# 425MAGAZINE

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## November 2013

## The Italian Bulletin for Serious DXers (weekly issues #1174-1175-1176-1177-1178)





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Edited by I1JQJ and IK1ADH <u>425dxn@alice.it</u>









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





## **DX INFORMATION**

**3A** - Special callsign 3A60ARM will be in use on 1-31 December to celebrate the 60th anniversary of the Association des Radioamateurs de Monaco (ARM). QSL via bureau only. [TNX Les Nouvelles DX]

**3B8** - Serge, UU5WW (<u>www.3b8-uu5ww.com</u>) will be active holiday style as 3B8/UU5WW from Mauritius Island (AF-049) on 17-30 November. He will operate mainly CW on 80-10 metres running low power into simple antennas, and will take part in the CQ WW DX CW Contest. All of the QSOs will be confirmed via the bureau and LoTW. Direct cards should be sent to K2PF (OQRS on Club Log).



**3DA** - Announced frequencies for the 16-27 November 3DA0ET DXpedition to Swaziland [425DXN 1161] are:

- **CW** 1825 3520 7018 10105 14018 18075 21018 24905 28018
- **SSB** 3790 7085 14180 18145 21180 24960 28480
- **RTTY** 3590 7035 10140 14080 18100 21080 24915 (JA 24922) 28080.

A "DXpedition Hot-line" phone number (listed on www.swazidx.org, along with details about how 6m openings will be handled) has been enabled for sending SMS messages to the expedition pilot (ZS6WB) about any copy of the beacon which will be running 24/7 on 50.450 FM, and for sending any reports about RX of low-band activities. 3DA0ET will use five stations, one dedicated to RTTY. QSL via N7RO direct or bureau, and LoTW. Logsearch on Club Log. [TNX ZS6RJ]

**4S** - Radio Society of Sri Lanka's special event station 4S0CGM [425DXN 1175] is active to commemorating the 23rd Commonwealth Heads of Government Meeting (CHOGM) that is being held in Colombo. In addition, individual operators can append their suffix to special callsigns 4S5CGM, 4S6CGM and 4S7CGM, or append /CGM to their personal callsign during the month of November. [TNX 4S7JL]

**4S** - Peter, DC0KK will be active again as 4S7KKG from Sri Lanka (AS-003) from 17 November to 15 April 2014. He will operate mainly CW and digital modes. QSL via DC0KK, direct or bureau. Logsearch on Club Log.

**5W** - Hiro, JF1OCQ will be active as 5W7X from Apia, Samoa (OC-097) on 7-14 November. He plans to be QRV on 160-6 metres SSB and CW. QSL via home call. E-mail requests for bureau cards can be sent to jf1ocq[@]arrl.net. [TNX NG3K]

**9H** - Olaf DL4HG (9H3OG) and Holger DL5XAT (9H3TX) will be active from Malta (EU-023) on 17-25 November. They will participate in the CQ WW DX CW Contest as 9H3TX (M/2), and will concentrate on 30, 17 and 12 metres CW and RTTY outside the contest. QSL via home calls, direct and bureau.

**9L** - Ivo, 9A3A is now active as 9L1A from Sierra Leone "for more than three months". He logged 2000+ QSOs

during the CQ WW DX CW Contest, and is now working "on antennas improvements". 9L1A is a reissued callsign, QSL for the current operation is via 9A2AA (direct or bureau). [TNX 9A2AA]

**9M2** - Once again Rich, PAORRS will be active as 9M2MRS from Penang Island (AS-015) from 31 December until 3 February 2014. He will operate CW, RTTY and PSK on 40-10 metres. QSL via home call, direct or bureau, as well as LoTW and eQSL. [TNX PAORRS]

**9M6** - Once again Saty, JE1JKL will participate in the CQ WW DX CW Contest as 9M6NA (SOAB HP) from Labuan Island (OC-133), East Malaysia. QSL via home call, direct or bureau, and LoTW. Email requests for bureau cards can be sent to 9m6na[@]jsfc.org. [TNX NG3K]



The XR0ZT team

**CEOZ** - Announced frequencies for the 8-20 November XR0ZR DXpedition to Juan Fernandez (SA-005) [425DXN 1148] are:

- **CW** 1826 3526 7026 10106 14026 18076 21026 24896 28026
- **SSB** 1840 3780 7060/7150 14150 18140 21270 24940 28470
- **RTTY** 3590 7035 10142 14080 18100 21080 24920 28080

Plans are to operate also on 6 metres (50103 kHz CW/SSB and 50193 kHz EME) and 60 metres CW and SSB (5371.5). The team (DL6JGN, EA3AKY, IV3DSH, IW3SQY, IZ8GCE, PA3EWP, SP3DOI and WA7NB) will operate four stations. QSL via IV3DSH, direct or bureau, and LoTW after 6 months. Logsearch and OQRS on Club Log. Further information can be found at www.juanfernandez2013.com

**D4** - Keith, G3TTC will be active as D44TUE from Cape Verde until 2 December. He will be on Sao Vicente (AF-086) until 30 November, and on Sao Tiago (AF-005) on 1-2 December. Look for him around 14260 and 18128 kHz. QSL via G3TTC, direct or bureau. [TNX The Daily DX]

**D4** - The Monteverde Contest Team (<u>http://d4c.cc/</u>) will participate in the CQ WW DX CW Contest as a Multi-Multi entry from the D4C station on Sao Vicente (AF-086), Cape Verde. The team includes HB9CAT, IK2JUB, IK2NCJ, IT9BLB, K1RX, LY2IJ, OM2VL, OM3BH, OM3GI, OM3RM, YL2KL, YL3DQ, LB3HC and YL3DW. QSL via IZ4DPV (direct or bureau), LoTW and eQSL. [TNX IK1HJS]

**DL** - DK7LV, DL2VFR, DL2YBG, DL4BBH and DL7UXG will operate SSB and CW as DM50IOTA from Usedom Island (EU-129) on 15-18 November. QSL via bureau, or direct to DL2VFR. [TNX rsgbiota.org]

**E6** - Alan, VK4WR (E6RQ) and Graeme, VK4FI (E6SG) will be active from Niue (OC-040) on 7-17 December. They will concentrate on 6 metres, with some activity on the HF bands (40-10 metres) using a dipole and 100 watts. QSL both calls via VK4FI. [TNX OPDX Bulletin]

**EA8** - Look for Andrea, EA8/IK1PMR (www.ik1pmr.com) and Claudia, EA8/PA3LEO to be active from Tenerife, Canary Islands (AF-004) from 26 November to 7 January

2014. They will operate CW, RTTY and SSB on the HF bands and 6 metres. QSL via home calls, direct or bureau. [TNX NG3K]

**F** - On 27 November 1923 Leon Deloy, 8AB from Nice (France) made the first two-way transatlantic QSO with Fred Schnell (1MO) in the USA. To celebrate the 90th anniversary of that event, F5KBM (Radio Club de Wimereux) will be active as TM8AB on 22-24 November. [TNX F8REF]

**FG** - Members of the FG4KI Radio Club (namely FG1PP, FG4NW, FG8NY and FG8OJ) will be active as TO0MT from Guadeloupe (NA-102) from 18 November to 1 December for the arrival of the solo transatlantic yachtrace "Mini



Transat". QSL via LoTW and eQSL. [TNX NG3K] FJ - Georg, DK7LX be active as FJ/DK7LX from St. Barthelemy (NA-146) from 16 November to 6 December. He will operate mainly CW

and RTTY on 40-10 metres. QSL via home call. [TNX DX



World] FK - FK8RO is the callsign issued to Freddy, F5IRO for his activity from New Caledonia [425DXN 1173]. He will remain there through February 2014. OSI via F5IRO,

direct or bureau. Freddy, along with  $\bar{F}K8DD$  and FK8IK, will participate in the CQ WW DX CW Contest as TX8B (QSL via FK8DD).

**FK** - Freddy, FK8RO (F5IRO) will be active as FK8RO/p from Ouvea Island (OC-033) on 9-13 December. He plans to be QRV on 40-10 metres CW with wire antennas. QSL via QSL via F5IRO, direct or bureau. [TNX DX World]

**FM** - Dimitry, UT5UGR will be active as FM/KL7WA from Martinique (NA-107) on 18-26 November. He will participate in the CQ WW DX CW Contest as TO7A. QSL via UT5UGR. [TNX DX World]

**FM** - Jim, F5MCC will be active as FM/F5MCC from Martinique (NA-107) on 3-21 December. He will operate CW and SSB on 40-10 metres. QSL via home call, bureau preferred. [TNX NG3K]

**FS** - Once again John, K9EL will be active as FS/K9EL from St. Martin (NA-105) on 19-28 November. He will be QRV on 160-10 metres and will participate in the CQ WW CW Contest. QSL via home call. Daily uploads to Club Log and LoTW are planned. [TNX OPDX Bulletin]

**FS** - Dave, WJ2O (<u>www.wj2o.com</u>) will be active as FS/WJ2O from St Martin (NA-105) on 20-29 November. He will operate CW only on 40-10 metres, and will participate in the CQ WW DX CW Contest. QSL via N2ZN.

[TNX NG3K]



**J6** - The Buddies in the Caribbean DXpedition group, which specializes in 100 watt or less low power radios and the Buddipole portable antenna systems, will be active from St Lucia (NA-108) on 1-9 December. There will be fixed operations (160-10 metres CW, SSB and digital modes),

as well as portable operations from various points on the

island. The operators will be W3FF (J68FF), J6/AA4W, J6/K3JDB, J6/N9AW, J6/NM4T, J6/W4QO, J6/W5EXJ and J6/W6HFP. QSL via home calls and LoTW. [TNX N9AW] J7 - George K5KG (J75KG), Charlie K1XX (J79XX), Jim



WI9WI (J79WI) and Gus VO1MP (J79MP) will be active from Dominica (NA-101) on 16-25 November. They will participate in the CQ WW DX CW Contest as J73A; outside the

contest "some time will be devoted to SSB and RTTY". QSL J73A via WI9WI (direct only), others via home call (direct only). All logs will be uploaded to LoTW. [TNX NG3K]

**J8** - The new dates for the J88HL operation from St. Vincent (NA-109) [425DXN 1163] are from 15 November

to 1 December. A polish team will have at least three stations active 24/7 on 160-10 metres CW, SSB and RTTY, with a serious effort on the low bands. They will also have equipment for 6 metres. QSL route to be



announced; logsearch and OQRS on Club Log. Bookmark <a href="http://j88hl.dxing.pl/">http://j88hl.dxing.pl/</a> for updates. [TNX SP6EQZ]

**JA** - Take, JI3DST will be active as JI3DST/1 from Shikine Island (AS-008) on 21-25 November (40-10 metres mainly SSB and CW, with some activity during the CQ WW DX CW Contest) and as JI3DST/6 from Kuchino-Island (AS-049) from 28 December to 5 January (160-10 metres mainly SSB and CW). QSL via home call, bureau preferred. [TNX JI3DST]

**JA** - Look for Kenji, JA4GXS to be active as JA4GXS/6 from Hateruma Island (AS-024) on 5-6 December and from Yonaguni Island (AS-024) on 8-9 December. he will operate CW and SSB on 40, 30, 20, 17, and 15 metres. QSL via home call, direct or bureau. [TNX rsgbiota.org]

**JD1\_oga**- Toshi, JP1IOF is active as JD1YBT from Chichijima (AS-031), Ogasawara until 15 November. QSL via JP1IOF (direct or bureau) and LoTW. Logsearch and OQRS on Club Log.

