seamless. 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 <http://physics.princeton.edu/pulsar/k1jt/wsjsx.html>.

**WW DIGI DX CONTEST** • The World Wide Radio Operators Foundation (WWROF), in collaboration with the Slovenia Contest Club (SCC), announces that first annual World Wide Digi DX Contest ("WW Digi") will occur over 24 hours on 31 August-1 September (from 12:00:00 UTC to 11:59:59 UTC). The objective is for amateurs around the world to contact as many other amateurs in as many Maidenhead grid squares as possible using the FT4 and FT8 modes on 160, 80, 40, 20, 15 and 10 metres. See <https://ww-digi.com/> for complete information.



**ZK3A** • Planning is on schedule for the ZK3A DXpedition to Tokelau (OC-048) [425DXN 1467], the team reported on 9 July. Current team members are K6VHF, KO8SCA, N7QT, PY2NDX, R7KW, RW7K, RX3APM, SV2BFN, UR0MC (Co- Leader), UR9QQ, US0KW, UT5UY (Co-Leader), UT8IO, UX0LL, VE7NY, VK3FY, VK3GK, WD5COV, YT1AD (Team Leader) and ZL3WW. According to the latest Club Log's DXCC Most Wanted List, Tokelau ranks #40 in the world, and #26 in Europe. The DXpedition will run on 1-11 October, and "we are excited to have an advanced set-up team who will build a 160m four square from an existing 40m high tower. Fund raising continues as we are currently seeking donations from DX Clubs and Foundations. More donor logos and names are being added to our website <https://tokelau2019.com>. Individual DXer support is also very important. Individual donors of \$25 or more will receive free OQRS and LOTW upload upon DXpedition completion. All donations are welcome and we appreciate the support we are receiving from the DX community".

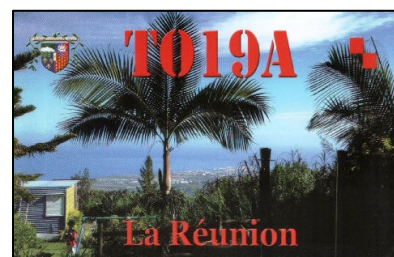
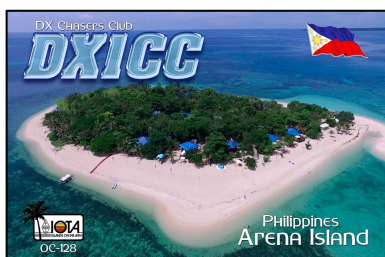
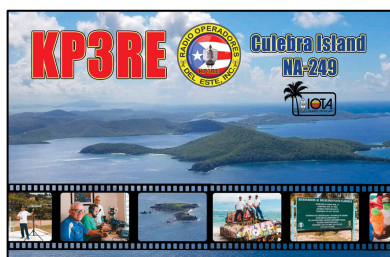


**+ SILENT KEYS + Ananth G. Pai, VU2PAI** died on 14 July of a heart attack. Born in 1973 and active on the HF bands since 1995, he was a successful businessman, a philanthropist and an avid DXer and contester. He participated in a number of DXpeditions, including VU7LD (Lakshadweep Islands 2006), VU4PB (Andaman Islands 2011), 8Q7KP (Maldives 2013), VU7AG (Lakshadweep Islands 2013) and VU4CB (Nicobar Islands 2014), as well as expeditions to IOTA groups AS-096 (St. Mary Isles 2001), AS-161 (Sacrifice Rock 2002) and AS-169 (AT0AI, Arnala Island 2006). In the past he also served in the Governing Committee of the Amateur Radio Society of India (ARSI), India's IARU member society.

**Taufan "Fan" Prioutomo, YB0AI** passed away on 20 July. An active DXer and contester, he operated from several IOTA groups, including OC-177 (7A0K 1999), OC-295 (YB0AI/7 2013), OC-273 (YB0AI/8 2014), OC-275 (YB0AI/9 2013), OC-242 (YE8A 2003). He was also the incumbent Secretary



of the YB Land DX Club.