**JD1\_mt** - Take, JG8NQJ will be back on Minami Torishima (OC-073) in mid-December. Usually he works at the local weather station for six weeks at a time, and operates mainly CW as JG8NQJ/JD1 in his spare time. QSL via JG8NQJ (bureau) or JA8CJY (direct).

**JT** - Special event station JT50SSB is active until 6 November from Ulaanbaatar to celebrate the 50th anniversary of the first SSB QSO with Mongolia, made by Vladimir Vasilyevich Belousov (UA3CA) in 1963. The operators are JT1BB, JT1BO, JT1CS, JT1DA and Belousov's son, Andrey Vladimirovich (UA3ABR/JT1CA). QSL via UA3ABR.

**JW** - LA8HGA will be active as JW8HGA from Spitsbergen (EU-026), Svalbard until 18 November. He will operate mainly CW on the HF bands. QSL via

LA8HGA, direct or bureau, and LoTW. [TNX NG3K]

**JW** - Once again Erik, LA2US will be active as JW2US from Bear Island (EU-027) for six months, starting in December through



May 2014. He will operate mainly CW in his spare time. QSL via LA2US, direct or bureau, plus LoTW and eQSL.



#### The K9W team at The Forgotten 98 Memorial on Wake Atoll

**KH9** - The K9W Commemorative DXpedition team (AA4NN, K6MM, K9CT, K9NW, K9ZO, N2TU, N9TK, NA6M, W3OA, W8GEX, W8HC and WB9Z) has been approved for entry onto Wake Atoll. The equipment is already on Wake and in safe storage awaiting their arrival: the plan is for the team to depart on 1 November, arrive on the 2nd and immediately erect antennas and set-up the stations. They plan to be QRV on 3-15 November (Wake time) with four stations on the following target frequencies:

- **CW** 1826.5 3523 7023 10103 14023 18079 21023 24894 28023
- **SSB** 3790 7082 14185 18140 21285 24955 28485
- **RTTY** 3580 7035 10142 14080 18099 21080 24912 28080

Announced frequencies for 60m are 5405 (CW) and 5403.5 (SSB), while on 6m K9W will use 50107 (CW and SSB). Logs will be uploaded to Club Log as time and Internet access allow. An OQRS for direct an bureau cards will be activated on Club Log after the DXpedition ends. Traditional requests should be sent direct to Wake Island DXpedition, P.O. Box 5005, Lake Wylie SC 29710, USA, or via bureau to AA4NN. Logs will be uploaded to LoTW six months after the conclusion of the DXpedition. Bookmark www.wake2013.org for further information and updates. [TNX W8GEX]

KP4 - KP4AO, the Arecibo Observatory Amateur Radio Club, will be QRV on 10 November from 14 UTC to 20



UTC to celebrate the observatory's 50th anniversary. Activity will be on 20 metres. QSL via W3HNK. [TNX The Daily DX]

**KP4** - Commemorating the 520th anniversary of the discovery of the island of Puerto Rico, three local amateur radio clubs will be QRV with special call signs: the Caribbean

Amateur Radio Group as N4D (13-19 November), the Western Amateur Radio Group as W4D (17-24 November) and the Borinquen Amateur Radio Club as K4D (17-19 November). QSL for all callsigns via KP4TC. [TNX Southgate ARC]

**OE** - Jun JH4RHF, Roberto IK2PGM and Antonello IT9YVO will be active from 4U1VIC, the Vienna International Centre Amateur Radio Club, from 29 November to 1 December. QSL direct or bureau. [TNX DX Coffee]

**OD** - To celebrate the 70th anniversary of Lebanon's independence, Lebanese stations may use the special prefix OD70 until the end of November. [TNX Daily DX] **OX** - Henning, OZ1BII (<u>www.oz1bii.dk</u>) will be active again as XP2I from Greenland (NA-018) on 21-24 November. He will operate CW only and will participate in the CQWW DX CW Contest. QSL via OZ1BII, direct or

bureau, and LoTW. Logsearch on Club Log. [TNX NG3K]

**OZ** - Once again Dirk, OZ/KH6DXX will be active from Romo Island (EU-125) on 2-9 November. He will participate in the IPARC (International Police Association Radio Club) SSB Contest on the 3rd. QSL via DF3XX, direct or bureau. [TNX rsgbiota.org]

**P4** - Valery, R5GA will be active as P4/R5GA from Aruba (SA-036) on 16-26 November. He will operate mainly CW on 160-10 meters, with a focus on 30, 17 and 12 metres. He will participate in the CQ WW DX CW Contest as P40F. QSL via UA3DX. [TNX OPDX Bulletin]

**P4** - Once again John, W2GD will activate P40W from Aruba (SA-036) for the CQWW DX CW Contest (23-24 November). He plans to be QRV on 160, 30, 17 and 12 meters CW before the contest, as time permits. QSL via LoTW or N2MM (direct only, as after 31 December 2013 no bureau requests will be honoured). [TNX NG3K]

**PJ** - Rob, N7QT and Hugh, W4VAB will be active as PJ6/N7QT and PJ6/W4VAB from Saba (NA-145) on 7-17 November, and as PJ7/N7QT and PJ7/W4VAB from Sint Maarten (NA-105) on 17-24 November. It will be a "suitcase mini-DXpedition" with planned activity on 80-10 metres CW, SSB and digital modes (RTTY, PSK and JT65). QSL via home calls, direct or bureau, plus LoTW and eQSL. [TNX NG3K]

**PJ2** - Andy, W9NJY will be active as PJ2/W9NJY from Curacao (SA-099) on 19-25 November. He will operate CW on 160-10 metres. QSL via WD9DZV and LoTW. [TNX The Daily DX]

**PJ4** - W4PA, WF7T and N0AX will be active from Bonaire (SA-006) on 18-27 November. They will participate in the CW WW DX CW Contest as PJ4Q (QSL via W4PA), while outside the contest they will concentrate on 160, 30, 17 and 12 metres. [TNX The Daily DX]

**PJ7** - Dennis K2SX, Les W2LK and Andy K2LE will be active as PJ7/homecall from Sint Maarten on 19-26 November. QSL via home calls. They will participate in the CQ WW CW Contest as PJ7W (QSL via W2LK). [TNX NG3K]

**PY** - Special event station ZV7O will be active on 15-16 November during Fliporto 2013, the International Literary Festival of Pernambuco. QSL via PY7JN. [TNX PY7ZZ]

**PY** - Fabio, PP5BZ will be active as ZW5W from Santana de Fora Island (SA-088) on 6-9 December. He will operate CW and SSB on 80-10 metres. QSL via PP5BZ. [TNX PT7WA]

**PY** - Jose, PU5IKE will be active as ZW5AAA from Ilha dos Remedios (SA-027) on 7-8 December. He plans to operate SSB on 10 metres. QSL via home call (direct or bureau), LoTW and eQSL.

**PYOF** - Andre, PP6ZZ/PY7CW will be back to Fernando de Noronha (SA-003) on 11-26 November. He will be QRV as PY0FF, including an entry in the CQ WW CW Contest. QSL via W9VA. [TNX The Daily DX]

**S5** - Special event stations S506SLG and S506PMC are active until 5 January to promote the PMC Contest, sponsored by the Radio Club Slovenj Gradec (S59DCD). 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 from 12 UTC on 4 January

2014 until 12 UTC on the 5th. Complete details can be found at www.s59dcd.si/en 10/

**S7** - Cesare, IOWDX will be active as S79WDX from La Digue



(AF-024), Seychelles on 12-23 November. He plans to be QRV on 160-6 metres. QSL via I0WDX (direct only) and LoTW.

**S9** - John IK5BCM, Beppe IK5CBE and John IK5CRH will be active as S9TF from Principe Island (AF-044) on 1-12 February 2014. They will have three stations with amplifiers, one 5-band Spiderbeam, two 6-band verticals and wire dipoles for 40 and 80 metres. QSL via IK5CRH, direct or bureau, plus LoTW and eQSL. Logsearch on Club Log. They have a website at http://gmiross.wix.com/principe-is-2014

**SP** - Special station SN18PPM (the suffix stands for "Ponizej Poziomu Morza", i.e. below sea level) will be active from 29 November to 2 December from the village of Raczki Elblaskie, the lowest point of Poland (1.8 metres b.s.l.). QSL via SP4EOO.

**T30** - Ted, JF1CCH (T30TS, mainly CW with some SSB and RTTY) and Kazu, JA1FUF (T30KN, mainly PSK31 and RTTY) will be active from Tarawa, Western Kiribati (OC-017) from 28 November to 4 December. They plan to be QRV on 40-10 metres running 100 watts into dipoles. QSL via home calls, direct or bureau, and eQSL. [TNX NG3K]

**T32** - Tim, NL8F will be active as T32TM from Kiritimati/Christmas Island (OC-024) from 27 November to 4 December, when he will be joined by other operators (David AH6HY, Dick N7RO, Paula NX1P and Dean KW7XX). A second station will be set up and operations will continue until 10 December using the callsign T32RC. Suggested frequencies are:

- **CW** 1825 3525 7025 10110 14025 18072 21025 24892 28025 kHz
- **SSB** 1840 3790 7085 14190 18140 21295 24945 28440 kHz
- **RTTY** 1838 3588 7040 10140 14080 18102 21092 24920 28082 kHz.

On Top Band, T32RC will participate in the ARRL 160 Meter Contest (6-8 December), outside the contest they will concentrate on the working the rest of the world. QSL T32TM via K8NA. QSL T32RC via N7RO (OQRS on Club Log) and LoTW. Further information can be found at <a href="http://t32-2013.com/">http://t32-2013.com/</a>

**TA** - TA2TX/0, TA0/LZ1NK, TA0/LZ1CNN, TA0/LZ2UW, TA0/LZ3YY, TA0/LZ3FN, TA0/LZ3ND, and TA0/LZ5VK will operate SSB and CW from Bozcaada (AS-099) on 19-25 November. They will participate in the CQ WW DX CW Contest as TC0A (QSL via TA2TX or LZ1NK). They have a website at <u>http://tc3a.alle.bg/</u> [TNX NG3K]

**TY** - Wim, ON6DX was not able to collect his TY licence [425DXN 1176], as the building where Benin's Transitory Authority for the Regulation of Posts and Telecommunications is located was damaged by a fire that broke out in the night between 7 and 8 November. Wim has had to make a new application, which he says "is going to take or two weeks (Africa time)". For the time being, Wim is still active as 5V7TH from Togo. **TU** - The website for the 17-30 November "solidarity



radio operation" from Cote d'Ivoire [425DXN 11721 cen be found at www.premiumoran ge.com/tu2013/ Chris TU5AX, Paul TU5XV and Jan TU5NK plan to be QRV on 160-6 metres as follows:

- **CW** 1826.5 3524 7024 10104 14024 18084 21024 24894 28024 50104
- **SSB** 3799 7070 14190 18150 21290 24950 28490 50150

**DIGI** 7050 10138 14080 18100 21080 24920 28080 Announced frequencies for 60m SSB are 5371.5/5403.5. QSL TU5AX via F4WBN (direct/bureau, OQRS on Club Log), QSL TU5NK via DJ8NK (direct/bureau and LoTW, OQRS on Club Log), QSL TU5XV via F6EXV (direct/bureau and LoTW, OQRS on Club Log).

**UA** - Look for R9OOO/0, RA1ZZ/0, RA3AV/0 and UA9KW/0 to be active from the village of Batagai-Alyta, Yakutia in the rarest Russian District YA-38 from 26 November to 3 December. They will be QRV on 80-10 metres CW and SSB. All of the QSOs will be confirmed automatically via the bureau. The website for the Russian Districts Award can be found at http://rdaward.org. [TNX DX World]

**UA** - Special callsigns R1980M (operated by R5AX) and R1980L (operated by RX1CQ), commemorating the Moscow 1980 Summer Olympics, will be active until 7 February 2014. A very large number of other special event callsigns will be in use between 1 January and 31 March 2014 to celebrate the XXII Olympic Winter Games and the XI Paralympic Winter Games to be held in Sochi. See http://ok2014.ru/ for further information, including details on various awards.



(R110RAEM,

RD110RAEM,

RL110RAEM,

RQ110RAEM,

RU110RAEM,

RY110RAEM,

**UA** - Several special event stations RA110RAEM, RB110RAEM, RC110RAEM, RG110RAEM, RJ110RAEM, RK110RAEM, RM110RAEM, RN110RAEM, RO110RAEM, RR110RAEM, RS110RAEM, RT110RAEM, RV110RAEM, RW110RAEM, RX110RAEM,

RZ110RAEM) are expected to be QRV on 1-31 December to commemorate the 100th anniversary of the birth of Ernst T. Krenkel, the legendary RAEM. Information on the



relevant award, QSL routes and logsearch can be found at <a href="http://raem110.ru/">http://raem110.ru/</a>

**UR** - Special Ukrainian stations EM110RAEM (QSL via UT7UT), EN110RAEM (QSL via UT5UIA) and EO110RAEM (QSL via US5ID) will be active on 1-31 December to commemorate the 100th anniversary of the birth of Ernst T. Krenkel (RAEM). [TNX UT7UT]

**V3** - Bob, K7YB will be active as V31YB from San Pedro, Ambergris Caye (NA-073), Belize on 20-25 November. He will operate holiday style on 40, 20, 10 and 6 metres SSB and CW, and will be active during the CQ WW DX CW Contest. QSL via home call. [TNX The Daily DX]

**V4** - Andy, N2NT will be active as V47NT from St. Kitts (NA-104) on 17-26 November, and as V47T during the CQ WW DX CW Contest. QSL for both callsigns via W2RQ. [TNX NG3K]

**V4** - Bob, K5WA will be active as V4/K5WA (QSL via home call) from St. Kitts (NA-104) on 20-27 November. He will be QRV on 160-10 metres CW, and will participate in the CQ WW CW Contest as V49J (QSL via W5JON and LoTW). [TNX NG3K]

**V5** - Klaus, DJ4SO be active again as V5/DJ4SO from Namibia from 7-8 November to 4 December. He plans to operate CW, digital modes and some SSB on 160-6 metres. QSL via home call. [TNX The Daily DX] **V6** - Sho, JA7HMZ and Masa, JA7ZF will be active as V63DX and V63ZF from Pohnpei (OC-010), Micronesia on 22-30 November. QSL via home calls. [TNX NG3K]

**V6** - Haru, JA1XGI will be active as V63XG from Chuuk (OC-011), Micronesia on 4-12 December. He will be QRV on 160-10 metres CW, SSB and RTTY, with a focus on Europe on the low bands. He will participate in the ARRL 160 Meter Contest (6-8 December). QSL via home call, direct or bureau (logsearch and OQRS on Clublog). See <a href="http://island.geocities.jp/v63xg/index.htm">http://island.geocities.jp/v63xg/index.htm</a> for further information.

**VE** - To commemorate the 250th anniversary of the Royal Proclamation of 1763, Canadian amateurs may use the following prefixes from 5 November to 5 December: VG for VA, VX for VE, XJ for VO, XK for VY.

**VP2V** - Look for VP2V/N3DXX to be active from Tortola, British Virgin Islands (NA-023) on 19-29 November, including an entry in the CQ WW DX CW Contest. QSL via NR6M. [TNX NG3K]

**VP8** - Mick, G1EUZ will be active as VP8BTU from the Falkland Islands (SA-002) between 25 November and 25 May 2014. QSL via home call and LoTW.

**VU** - Special callsign AU2GIR will be used on 9-10 November by a team operating from the Gir Forest National Park and Wildlife Sanctuary in Gujarat, India. Look for activity on 28550, 21280, 21310, 14150, 14220, 7035, 7070 and 7150 kHz. See qrz.com for QSL information.

**VU** - Special callsign AU2JCB will be in use from 22 November to 10 December t celebrate the birthdate of Indian physicist and radio pioneer Jagadish Chandra Bose. Look for activity on 3710, 7040, 7150, 14220, 14250, 14310, 21280, 21310, 21350, 28545, 28510 kHz, plus 6 and 10m FM on 50800, 51500 and 29700 kHz. QSL direct to VU2DSI. [TNX NG3K]



VU7AG's 30m, 40m and 80m phased arrays on Agatti

**VU7** - The VU7AG DXpedition from Agatti, Lakshadweep Islands (AS-011) [425DXN 1176] started on 20 November around 12.55 UTC on 12 metres SSB. W4VKU, VU2ABS and VU2RCT will be joined by VU2NKS and VU2NXM on 23 November, and by VU2PAI and VU3DMP on the 26th. The remaining operators will follow for the last week of activity. The correct frequency plans are as follows:

- **CW** 1824 3524 7024 10104 14024 18074 21024 24894 28024
- **SSB** 3680 7095 14180 18145 21280 24945 28480
- **RTTY** 3584 7044 10142 14084 18104 21084 24922 28084

The pilots now include KH6CG (Chief Pilot + Asia & Oceania), DF2RG (Europe), N1UK (NA East Coast), KY6R (NA West Coast) and LU1FAM (Central and South

America). You can get in touch with them via the Contact page on the expedition's website. There is also an e-Pilot (a contact form for DXers to write to the island team). The propagation page now includes custom propagation charts thanks to K6TU. QSL via W4VKU (logsearch and OQRS for direct and bureau cards on Club Log), and LoTW approximately six months after the conclusion of the DXpedition. Bookmark <u>www.vu7ag.info</u> for further information and updates.

**W** - Mike, N1OKL will be active holiday style from Dauphin Island (NA-213) on 24-29 November. He will operate SSB and RTTY. QSL via home call, direct or bureau. [TNX rgsbiota.org]



**XE** - A team of eight (namely Ismael XE1AY, Gustavo XE1KKK, David XE1REW, Enrique XE2AA, Juan Manuel XE2AI, Jorge XE2AMS, Benjamin XE2AU and Juan XE2AY) will be active as XF1T from Isla Cocinas (NA-189) on 14-17 March 2014. QSL via IT9EJW; logsearch and OQRS on Club Log. [TNX IT9EJW]

**XV** - Special event callsign XV2V40J will be used by seven operators (JA2TXR, JA3NHL, JA4AGA, JA6CNH, JA6QGF, JA8NF and JF1HJZ) on 2-24 November to commemorate the 40th anniversary of the establishment of diplomatic relations between Japan and Vietnam. QSL via JF1HJZ.

**XV** - Once again Retu, OH4MDY will be active as XV2RZ from Vietnam from 22 November to 8 December. He will be QRV on 20-6 metres CW and SSB. QSL via home call, direct only. Logsearch on Club Log. [TNX DX World]

**XV** - Mats, SM6LRR (RM2D) will be active as XV2LRR from Vietnam from 29 November to 14 December. He will operate holiday style on 40-10 metres CW and SSB. Logsearch on Club Log, QSL via LoTW only ("with some possible paper cards to be printed later", he says, information will be published on qrz.com "if and when available").



**XZ** - The 15-26 November XZ1J expedition to Myanmar [425DXN 1175] now has a website at <u>www.xz1j.org</u>. Plans are for an 11-member team to operate CW, SSB and RTTY on 160-10 metres with three or four stations. Please use the OQRS provided by Club Log for QSLling.

**YB** - Budi, YF1AR (<u>www.yf1ar.com</u>) will be active as YF1AR/4 from Sebesi Island (OC-262) on 2-5 November. He will operate mainly SSB running 100 watts into a vertical dipole for 20, 15 and



10 metres, and a GP for 40 metres. QSL via N2OO. Logsearch on Club Log. [TNX YF1AR] YB – According to the expedition's blog

(http://oc157 blogspot.co m/), YB8V is the callsign to be used on 10-15 November [425 DXN 1173] from Banda Besar Island



(OC-157). QSL via YB9BU, direct only.

**YN** - Mike, AJ9C will be active again as YN2CC from Nicaragua on 19-27 November. He will operate CW, SSB and RRTY on 160-6 metres, and will take part in the CQ WW DX CW Contest. QSL via home call and LoTW. [TNX The Daily DX]



**Z8** - During the contest weekend, the Z81X team will have two dedicated stations with a focus on 80 and 40m SSB and the still much needed 30, 17 and 12m. The CQ WW DX CW

contest will see the team making three single-band entries: Z81R by OH2PM on 10m (QSL via OH2BH), Z81X by OH0XX on 15m (QSL via OH0XX) and Z81Z by DL3DXX on 40m (QSL via K4ZW). However, "as these efforts are only semi-serious, you shouldn't be surprised to see one of the Z8s appear on other bands as well".