## QSL ROUTES

From 425 DX News # 1470

From 425 DX News # 1472

| CALL      | MANAGER | CALL     | MANAGER | CALL    | MANAGER |
|-----------|---------|----------|---------|---------|---------|
| 3B8CW     | N4GMR   | EU19RO   | EW1I    | PX50Y   | PT2OP   |
| 407AA     | YU1CA   | EV0CA    | EV1R    | R2019CG | RV9WB   |
| 407CC     | UA4CC   | EV19ATH  | EV1R    | R39PGD  | RA1WU   |
| 407DST    | HB9DST  | EV19BAD  | EV1R    | R3ARS/4 | RA3AKF  |
| 407TC     | UA3TCJ  | EV19BAS  | EV1R    | R53ICGC | RV9WB   |
| 5B19CWC   | 5B4AJT  | EV19BOX  | EV1R    | R53ICGF | R9WG    |
| 5C1M      | RW6HS   | EV19BSO  | EV1R    | R53ICGJ | RV9WB   |
| 5P19CWC   | OZ1ACB  | EV19FRS  | EV1R    | R53ICGS | R9WEI   |
| 5R8UI     | I28CCW  | EV19JUD  | EW1W    | R53ICGV | RX9WT   |
| 5Z4FV     | N3ZS    | EV19KAR  | EV1R    | R53ICGW | RZ9WU   |
| 6M6M      | HL1IWD  | EV19SHO  | EV1R    | R550Y   | UA4YE   |
| 6Y3Y      | JJ2RCJ  | EV19TEN  | EV1R    | RI0BC   | RW1AI   |
| 7R7W      | 7X2VB   | GB13COL  | GOVLF   | RI1OM   | RN1ON   |
| 9A01GPPVC | 9A5WW   | GB2AFD   | MLCCF   | RZ1CWC  | RW6HS   |
| 9A440KA   | 9A1CVW  | GB5EHL   | G4SJX   | S92HP   | CT1ENW  |
| 9A8NXC    | IK3GES  | HF40STOK | SP4LVK  | SF2CW   | SM3DMP  |



| CALL      | MANAGER | CALL      | MANAGER | CALL      | MANAGER |
|-----------|---------|-----------|---------|-----------|---------|
| 9H3KZ     | G2BKZ   | HF75AK    | SP8MMW  | SN86LOT   | SP1PMY  |
| 9K2HQ     | EC6DX   | HF75MG    | SP9VFR  | SP4WOJTEK | SQ4AVD  |
| A65DR     | N4GNR   | HH2JR     | W3HNC   | T2AR      | 3D2AG   |
| AN50LGBT  | EB3GCP  | HK3JCL    | DK8LRF  | TK/IQ5JA  | IU5JHK  |
| AO50MOON  | EA1RCI  | HL18FINA  | HL4CCM  | TM23ORF   | F4DTO   |
| AP2NK     | W3HNC   | HP1XT     | KU9C    | TM4IPA    | ON6ZV   |
| CB2E      | CE2LS   | HZ1SK     | IZ8CLM  | TM500LDV  | F4GPB   |
| CS2019CWC | CT7ACG  | II0GDF    | 9A8AOT  | TM57FFC   | F-11734 |
| DF0RSA    | DL3DUE  | II0ROSA   | 9A5URI  | TM5LHP    | F1LNS   |
| DL0SOP    | DL4SVA  | II1IVR    | IQ1IV   | TM75RG    | F5KLJ   |
| DL50NFA   | DL8NBM  | II4MJR    | IQ4FE   | TM8FF     | F8DZU   |
| DQ600UNI  | DL5KVV  | IY1DCI    | IK1GPG  | TT8FC     | EA3GWK  |
| DR100BADZ | DK8HE   | JT1QP     | DJ8QP   | V73NS     | W3HNC   |
| DUI1ST    | JA1HGY  | LG80T     | LA2T    | VK19AUS   | VK2IR   |
| E750RKK   | E71CQ   | LX0RL     | LX1KQ   | VP2ETE    | W3HNC   |
| EA6/EI6DX | RA3R    | LY10WCA   | LY3IV   | VX4WARC   | VE4BB   |
| EF0F      | EA4URE  | LZ10WCA   | LZ1YE   | WP3C      | W3HNC   |
| EF8L      | EA8URU  | LZ1809PNS | LZ1KCP  | XW4XR     | E21EIC  |
| EF9Z      | EA5KB   | LZ815NI   | LZ1KCP  | XZ2B      | JH3SIF  |
| EG3HKD    | EA3MM   | OD5TX     | W4JS    | YP0H      | VE7NY   |
| EG5HSJ    | EA5RKB  | OE88YL    | OE3YSC  | YR6MUSEUM | YO6KNE  |
| EG7FAM    | EA7RCM  | OH0Z      | W0MM    | YR90AR    | YO2KBQ  |
| EG7FCJ    | EA7FC   | OR50BFS   | ON2KFJ  | YT10WCA   | YT2KID  |
| EI100ABC  | EI2II   | PB100IAU  | PA9RZ   | YV7MAY    | EA8MU   |
| EI100YXQ  | EI9FVB  | PC100IAU  | PB7TT   | Z81D      | OM3JW   |
| EK8ZZ     | EK7DX   | PD10WCA   | PD0RWL  | ZF2CJ     | JJ2RCJ  |
| EN60KSR   | UT1KY   | PJ4DX     | M0URX   | ZP5DA     | EB7DX   |