Site teardown will start on 25 November, and the team will be heading home on the 26th. [TNX OH2BN] ZD8 - Olof GOCKV (ZD8M), Oliver W6NV (ZD8W) and Jorma OH2KI (ZD8X) will be active from Ascension Island (AF-003) on 19-24 November. Their main activity will be during the CQ WW CW Contest as single-band entrants (on 40, 15 and 10 metres respectively). Before the contest they will be QRV on the HF bands and 6 metres. QSL via home calls. [TNX OPDX Bulletin] ZD8 - G3VFC, G3ZAY, M0BLF, M0VFC and M1BXF will be active as ZD8UW from Ascension Island (AF-003) on 2-6 December. They will operate mainly SSB and CW on 40-10 metres, with possibly some activity on 6 metres and WSPR . Logsearch on Club Log, QSL via M0OXO (OQRS for direct and bureau cards on www.m0oxo.com) and LoTW. [TNX G3ZAY] ZD9 - Bani van der Merwe, ZS1BM is part of the 59th overwintering team on Gough Island (AF-030) that departed Cape Town on 5 September aboard the MV S.A. Agulhas II. According to qrz.com, he expects to be QRV as ZD9G through August 2014. QSL via ZS1HF. ZF - Curt, NOOK will be active as ZF2OK from Grand

Cayman Island (NA-016) on 1-8 December. He will operate holiday style on 20, 17, 15 and 10 metres mostly RTTY. QSL via home call.

**AFRICA TRIP** ● Carl, SM6CPY will be active holiday style as 5H3CJ from Tanzania on 6-12 November and again on 18-26 November, and as 9X0PY from Rwanda on 12-18 November. Dates are approximate. He plans to operate CW only on 20, 15, 12 and 10 metres, "hopefully on 40 and 30 and possibly on 80 meters". QSLs via SM6CPY. [TNX The Daily DX]

**ANTARCTICA** ● Gerry, VK0GB (aka G3WIP and VK4BGL) is a medical Practitioner stationed at Casey Station, Antarctica until February 2014. Plans are to sit around 7130, 14315, 18130, 21300 and maybe 28775 at 01.00, 09.30, 12.00 and 17.30 UTC ("but not every day", he says, as his job "always comes first, so I cannot promise too much").

**CARIBBEAN TRIP** • Mike, DF8AN will operate mainly CW as V26MN from Antigua (NA-100) on 5-8 November, VP2MMN from Montserrat (NA-103) on 8-15 November and V4/DF8AN from St.Kitts (NA-104) on 15-19 November. QSL via home call, direct or bureau. [TNX DX World]

**CARIBBEAN TRIP** ● Pete, VE3IKV will be active as FJ/VA3RA (SSB and CW on the HF bands and 6m) from Saint Barthelemy (NA-146) on 21-25 November, including an entry in the CQ WW DX CW Contest on 10 metres. He will then move to Sint Maarten (NA-104) and be QRV on 10 and 6 metres as PJ7/VA3RA on 25-28 November. QSL via VE3IKV, direct only. [TNX The Daily DX]

## CQ WW DX CW CONTEST

The following stations have announced their participation in this year's event (23-24 November):

ZONE	CALL	CATEGORY	COUNTRY	QSL VIA
02	VC2R	SO	Canada	LoTW/VE2IM
03	VB7A		Canada	VA7DZ
05	VP9I	M/S LP	Bermuda	LoTW/WW3S
07	HQ2W	SOAB LP	Honduras	KD4POJ
07	V31YB	SO	Belize	K7YB
07	YN2CC	SO LP	Nicaragua	LoTW/AJ9C
08	6Y7W	M/?	Jamaica	UA8DX
08	8P5A	SOAB HP	Barbados	LoTW/NN1N
08	C6AKQ	SOSB 80m	Bahamas	N4BP
08	C6AUM	SOSB 40m	Bahamas	K4RUM
08	C6AZZ	SOSB	Bahamas	KQ8Z
08	FJ/VA3RA	SOSB 10m	St Barthel.	VE3IKV
08	FS/K9EL	SOAB HP	St Martin	K9EL
08	FS/WJ2O		St Martin	N2ZN
08	HI/K8MR	SOAB QRP	Domin. Rep	K8MR
08	HI3A	M/?	Domin. Rep	LoTW/ON4IQ
08	]34]	M/?	Grenada	LoTW/JA1HGY
08	J73A	M/?	Dominica	KU9C
08	J87GU		St Vincent	DL7VOG
08	J88HL	SO	St Vincent	SP3CYY
08	KP2B	SOAB LP	Virgin Isls	NP3O

ZONE	CALL	CATEGORY	COUNTRY	QSL VIA
08	KP2M	M/S	Virgin Isls	LoTW/AI4U
08	NP2P	SOAB	Virgin Isls	LoTW
08	NP3X	SOSB 15m	Puerto Rico	NP3O
08	NP4A	SOSB 80m	Puerto Rico	W3HNK
08	NP4Z	SOAB	Puerto Rico	LoTW/N4AO
08	PJ7W	M/?	St Maarten	W2LK
08	TO7A	SOAB HP	Martinique	UT5UGR
08	V25A	SO	Antigua	KG2A
08	V26K	SOAB LP	Antigua	LoTW/AA3B
08	V47T	SOAB HP	St Kitts	W2RQ
08	V49J	SOAB LP	St Kitts	LoTW/W5JON
08	VP2MMM	SOAB HP	Montserrat	W3HNK
08	VP2V/N3DXX	SOAB	British V. Is	NR6M
08	ZF1A	M/S	Cayman Isl	LoTW/K6AM
09	9Y4W	SOSB 20m	Trin. & Tob.	DL4MD0
09	FY5FY	SOSB15LP	Fr. Guiana	FY5FY
09	FY5KE	SOSB 10 HP	Fr. Guiana	LoTW
09	HK1MK	S0	Colombia	DL6IAK
09	HK1NA	M/M	Colombia	LoTW/K6IPM
09 09	P40F	SOAB	Aruba	
09 09	P40W	M/M	Aruba	
	PJ2T	M/M	Curacao	LoTW/W3HNK
09	PJ4A	M/2	Bonaire	K4BAI
09	PJ4Q	M/2	Bonaire	W4PA
10	HC1WDT	M/S	Ecuador	LoTW/NOAT
10	HD2T	SOAB HP	Ecuador	VE3DZ
10	HC2TWA	SOSB LP	Ecuador	R4WAA
10	OC4CW	M/?	Peru	LoTW/N7CW
11	PYOFF	SO	Fernando de Noronha	W9VA
11	ZP9MCE	SOAB LP	Paraguay	EA5ZD
13	CW0A	SOSB 10m	Uruguay	HB9IBG or W4/CX1E
13	CW5W	SOSB 10m	Uruguay	CX6VM
13	LP5D	M/S	Argentina	AC7DX
13	LU1DZ	M/S	Argentina	LU1DZ
14	ED6A	M/M	Balearic Isl	LoTW/DJ2MX
14	EF6B	SOAB	Balearic Isl	LoTW
14	EF7X	M/S	Spain	EA7PP
14	GD6IA	SOAB HP	Isle of Man	GD6IA
14	GJ2A	SOAB HP	Jersey Isl	LoTW
14	GU4CHY	SOSB 10m	Guernsey	GU4CHY
14	GU4YOX	SO HP	Guernsey	LoTW/GU4YOX
14	GZ3F	SOAB	Shetland Isls	GM4FDM
14	HB9CA	M/2	Switzerland	LoTW/HB9FMU
14	LX7I	M/2	Luxembourg	LoTW/LX2A
				/
14	MZ5B	SOSB 80m	Shetland Isls	LoTW/G3TXF
14	SJ2W	M/S	Sweden	LOTW
14	SP8R	M/2	Poland	SP8YB
14	TM1A	M/M	France	F6KOP
14	TM5CD		France	F8KGS
15	9A1P	M/S	Croatia	9A2RD
15	9H3TX	M/2	Malta	LotW/DL5XAT
15	E7DX	M/S	Bosnia-Herzegovina	E77E
15	ES9C	M/M	Estonia	LoTW
15	II1A	M/2	Italy	IK1SPR
15	II9P	M/?	Sicily	LoTW/IT9CHU
15	IW9FRA	M/S	Sicily	IW9FRA
15	LY7A	M/M	Lithuania	LoTW/LY2ZO
15	OH0V	SO	Aland Isls	LoTW
15	OH0Z	SOAB HP	Aland Isls	WOMM
15	OH5Z	M/S	Finland	LoTW
15	YU5R	M/2	Serbia	LoTW
15	Z6/S56A	SOAB LP	Kosovo	S56A
12	Z60WW	SOSB 15m	Kosovo	OH2BH
	· · · ·		EU Russia	LoTW/RN3RQ
15	UA3R			
15 16	UA3R 4X2M	M/S SOSB 20m		
15 16 20	4X2M	SOSB 20m	Israel	LoTW/4X4DZ
15				LoTW/4X4DZ LoTW/MOURX RW3RN