| CALL     | MANAGER | CALL     | MANAGER | CALL       | MANAGER |
|----------|---------|----------|---------|------------|---------|
| 1A0C     | EA5RM   | EF8R     | EB7DX   | OL7T       | OK2BXU  |
| 3G3G     | EA5GL   | EI0HQ    | EI4BZ   | OL8K       | OK1GTH  |
| 3V8SS    | LX1NO   | EI7T     | PA3249  | OL9HQ      | OK1MP   |
| 4L5P     | UT7QF   | EI8QGB   | PA3249  | OP0HQ      | ON4CAS  |
| 4L6QL    | RW6HS   | EL2EF    | N200    | OR50AF     | ON2KFJ  |
| 4L8A     | K1BV    | EO65QRC  | UR4QZZ  | OR50BAF    | ON2KFJ  |
| 4M6R     | EA5GL   | ER7HQ    | ER1FF   | OZ1HQ      | OZ1ACB  |
| 4O/E77DX | E77E    | ES5RR    | ES2RR   | OZ4SOP     | OZ4CG   |
| 4U1A     | UA3DX   | GB0WF    | M0OXO   | P40XX      | AA7V    |
| 4Y1A     | UA3DX   | GB139SQN | G4NRZ   | P44W       | N2MM    |
| 4Z7Z     | 4X1DX   | GB2ENI   | G0UNU   | PA11APOLLO | PA1UN   |
| 5B4ALX   | IZ4AMS  | GR2HQ    | M0OXO   | PA6HQ      | PA3CAL  |
| 5H1XY    | DF3XY   | H44LL    | EA7FTR  | PJ2DD      | PF4T    |
| 5W1SA    | JA1DXA  | HB9HQ    | HB9OCR  | PJ2HQ      | W3HNC   |
| 6E2TAM   | XE2BVM  | HB9SPACE | HB9ACA  | PJ2Y       | AB8YK   |
| 6W1SU    | M0URX   | HC0T     | RC5A    | PT5J       | PP5JR   |
| 7S5A     | SM4DDS  | HC1DAZ   | W7HU    | PX2A       | PY2VM   |
| 7S7SOP   | SM7RYR  | HC5DBT   | M0URX   | PZ5CO      | UA2FM   |
| 7X5NZ    | EA7FTR  | HF0TP    | SP8PZI  | S50HQ      | S54G    |
| 8P2K     | KU9C    | HF1CHO   | SP1KZE  | S549APR    | S51A    |
| 8P5A     | HA1AG   | HG0R     | HA0NAR  | SF40RO     | SK5RO   |
| 9A0HQ    | 9A3JB   | HG0Y     | HA7GN   | SF50CG     | SM0BYD  |
| 9H3IK    | IK0PUL  | HG7T     | HA7TM   | SJ7SOP     | SM7VRZ  |
| 9M6NA    | JE1JKL  | HP2DX    | HP2BWJ  | SN0FF      | SP2QCR  |
| 9M8YY    | JR3WXA  | HP3SS    | AC2OV   | SN0HQ      | SP7DQR  |
| AT1HQ    | VU2PTT  | IB9A     | IZ2WFL  | SN10WFF    | SP5C    |
| B1HQ     | BA4EG   | IO9A     | IT9YVO  | SN8K       | SQ8ERS  |
| B2HQ     | BA4EG   | IR1G     | IZ1LBG  | SO4M       | SP4MPG  |