ZONE	CALL	CATEGORY	COUNTRY	QSL VIA
20	TC0A	M/2	Turkey	TA2TX or LZ1NK
21	4L0A	M/?	Georgia	LoTW/EA7FTR
21	4L8A	SOSB 15m	Georgia	K1BV
22	S21ZBB	M/2	Bangladesh	IK2VUC
22	VU2PTT	SOAB HP	India	LoTW
24	B4TB	M/S HP	China	BA4TB
26	3W1T	SOSB 10m HP	Vietnam	RW6HS
26	HS0ZAR	M/?	Thailand	K3ZO
27	AH0BT	M/2	Mariana Isls	LoTW/7L1FPU
27	AH0K	M/2	Mariana Isls	OH6GDX
27	AH2R	M/S	Guam	LoTW/JH7QXJ
27	NH2DX	SOSB 15m HP	Guam	NH2DX
27	NH2T	SOAB HP	Guam	LoTW/W2YC
27	V63ZF	SOSB	Micronesia	JA7ZF
27	V6A	SOAB	Micronesia	JA7HMZ
28	9M6NA	SOAB HP	East Malaysia	JE1JKL
28	9M8DX	SO	East Malaysia	SP5UAF
29	VK6LW	SOAB	Australia	VK6IR
31	KH7M	1	Hawaii	grz.com
32	3D2R	M/?	Rotuma Isl	YT1AD
32	N8A	M/2	American Samoa	ZL3CW
32	TX8B	M/?	New Caledonia	FK8DD
33	3V8BB	SOAB	Tunisia	LoTW/LX1NO
33	5C5T	M/S	Morocco	EA5YU
33	CN2AA	M/S	Morocco	LoTW/UA2FM
33	CN2R	SOSB15m	Morocco	W7EJ
33	CN2YM	SOAB LP	Morocco	LoTW/DL3YM
33	CR3E	SOAB	Madeira Isl	W3HNK
33	CR3L	M/2	Madeira	DJ6QT
33	CT9/R9DX	SOSB 10m LP	Madeira Isl	R9DX
33	EF8O	SOAB	Canary Isls	DJ1OJ
33	EF8S	SOSB	Canary Isls	OH2BYS
33	EF8U	SOAB	Canary Isls	LoTW
33	EF8X	SOAB	Canary Isls	W2GR
33	EF90	SOAB HP	Ceuta & Melilla	LoTW/EA5BM
33	IG9W	SOSB 40m HP	African Italy	IZ1GAR
33	IH9B	SOSB 80m HP	African Italy	IK2ILH
33	IH9YMC	SOSB	African Italy	eQSL
34	Z81R	SOSB 10m	South Sudan	OH2BH
34	Z81X	SOSB 15m	South Sudan	OH0XX
34	Z81Z	SOSB 40m	South Sudan	K4ZW
35	D4C	M/M	Cape Verde	IZ4DPV
35	XT2FCJ	'	Burkina Faso	OK6DJ
36	9J3A	SOAB LP	Zambia	LoTW/S57S
36	9X0NH	SOSB	Rwanda	G3RWF
36	9X0XA	SOSB	Rwanda	G3SWH
36	ZD8M	SOSB 40m	Ascension Isl	LoTW/G0CKV
36	ZD8W	SOSB 15m	Ascension Isl	W6NV
36	ZD8X	SOSB 10m	Ascension Isl	OH2KI
38	3DA0ET	M/2	Swaziland	N7RO
38	V5/DJ4S0	1	Namibia	DJ4SO
38	ZS4TX	SOSB 15m	South Africa	LoTW
39	3B8/UU5WW	SO	Mauritius Isl	K2PF
40	XP2I	SO LP	Greenland	LoTW/OZ1BII

Do not forget to give a look at the Announced Operations listing maintained by Bill, NG3K at <u>www.ng3k.com/Misc/cqc2013.html</u> - good contest to you all!





## **GOOD TO KNOW**

425 DX NEWS MAGAZINE October The 2013 issue now available for download at is www.425dxn.org/monthly/index.html. [TNX IZ3EBA]

5JOR ● The San Andres expedition's website has been updated with pictures and statistics from the recent operation. 5JOR made 80508 QSOs (33426 CW, 37033 SSB and 10049 RTTY) with 22704 unique callsigns in ten days. The OQRS for direct QSLs is up and running, bureau cards should be requestd through the dedicated OQRS when it is made available on the website (http://www.dxfriends.com/SanAndres2013/index.php).



Dima, RA9USU/702A

702A ● This was a surprise activity by Dima, RA9USU (of 706T fame), who operated from Socotra Island (AF-028), Yemen for the CQ WW DX SSB Contest. QSL via UA3DX; logsearch and OQRS on Club Log. The operation has been already approved for DXCC credit.

**CYPRUS** • "A large number of Cyprus stations have QSL mangers outside Cyprus. The Cyprus Amateur Radio Society's (CARS) QSL Bureau cannot deliver QSLs to these stations. Please ensure that the QSL Manager's callsign is written prominently on the card. Many cards are received from bureaux with the correct manager, but the cards still get delivered to CARS because the manager's call is not prominent". A list of Cyprus stations that have

outside Cyprus can be found managers on www.cyhams.org/index.php: click on CARS Services ---> QSL Bureau Service ---> Incoming QSL cards - Foreign Amateurs & QSL Bureaux please read. [TNX 5B4AHJ]

DEMOCRATIC REPUBLIC OF CONGO • On 11 November, after three years of negotiations, the local Regulatory Authority for Post and Telecommunications officially authorized the Amateur Radio Association of the Democratic Republic of Congo (ARAC) to use 9Q0AR (club station callsign) and 9Q0HQ (special event callsign). [TNX DX World]



FT5ZM • On 26 December the MV "Braveheart" will depart Tauranga (New Zealand) on her long voyage to Fremantle (Australia), where she is scheduled to arrive on 13 January. On the 15th the vessel will depart for Amsterdam Island with the 14-member FT5ZM team "and lots of radio equipment" aboard. Read the latest news update (dated 26 November) on www.amsterdamdx.org

**IRON HAM CONTEST** • Drawing inspiration from the Ironman Thriatlon races, the Araucaria DX Group sponsors the WW Iron Ham Contest, a competition that combines the main operating modes (Phone, CW and RTTY) into one single contest. The second edition will be held on 28-29 December (from 12 UTC on Saturday through 11:59 UTC on Sunday). The 24-hour



contest is organized to have 8 hours of operation on each mode in periods no shorter than one hour. Complete details (look at this year's very special prize for the winners!) can be found at www.ironham.com.br [TNX PY5EG]

KOSOVO ● Members of SHRAK, Kosovo's Amateur Radio Association (Z60A) and Finland's Radio Arcala (OH8X) have a joint project to operate from Albania, which is "still semi-rare on several bands". On 1-3 November, to "simulate the upcoming ZA expedition", the Kosovo team will operate Z60A on 14210, 21310 and 28510 kHz SSB. QSL via OH2BH. [TNX OH2BN]

QSL 5B4AHJ & P3J ● MOURX is the new QSL manager for 5B4AHJ and P3J [425DXN 1173]. Older calls (5B50J, 5B/G3PMR, G3PMR and others) still go via 5B4AHJ. [TNX 5B4AHJ]

QSL ZC4LI ● Phil, G3SWH has uploaded to both LoTW and Club Log all the logs that he has been able to find for 5B4/G0LII, 5B4AHA, C4C, G0LII, G7G, G8G, M0ADU, MX0ADU and ZD8LII. Logsearches for these calls are available on www.q3swh.org.uk. The late Steve Hodgson, ZC4LI was not an RSGB member, and paper QSLs are only available direct (by traditional mail or via the OQRS facility on Phil's website). "I am still working on the log for ZC4LI", Phil says, "as it consists of several hundred individual files in a variety of different formats and it is taking a lot of time to convert it to a single format. It should be available in a few weeks time". [TNX G3SWH]

**QSL ZS8C** ● "I have changed the address that the QSL cards get sent to", Carson, ZS8C (ZR6CWI) says on his qrz.com page. The new address is Carson McAfee, P.O. Box 1585, Allens Nek, 1737, Roodepoort, Johannesburg, South Africa. Cards sent to the old address will be processed, and need not to be resubmitted. Carson adds that "cards can also be sent via the SARL OSL Bureau" and that "LoTW will be completed once I return to SA".



**QSL GALLERY** • The large collection of QSL cards on Les Nouvelles DX's web site has been updated. Sixteen different galleries include 11,547 cards for the ten Most Wanted DXCC Entities (2003-12), the 61 deleted DXCC Entities, obsolete prefixes, stations from Maghreb from 1945 to 1962, Allied Forces stations in Germany (1945-69), special stations commemorating ITU and

IARU, Antarctic bases & TAAF (Terres Australes and Antarctiques Francaises), the various French DXCC island Entities in the Pacific Ocean, the Indian Ocean and the Americas (from 1945 to 1970), pre-1945 countries, French Departments and CONUS, plus a gallery for cards not accepted by DXCC. Your participation is encouraged - please visit www.LesNouvellesdx.fr [TNX F6AJA]



**THE BIG PICTURE...** • "The Big Picture of Expedition Operating and the Direct Relationship to Anti-Social Pileup Behavior" is a 43-minute presentation by Rick, K6VVA. It "describes the problems and also solutions to the dysfunctional behavior we unfortunately hear in DX & IOTA pileups on the Amateur Radio bands these days". It can be found at <u>http://youtu.be/svLlfrFA-1E</u> [TNX K6VVA]

**VK5CE IOTA ACTIVITY FOR 2014** • "Thoughts are now turning to 2014 activity", Craig VK5CE says. "Basically I should be able to do in 2014 what I have done in 2013 - namely a rare, remote and isolated IOTA by myself (similar to this year's OC-255) and a less rare but still wanted IOTA packaged into a DXpedition/family vacation (similar to this year's OC-261). It all depends on individual and club sponsorship to offset the costs. I'm letting people be involved in the decision making process by inviting

everyone to visit <a href="http://vkiota.blogspot.com.au/">http://vkiota.blogspot.com.au/"</a>

**YW5RYL** ● The 7-10 November activity from Los Roques (SA-035) [425DXN 1173] has been postponed until further notice owing to circumstances beyond the operators' control.



**Z81X** • The 14-28 November Z81X operation from South Sudan [425DXN 1173] will employ DX University's "Best Practices for DXpedition Operating". With the exception for 160 and 80 metres (1826.5 KHz and 3523 KHz), they will not pre-announce their operating frequencies, but will depend on "the modern Internet spotting networks". Near the end of the operation, they will use "a version of e-Pilot" in an effort "to work as many of the 'more deserving, but DX challenged' DXers as possible". Z81X "will also look for conduct that is consistent - or inconsistent - with the 'Best Practices for Courteous and Efficient DXing' presented on the DX University Webpage" (go to www.dxuniversity.com, click on "DXing Tools" and then on "Best Practices" in the drop-down

menu). Be aware that they will "record many segments of the operation in stereo, pileup on one channel, Z81X on the other", and that "selected segments will be uploaded to the DX University website to illustrate certain points". As the activity will be running for two-weeks, SSB operation on the low bands will come during the second weekend. During the CQ WW DX CW Contest there may be as many as three single-band stations activated. QSL via OH0XX (OQRS on Club Log).

#### DXCC NEWS

The following operations have been approved for DXCC credit:

- K9W (Wake Island, 2013 operation)
- T6MH (Afghanistan, 2012 and 2013 operations)
- T6SM (Afghanistan, operations beginning 14 August 2012 to current)
- **ZS8C** and **ZS8Z** (Prince Edward & Marion Islans, current operations for 2013 through May 2014): "two student hams are expected to join in upon completion of their licensing, which will make it four (4) operators", NC1L reports. "I'll update this approval when I have more information".

**DXCC DEADLINE** • The deadline for the 2013 DXCC Annual and Honor Roll listings is approaching. In order to appear in these listings, your submission must be postmarked by 31 December 2013. At present, there are 340 current Entities on the ARRL DXCC List; Honor Roll entry level is 331 current Entities. The listings will be published in the DXCC Yearbook, available on line as part of the Digital version of "QST" for the month of August. Hard copies of the Yearbook can be purchased from DXCC for USD 8.00 (USA) and USD 12.00 (non-USA). Further information can be found on the ARRL's DXCC Blog page (www.arrl.org/dxcc-blog)



**+ SILENT KEYS+** Guenter S. Hamacher, **HP1XX** (ex HP1XVH) passed away on 22 October. He was born in Cologne in 1931, and had quite an eventful, successful and varied life until he emigrated to Contadora Island (NA-072), Panama in 1982. An amateur radio operator for 25 years, he participated in or hosted a large number of contest operations. The last one was HP1WW by OH0XX for the CQ WW DX CW 2012, shortly before Guenter left the island and moved permanently to mainland Panama. He also conducted the Pacific Island Net for twenty years, providing valuable assistance to sailing boats.

Nerio Baratta, **IK4MRH** passed away in late October. Emigrated to Thailand for more than twenty years, he was active as HS0/IK4MRH from Phuket Island (AS-053). Back in 1997 he also participated in the first IOTA operation (HS9AL) from Koh Tarutao (AS-126).

Andrei Stchislenok, **NP3D/EW1AR** (ex UC2AFZ, RC2AR, AA3BG and NC2N) passed away unexpectedly on 4 November at 55 years of age. First licensed in 1980, he operated from several countries, and took successfully part in many major contests. Stew Woodward, **K4SMX**, passed away on 16 November at 65 years of age. "He was a member of the famous 1979 1S1DX expedition, which attempted to land on Amboyna Cay in the Spratly Islands and was fired upon by military forces there" [TNX The Daily DX]







From 425 DX News # 1174

### From 425 DX News # 1176

### From 425 DX News # 1178

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
3B9FR	HB9SLO	ED3X	EA3JW	PI4COM	PA3CAL
3D2AC	WA1S	ED5N	EA5KA	PI4DX	PD1X
3D2FL	AA4FL	ED5T	EA5ELT	PI4M	PAOMBD
3G1B	HA1AG	ED8P	NP30	PI4YLC	PA7DW
3G1D	EA5GL	ED8W	EA8DO	PJ2/NOVD	W3HNK
3G3P	CE3PG	ED9Z	EA5KB	PJ2T	W3HNK
3G3W	XQ4CW	EE3A	EA3ATM	PJ4/K2NG	WA2NHA
3V7A	LX1NO	EE3C	EA3CKX	PJ4X	W1MD
3w2dk	NOODK	EE5T	EA5URT	PJ6A	N4NX
3z2x	SP2YWL	EF7K	EA7URA	PJ7PL	WA1ZAM
4L0A	EA7FTR	EF8S	OH2BYS	PR0F	PP5VB
418A	K1BV	EF8U	EA8URL	PR5C	PU5SVE
4M5W	IT9DAA	EI13CLAN	EI6AL	PR5D	PY5DC
407CC	UA4CC	EI1A	PA3249	PS2R	PY2TDX
4x2m	4X4DZ	EI7M	EI6HB	PS2T	K3IRV
5B4AHJ	MOURX	EI8GQB	PA3249	PT2CM	PP2JP
5B4AJC	UA3DX	EK3GM	IK2QPR	PT5J	PP5VB
5B4ALB	RT9T	EM1933L	- UR3LCM	PT9/AL4Q	DJ8QP
5H3EE	DL4ME	EN70GH	UR3GJ	PX2B	PY2LED
5J0R	EA5RM	EP3PK	IK2DUW	PX2C	MOOXO
501A	OZ5ESB	ES9C	ES5RY	PX2T	PY2DN
5W1SA	JA1DXA	FM5FJ	KU9C	PX2W	PY2YU
5x1NH	G3RWF	FO4BM	F4FJH	PX5E	PP5VB
5z4T	EA4YK	FO8WBB	N6JA	PYOF/PY3MM	PP5VB
6Y3M	VE3NE	FS/AA4VK	AA4VK	R100RQA	RN1ON
702A	UA3DX	FS/NOTG	AA4VK	RA2FDX	RN3RQ
702R 7P8GF	ZS6AYU	G2F	G8HDK	SJ2W	SM2LIY
8P0P	W3HNK	G2F G5W	G3BJ	SK3W	SM5DJZ
8P2K	KU9C	GJ2A	GJ3DVC	SN1956PW	SP3PGR
8P5A	NN1N	GJ4CBQ	GM4FDM	SN1950FW	SP3CGK
8P6SH	KU9C	GM0B	MMOBHX	SN2B SN2M	SP2XF
8P9NX	W3HNK	GM0B GM2T	GM4UYZ	SO4R	SP4PND
9A1P	9A2RD	GM21 GM2V	N3SL	SP8R	SP8YB
9A5Y	9A7W	GM2 V GM3F	GM4FDM	ST2BSS	ST2M
9A51 9A8DV	IK6VXO		-		-
		GM6NX	GM4UYE	SU8JOTA	SM5AQD
9A8M	9A3JB	GM7A	GM7AAJ	SU9VB	UA4WHX
9A9DX	N2RIT	GW9T	GW6NLP	SW44M	DK2PZ
9H3DS 9H9BKR	GOEVV	GZ5Y	GM4SSA	SW5CC	MOOXO
	9H1SP	H2T HDOD	5B4XF	SW8YY	DH7WW
9L1BTB	SP5BTB	HBOA	HBOFL	SX1DX	SV1JG
9L1DT	N4WDT	HB300K	HB90CR	SX2I	SV2JAO
9M2SM	9M2GET	нв9н	HB9CXZ	SX2V	SV2GJV
9M2TO	JAODMV	HB9S	HB9AOF	SX5P	SV5FRD
9M4CPD	9W2PD	HC2AO	RC5A	T30FL	AA4FL
9M4DX	JA6IDJ	HF9Q	SP9QMP	T46A	EA5GL
9M6XR0	MOURX	HG6N	HA6KNB	T48K	DK1WI
9V1YC	W5UE	HG7T	HA7TM	T6EC	KF7WNX
9X0ZM	JOICRA	HI3/NP3J	EA5GL	T 6MH	W2GR
9Y4W	DL4MDO	HI3K	KB2MS	T6TM	NI5DX
A60A	IZ8CLM	HK1NA	K6IPM	T88AZ	JN2AMD
A60JOTA	IZ8CLM	HR2WW	KD4POJ	T8TT	JA1WSX
A61DJ	IZ8CLM	HS4SSP	HS4RAY	TC90A	TA1HZ
A61ZX	IZ8CLM	HZ1MOP	HZ1HN	TC90TC	TA1HZ
A65BP	UA6MF	HZ1PS	IZ8CLM	TF3CW	LX1NO
А71ВО	A71A	HZ1SBS	HZ1HN	TF3W	TF3MHN

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
A71BX	EA7FTR	HZ1XB	IZ8CLM	TG9NX	N4FKZ
A73A	A71A	IAOMZ	IW0EFA	TI5W	N3YIM
A91ACC	IZ8CLM	IF9A	IT9ATF	TI8M	TI2KAC
A92AA	IZ8CLM	IG9R	IK8HCG	TM16C	F4DSE
A9210	EI3IO	IG9Y	ON4LG	TM1A	F6KOP
AHOBT	7L1FPU	IH9/IV3NVN	IK2ILH	TM1T	F5TRO
AH0K	OH6GDX	IH9B	IK2ILH	TM2T	F8DHE
AH2R	JH7QXJ	II8IDXC	IZ8EDJ	TM4L	F8ARK
AL1G	AC7DX	II9K	ІТ9НВТ	тм6м	F4DXW
AP2IN	IK2DUW	II9P	IT9CHU	TM9R	F6KNB
AY5F	LU5FC	IO4C	IZ4DPV	TO1A	F5HRY
AY8A	LU8ADX	1050	IK5RLP	TO5A	F5VHJ
B3C	BA4EG	IR4M	I4IFL	TR8CA	F6CBC
B4S	BA4EG	IR5A	IK5AFJ	TX5RV	MOURX
B9/BY9GA	BA1DU	IR8C	IZ8TDP	TZ6BB	W3HNK
BYOAA	BA4EG	IR9W	IWOHBY	UN7AB	DL8KAC
BY5CD	BD4HF	J3A	WA1S	UN7JX	RW6HS
C37NL	C37URA	J45P0	ON4PO	UPOL	DL8KAC
C4A	5B4KH	J47X	SV7BVM	UP2L	UA9AB
C5S	ON5EG	J79WTA	HB9MFM	UP9L	RW6HS
C6ARW	NOHJZ	JD1BOI	JI1LET	V26B	KA2AEV
C6ASP	W6KW	JT50SSB	UA3ABR	V26BZR	W2BZR
C6AZZ	KQ8Z	JW7QIA	la7qia	V26RA	K3RA
C91GBA	EA4GBA	JY4CI	K2AX	V26Y	HB90CR
CE1TT	EA5KB	JY9FC	E73Y	V3A	MOOXO
CE3CT	EA5KB	K5R	AE5JG	V73NS	W3HNK
СЈЗТ	VE3AT	KH2RU/KP4	NP30	VC3R	VE7VR
CN2AA	UA2FM	KH7CW	K2WR	VE2DXY	KD3RF
CN2FA	RN2FA	KL5E	NI5DX	VE2IM	VE3DZ
CN2FB	UA2FM	KL7KY	S56ZZZ	VE9AA	VE3IKV
CN2PM	UA2FM	KP2DX	EB7DX	VK0JJJ	к7со
CN2R	W7EJ	KP2M	AI4U	VK7FLI	VK7AN
CN2TX	UA2FM	KP3Z	N4AO	VP2ETE	W3HNK
CN3A	IV3ZXQ	KP4BD	NP30	VP2MDG	K2DM
COOSS	EA5GL	LP1H	EA5KB	VP2MXA	KK6ZM
CO4SM	EA7FTR	LR3M	LU3MAM	VP2MXX	K1ZM
COGLE	EA5GL	LUSYE	IK2DUW	VP5DX	NU4Y
CQ3L	DJ6QT	LX8M	LX1ER	VP5T	WA3RHW M1AYI
CQ7A CQ9T	CT1DSV CT3KN	LZ9W M4A	LZ1PM MOBLF	VP8DNY VP9I	WW3S
			-	WA5PS/KH0	JK1FNL
CR2T CR2X	CU2AF OH2BH	MD2C MZ8A	MD0CCE DJ6AU	XE2B	EA5OL
CR3A	EA5GL	NA80/KH0	JK1FNL	XR6T	CE3FED
CR5T	CS5ARC	NH7A	F5VHJ	XV5HS	EA5ZD
CR51 CR6K	CT1ILT	NH7A NH7O	EA5GL	XV9NPS	JA2NPS [b]
CS2P	CT1ARR	NL8F	K8NA	XV9NPS XV9NPS	JA20DB [d]
CV5D	CX2ABC	NP4G	NP30	XWOYJY	E21EIC
CWOA	HB9IBG	OA4SS	KB6J	XX90	XX9AU
CW3A	EA5GL	OA433 OA6Q	OE3NHW	YBOAI/7	YBOAI
CW5W	CX6VM	OD5ZZ	NI5DX	YB9Y	YB1GJS
CX3ACS	EA4EUW	OE8Q	OE8SKQ	YE2R	EA7FTR
CX7C0	EA5GL	OH0CO	SM6CCO	YF1AR/7	N200
CX9AU	EA5GL	онох	OH2TA	YJORK	NR6M
D3AA	UA1QV	OHOZ	WOMM	<u>ҮМЗКМ</u>	ТАЗХ
D44TXT	DL7AFS	OH5Z	OH5LIZ	YN2AA	NN3W
D44TYL	YL2GM	OH8X	OH2UA	YN5Z	K7ZO
D4C	IZ4DPV	OK5W	OK1AEZ	YPOC	YO3CZW
DM1813LEI	DL5FU	OK7K	OK1BN	YP10KQT	YO2KQT
DX1J	JA1HGY	0K70	bureau	YP9L	YO9GJY
DX1M	DU1BP	OM4C	OM6CI	Z60A	OH2BH
E2E	HSOZFZ	OM5M	OM4CX	Z68BH	ОН2ВН
E51AAR	K7AR	OM7M	OM3PA	ZD8JR	OH3JR
				ZF2AH	W6VNR
E51USA	E51CG	OM8A	OM2VL	AF ZAII	WOVINE
	E51CG K2PF	OM8A OX3XR	PA3249	ZF2KG	KG9N