| CALL    | MANAGER    | CALL      | MANAGER | CALL       | MANAGER |
|---------|------------|-----------|---------|------------|---------|
| B3HQ    | BA4EG      | IR4M      | I4IFL   | SV8/IK1TNU | 9A8MDC  |
| B4HQ    | BA4EG      | IR4X      | I4EAT   | TG9ANF     | VE7BV   |
| B6HQ    | BA4EG      | J73WA     | ND3R    | TI7W       | W4FS    |
| B7HQ    | BA4EG      | KL7SB/VP9 | N4GNR   | TM07A      | F8DHE   |
| BGOCOH  | BH4ESB     | KP2M      | NZ4DX   | TM0HQ      | F5CWU   |
| BV0HQ   | BM2JCC     | LU0HQ     | LU4AA   | TM1MOON    | F4EUG   |
| C6ADX   | W8GEX      | LX7I      | LX2A    | TM5A       | F5VHJ   |
| CM2XN   | EB7DX      | LZ0HQ     | LZ1BJ   | TM5TFV     | F8KGS   |
| CO8LY   | EA7ADH     | MD/WJ2O   | N2ZN    | TM62TLG    | F4AHN   |
| CO8RBD  | RW6HS      | MD2C      | MD0CCE  | UE90PR     | RK1O    |
| CR5HQ   | CT1REP     | NL8F      | N7RO    | UP0L       | DL8KAC  |
| CR6K    | CT1ILT     | NP4Z      | N4AO    | VP2V/K6TOP | EA5GL   |
| CS2Y    | CT1EHX     | OD5PY     | KU9C    | VP2VGG     | EA5GL   |
| CT9ABO  | OM3GI      | OD5QB     | YO3FRI  | VP9HQ      | KU9C    |
| CV7S    | CX7SS      | OD5SK     | IZ8CLM  | WH7M       | K1YR    |
| CX4DI   | EA5GL      | OD5TE     | K3IRV   | XN1M       | VO1IDX  |
| CX7CO   | EA5GL      | OD5VB     | EA5GL   | XV9BO      | DL7BO   |
| CX9AU   | EA5GL      | OD5YA     | IZ8CLM  | YN2RP      | NN3RP   |
| D4Z     | HB9DUR [d] | OD5ZF     | IZ8CLM  | YT0HQ      | YU1SR   |
| D4Z     | IK2NCJ [b] | OD5ZZ     | N4GNR   | YU73BFG    | YU8A    |
| D73F    | HL4CCM     | OE0HQ     | OE3KAB  | Z60A       | OH2BH   |
| DM460DA | DL9GFB     | OH0C      | E21EIC  | Z68HZ      | TA1HZ   |
| DX0HQ   | DX1PAR     | OH0TA     | OH2TA   | ZF1A       | K6AM    |
| DX9EVM  | DU9CA      | OJ0A      | E21EIC  | ZF1EJ      | K6AM    |
| E2HQ    | E21EIC     | OJ0B      | OH2BH   | ZF2GO      | K6GO    |
| E44WE   | SP9FIH     | OJ0C      | OH3WS   | ZF2NA      | NA6MB   |
| E7DX    | E77E       | OJ0JR     | OH3JR   | ZM1A       | ZL3CW   |
| E7TESLA | E77E       | OJ0W      | OH3WS   | ZR2A/4     | DM5EE   |
| EF4HQ   | EA4URE     | OJ0Z      | DJ9ZB   | ZW5B       | K3IRV   |



#### QSLs received direct or through managers:

3D2AG, 3D2AS, 4E8T (OC-174), 4S7AB, 5A1AL, 5T5PA, 7S5A (EU-177), 9G5GS, 9LY1JM (AF-037), 9M2TDX, A92HK, AP2NK, AP2TJ, CE2LR, CT9/DL5AXX, DU1UD/8 (OC-105), DX1CC (OC-128), E31A, E6AF, EF4HQ, EF8R, EK6GC, FK4QX, FR4NT, FW5JG, GB13COL, GU8FBO, HP1WW, JS6TWW (AS-047), K7Y (NA-250), KH8/OZ0J, KT7WW/KL7, LY15EU, OG0C, P29NI (OC-099 & OC-205), P29VCX (OC-025), P33W, PJ2HQ,



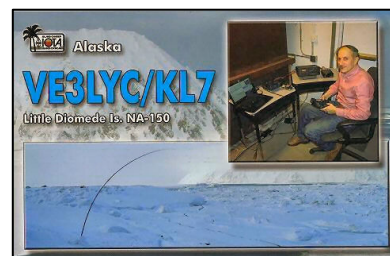
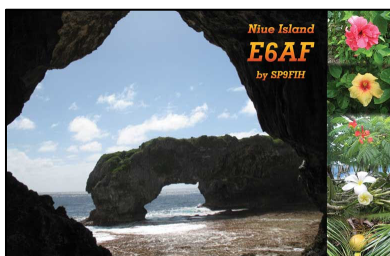
PJ2T, PJ2Y, PZ5RA, R5AJ, S79AA, S9A, SA6G/7 (EU-137), SV1GSP/8 (EU-075), SV2ASP/A, T88RH, TO19A (AF-016), UK9AA, V31DL, V6K (OC-059), V84SAA, VE3LYC/KL7 (NA-150), VI9NI, VK4/JA8COE (OC-138), VK4COF (OC-142), VK5MAV/6 (OC-183 and OC-211), VP8EME, VP9GE, VY2HH (NA-029), W7ACN/5, XZ2B, YB7MRK, YB9JAU, YE4/DL3KZA (OC-144), YJ0AFU, YJ0CA, YJ0GC, Z23MD, Z66Z, Z81D, ZV5O.

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**4W/JH2EUV**  
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**ED9E**  
**EI7M**  
**HB2U**  
**HG6N**  
**HG7DANUBE**  
**HH2AA**  
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**ZX40ZT** Carlos Moreira, Rua Pamela Loren 59, Mangabeira, Eusebio - CE, 61760-000, Brazil



|                                                                                                                                           |                                                                                                                                                                    |                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
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