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
EA100EAF	EA5HVH	P29LL	EA7FTR	ZM1G	NI5DX
EA100EAP	EA5HVH	P29N0	EA5GL	ZM4M	ZL4PW
EA100EAS	EA5HVH	P33W	UA3DX	ZM4T	ZL2AL
EA6/G4MKP	MOURX	P39P	5B4ES	ZM90DX	MOOXO
EA8EW	OH1MA	P3J	MOURX	ZP5CGL	IK2DUW
EA9KB	EA7FTR	P3N	RW3RN	ZP9MCE	EA5ZD
ED1R	EC1KR	P40P	W5AJ	ZR9C	ZS6WN
ED1T	EC1DBO	P49Y	AE6Y	ZS8Z	ZS1HF
ED1WW	EA1FCR	PC73X	PC1EMR	ZW5B	K3IRV

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
3D2KV	DL6KVA	FW5JJ	F5RXL	SN6400KA	SP5KVW
3d2pt	PY2PT	GB8BAF	MODXT	T30PT	PY2PT
3w2txr	JA2TXR	H44MS	DL2GAC	T33A	W2IJ
4L6QC	LZ1OT	HA150GG	ha6fQ	T6JP	N4GNR
5H3CJ	SM6CPY	HA40QRP	HA6NL	т88јн	JR3QFB
5H3JJ	HB9EYP	HC2IMP	IK2DUW	T880N	JAJJND
5н3тк	ЈНОСЈН	HS0ZKX	W2EN	TA4/KP2I	DL9USA
5N4EAM	IK2IQD	HV0A	IKOFVC	TJ3AY	F5LGE
5R8IC	F6ICX	J28NC	F5RQQ	TO2R	F5UOW
5T0JL	ON8RA	J87GU	DL7VOG	UP44WFF	UN6QC
5W7X	JF10CQ	J88HL	SP3CYY	V26MN	DF8AN
5X1XA	G3SWH	JD1BON	JA1UII	V31MA	MOOXO
6Y5CN	N1QAE	JD1YBT	JP1IOF	V44KAI	W5TFW
7T9A	7X2ARA	JW8HGA	LA8HGA	V47JA	W5JON
7Z1BL	IZ8CLM	JY4NE	K3IRV	VP2MMN	DF8AN
7Z1HL	DJ9ZB	JY5MM	IK2DUW	W8A	ZL3CW
9H3GK	DD1AY 1	K9W	AA4NN	XE2JS	AD6D
9Ј2ВО	G3TEV	KH6/N9YU	YT1AD	XF1P	XE2HUQ
9K2/SP4R	SP7DQR	KH6ZM	IOWMI	XR0YY	EB7DX
9N7BM	JA8BMK	KP4AO	W3HNK	XR0ZR	IV3DSH
9N7NZ	JA6GWX	LX7I	LX2A	XV2CNH	JA6CNH
AH0BV	JR3SZZ	LX9DX	LX2A	XV2NHL	JA3NHL
BM13JIDX	BM2JCC	NL7G	RW6HS	XV2QGF	JA6QGF
С5ҮК	ON6EG	OD5PY	KU9C	XV2V40J	<b>JF1HJZ</b>
CEOYHO	EB7DX	OD5QB	YO3FRI	XV3NF	<b>JA8NF</b>
CN2OS	PD0JOS	OD5YY	KK40K	YB8V	YB9BU
CP6/AL4Q	DJ8QP	OQ4CLM	ONJAIM	YE5R	YB4IR
CW90A	CX2ABC	OZ/KH6DXX	DF3XX	YF1AR/4	N200
D44TPA	CT1EHX 3	PA200NL	PA3CAL	YJOAU	JA2ATE
D44TWQ	G4IRN	PG200NL	PAOFAW	YJ0CJ	JA2ATE
DM50IOTA	DL2VFR	PYOFF	W9VA	YJOTE	JA2ATE
E6AA	JA8VE	R100MFF	RN4ABD	YJOZS	JA2ZS
E6AK	JA1KJW	R7QA	RW6HS	Z320T	DJOLZ
E6AY	JA1JQY	R7QB	RW6HS	Z81B	IZOEGA
EA6/S53R	K2PF	S506PMC	S59DCD	Z81D	OM3JW
EM70U	UT7UU	S506SLG	S59DCD	ZF2LC	W2SM
EN70KYIV	UT4UP	S79WDX	IOWDX	ZP#/AL4Q	DJ8QP
ES4CASTLE	ES4RM	SE70AA	SK5AA	ZV2K	PY2SHF
FK8RO	F5IRO	SN21RN	SP3PGR	ZW8T	PS8HF
CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
3B8/UU5WW	K2PF	EF5F	EA5FV	PJ2T	W3HNK
200 70	CM6 TBC	EE00	D TIOT	DTA /WIIOF	VADAT

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
3B8/UU5WW	K2PF	EF5F	EA5FV	PJ2T	W3HNK
3B8JB	SM6JBC	EF8O	DJ1OJ	PJ4/KU8E	K4BAI
3D2AD	YT1AD	EF8S	OH2BYS	PJ4A	K4BAI
3D2FW	RZ3FW	EF8X	W2GR	PJ4Q	W4PA
3d2nw	RW4NW	EF9O	EA5BM	PJ7TM	K2GSJ
3D2OV	WD5COV	EG5ERC	EA7HBC	PJ7W	W2LK
3d2r	YT1AD	EG7NVG	EA7URI	PR5B	6K5YPD
3DA0ET	N7RO	EH5CA	EA5URL	PS2T	K3IRV
3V8BB	LX1NO	EI13CLAN	EI6AL	PT2CM	PP2JP
3W1T	RW6HS	EI1Y	EI5JQ	PX1M	PY1MK
4A2I	XE2I	EI7M	EI6HB	PX2B	PY2LED

CALL         MANA           4K7Z         RU3S           4L0A         EA7F           4L10N         EA7F           4L10N         EA7F           4L50         N3SL           4L8A         K1BV           4U0WFP         S57D           4X2M         4X4D           5B4AJC         UA3D           5B4AJZ         MOUR           5B4AJS         MOUR           5V7TH         ON6D           5W0FW         RZ3F           5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           6O0LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H           9H3TX         DL5X	SD     Image: SD       SD     Image: SD       TR     Image: SD       TR     Image: SD       Image: SD     Image: SD <th>CALL EL2DT EM1933L EP3PK ER4DX ES9C FJ/VA3RA FM/KL7WA FS/WJ2O G3V G3V G3Y G3Y G3Y G3Y G3Y G3Y G3Y G3Y G3Y G3Y</th> <th>MANAGER EL2FM UR3LCM IK2DUW RA4LW ES5RY VE3IKV UT5UGR M2ZN G3VER G3VER G3YBY G3BJ MODXR GM3POI N3SL GM3POI N3SL GM4FDM MOXXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU</th> <th>CALL PX2C PX2W RUOLL S21ZBB S21ZBC SE2I SJ2W SK3W SN2M SO4M SP8R SP9YFF/p SU9AF SU9VB SV5/SM8C SX8M T30KN T30KN T30KN T30TS T32TM T33FL T33FL T33PT T22X</th> <th>MANAGER MOOXO PY2YU IK2DUW IK2VUC SA2BRN SM2LIY SM5DJZ SP2XF SP4MPG SP8YB SP9WAN UA3DX UA4WHX SM0CMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT</th>	CALL EL2DT EM1933L EP3PK ER4DX ES9C FJ/VA3RA FM/KL7WA FS/WJ2O G3V G3V G3Y G3Y G3Y G3Y G3Y G3Y G3Y G3Y G3Y G3Y	MANAGER EL2FM UR3LCM IK2DUW RA4LW ES5RY VE3IKV UT5UGR M2ZN G3VER G3VER G3YBY G3BJ MODXR GM3POI N3SL GM3POI N3SL GM4FDM MOXXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	CALL PX2C PX2W RUOLL S21ZBB S21ZBC SE2I SJ2W SK3W SN2M SO4M SP8R SP9YFF/p SU9AF SU9VB SV5/SM8C SX8M T30KN T30KN T30KN T30TS T32TM T33FL T33FL T33PT T22X	MANAGER MOOXO PY2YU IK2DUW IK2VUC SA2BRN SM2LIY SM5DJZ SP2XF SP4MPG SP8YB SP9WAN UA3DX UA4WHX SM0CMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
4L0A         EA7F           4L1UN         EA7F           4L1UN         EA7F           4L1SO         N3SL           4L8A         K1BV           4U0WFP         S57D           4X2M         4X4D           5B4AJC         UA3D           5B4AJX         MOUR           5B4AJX         MOUR           5B4AJX         MOUR           5B4AJS         MOUR           5C5T         EA5Y           5H3EE         DL4M           5V7TH         ON6D           5W0FW         RZ3F           5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	TTR TR	EM1933L EP3PK ER4DX ES9C FJ/VA3RA FM/KL7WA FS/WJ2O G3V G3V G3Y G5W G9W GM3X GM5X GM5X GM5X GM5R GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	UR3LCM IK2DUW RA4LW ES5RY VE3IKV UT5UGR N2ZN G3VER G3YBY G3BJ MODXR GM3POI N3SL GM3POI N3SL GW3YDX GM4FDM MOXXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	PX2W RUOLL S21ZBB S21ZBC SE2I SJ2W SK3W SN2M SO4M SO4M SP8R SP9YFF/p SU9AF SU9VB SV5/SM8C SX8M T30KN T30KV T30TS T32TM T33FL T33FL T33FL	PY2YU IK2DUW IK2VUC SA2BRN SM2LIY SM5DJZ SP2XF SP4MPG SP8YB SP9WAN UA3DX UA4WHX SM0CMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
4L1UN         EA7F           4L50         N3SL           4L8A         K1BV           4U0WFP         S57D           4X2M         4X4D           5B4AJC         UA3D           5B4AJC         UA3D           5B4AJC         UA3D           5B4AJC         UA3D           5B4AJC         UA3D           5B4AJS         MOUR           5B4ALB         RT9T           5C5T         EA5Y           5H3EE         DL4M           5V7TH         ON6D           5W0FW         RZ3F           5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	TTR	EP3PK ER4DX ES9C FJ/VA3RA FM/KL7WA FS/WJ2O G3V G3V G3Y G3Y G5W G9W GM3X GM5X GM5X GM5X GM5R GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	IK2DUWRA4LWES5RYVE3IKVUT5UGRN2ZNG3VERG3YBYG3BJMODXRGM3POIN3SLGW3YDXGM4FDMMOXXAHB9FMUN0ATVE3DZR4WAAVE3DZSP9QMPHA3NU	RUOLL S21ZBB S21ZBC SE2I SJ2W SK3W SN2M SO4M SO4M SP8R SP9YFF/p SU9AF SU9VB SV5/SM8C SX8M T30KN T30KN T30KV T30TS T32TM T33FL T33FL T33FL	IK2DUW IK2VUC SA2BRN SM2LIY SM5DJZ SP2XF SP4MPG SP8YB SP9WAN UA3DX UA4WHX SM0CMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
4L50         N3SL           4L8A         K1BV           4U0WFP         S57D           4X2M         4X4D           5B4AJC         UA3D           5B4AJC         UA3D           5B4AJC         UA3D           5B4AJC         UA3D           5B4AJC         UA3D           5B4AJS         MOUR           5B4ALB         RT9T           5C5T         EA5Y           5H3EE         DL4M           5V7TH         ON6D           5W0FW         RZ3F           5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	J     J       J <td>ER4DX ES9C FJ/VA3RA FM/KL7WA FS/WJ2O G3V G3Y G3Y G3Y G3Y G3Y GM3X GM5X GM5X GM5R GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R</td> <td>RA4LW ES5RY VE3IKV UT5UGR N2ZN G3VER G3YBY G3BJ MODXR GM3POI N3SL GM3POI N3SL GW3YDX GM4FDM MOXXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU</td> <td>S21ZBB S21ZBC SE2I SJ2W SK3W SN2M SO4M SO4M SP8R SP9YFF/p SU9AF SU9VB SV5/SM8C SX8M T30KN T30KN T30KV T30TS T32TM T33FL T33FL T33FL</td> <td>IK2VUC IK2VUC SA2BRN SM2LIY SM5DJZ SP2XF SP4MPG SP8YB SP9WAN UA3DX UA4WHX SM0CMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT</td>	ER4DX ES9C FJ/VA3RA FM/KL7WA FS/WJ2O G3V G3Y G3Y G3Y G3Y G3Y GM3X GM5X GM5X GM5R GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	RA4LW ES5RY VE3IKV UT5UGR N2ZN G3VER G3YBY G3BJ MODXR GM3POI N3SL GM3POI N3SL GW3YDX GM4FDM MOXXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	S21ZBB S21ZBC SE2I SJ2W SK3W SN2M SO4M SO4M SP8R SP9YFF/p SU9AF SU9VB SV5/SM8C SX8M T30KN T30KN T30KV T30TS T32TM T33FL T33FL T33FL	IK2VUC IK2VUC SA2BRN SM2LIY SM5DJZ SP2XF SP4MPG SP8YB SP9WAN UA3DX UA4WHX SM0CMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
4L8A         K1BV           4U0WFP         S57D           4X2M         4X4D           5B4AJC         UA3D           5B4AJC         UA3D           5B4AJC         UA3D           5B4AJX         MOUR           5B4AJS         MOUR           5B4AJS         MOUR           5B4ALB         RT9T           5C5T         EA5Y           5H3EE         DL4M           5V7TH         ON6D           5W0FW         RZ3F           5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         N15D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	7     7       52     52       52     52       52     52       52     52       52     52       52     52       52     52       70     62       70     62       70     70       70     70       70     70       70     70       70     70	ES9C FJ/VA3RA FM/KL7WA FS/WJ2O G3V G3Y G3Y G3Y G9W GM3X GM5X GM5X GM5R GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	ES5RY VE3IKV UT5UGR N2ZN G3VER G3YBY G3BJ M0DXR GM3POI N3SL GM3POI M0XXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	S21ZBC SE2I SJ2W SK3W SN2M SO4M SP8R SP9YFF/p SU9AF SU9VB SV5/SM8C SX8M T30KN T30KN T30KV T30TS T32TM T33FL T33FL T33FL	IK2VUC SA2BRN SM2LIY SM5DJZ SP2XF SP4MPG SP8YB SP9WAN UA3DX UA4WHX SM0CMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
4U0WFP         S57D           4X2M         4X4D           5B4AJC         UA3D           5B4AJC         UA3D           5B4AJC         UA3D           5B4AJC         UA3D           5B4AJS         MOUR           5B4ALB         RT9T           5C5T         EA5Y           5H3EE         DL4M           5V7TH         ON6D           5W0FW         RZ3F           5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	DX   DZ     DZ   DZ     DZ   DZ     DX   DZ     TW   DZ     TW   DZ     DXA   DZ	FJ/VA3RA FM/KL7WA FS/WJ2O G3V G3Y G3Y G5W G9W GM3X GM5X GM5X GM5R GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	VE3IKV UT5UGR N2ZN G3VER G3YBY G3BJ M0DXR GM3POI N3SL GM3POI M0XXA GM4FDM M0XXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	SE2I SJ2W SK3W SN2M SO4M SP8R SP9YFF/p SU9AF SU9VB SV5/SM8C SX8M T30KN T30KN T30KV T30TS T32TM T33FL T33FL T33FL	SA2BRN SM2LIY SM5DJZ SP2XF SP4MPG SP8YB SP9WAN UA3DX UA4WHX SM0CMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
4X2M         4X4D           5B4AJC         UA3D           5B4AJX         MOUR           5B4ALB         RT9T           5C5T         EA5Y           5H3EE         DL4M           5V7TH         ON6D           5W0FW         RZ3F           5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	DZ     DZ       DX     DX       DX     DX       TU     DX       TW     DX       TW     DX       DXA     DX	FM/KL7WA FS/WJ2O G3V G3V G3Y G5W G9W GM3X GM5X GM5X GW5R GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	UT5UGR N2ZN G3VER G3YBY G3BJ M0DXR GM3POI N3SL GM3POI M0XXA GM4FDM M0XXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	SJ2W SK3W SN2M SO4M SP8R SP9YFF/p SU9AF SU9VB SV5/SM8C SX8M T30KN T30KN T30KV T30TS T32TM T33FL T33FL T33FL	SM2LIY SM5DJZ SP2XF SP4MPG SP8YB SP9WAN UA3DX UA4WHX SM0CMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
5B4AJC         UA3D           5B4AJX         MOUR           5B4ALB         RT9T           5C5T         EA5Y           5H3EE         DL4M           5V7TH         ON6D           5W0FW         RZ3F           5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	XX   XX     XX   XX     YU   XX     YW   XX     YW   XX     XA   XX     XA   XX     XA   XX     XX   XX	FS/WJ2O         G3V         G3Y         G5W         G9W         GM3X         GM5X         GW5R         GZ3F         HA5X         HB9CA         HC1WDT         HC2TDZ         HC2TWA         HD2T         HF9Q         HG3R	N2ZN G3VER G3YBY G3BJ M0DXR GM3POI N3SL GM3POI M3SL GM4FDM M0XXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	SK3W SN2M SO4M SP8R SP9YFF/p SU9AF SU9VB SV5/SM8C SX8M T30KN T30KN T30KV T30TS T32TM T33FL T33FL T33FL	SM5DJZ SP2XF SP4MPG SP8YB SP9WAN UA3DX UA4WHX SM0CMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
5B4AJX         MOUR           5B4ALB         RT9T           5C5T         EA5Y           5H3EE         DL4M           5V7TH         ON6D           5W0FW         RZ3F           5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9H30G         DL4H	XX IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	G3V G3Y G5W G9W GM3X GM5X GW5R GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	G3VER G3YBY G3BJ M0DXR GM3POI N3SL GW3YDX GM4FDM M0XXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	SN2M SO4M SP8R SP9YFF/p SU9AF SU9VB SV5/SM8C SX8M T30KN T30KN T30KV T30TS T32TM T33FL T33FL T33FL T33PT	SP2XF SP4MPG SP8YB SP9WAN UA3DX UA4WHX SM0CMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
5C5T         EA5Y           5H3EE         DL4M           5V7TH         ON6D           5W0FW         RZ3F           5W0FW         RZ3F           5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9H30G         DL4H	TE     IE       DX     IM       W     IM       COV     IM       DXA     IM       DXA     IM       SW     IM       SHA     IM       DXX     IM       IMA     I	G5W G9W GM3X GM5X GW5R GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	G3BJ M0DXR GM3POI N3SL GW3YDX GM4FDM M0XXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	SP8R SP9YFF/p SU9AF SU9VB SV5/SM8C SX8M T30KN T30KN T30KV T30TS T32TM T33FL T33FL T33KV T33PT	SP8YB SP9WAN UA3DX UA4WHX SMOCMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
5C5T         EA5Y           5H3EE         DL4M           5V7TH         ON6D           5W0FW         RZ3F           5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	TE     IE       DX     IM       W     IM       COV     IM       DXA     IM       DXA     IM       SW     IM       SHA     IM       DXX     IM       IMA     I	G5W G9W GM3X GM5X GW5R GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	G3BJ M0DXR GM3POI N3SL GW3YDX GM4FDM M0XXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	SP8R SP9YFF/p SU9AF SU9VB SV5/SM8C SX8M T30KN T30KN T30KV T30TS T32TM T33FL T33FL T33KV T33PT	SP8YB SP9WAN UA3DX UA4WHX SMOCMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
5V7TH         ON6D           5W0FW         RZ3F           5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         N15D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	X   Image: Constraint of the second	GM3X GM5X GW5R GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	GM3POI N3SL GW3YDX GM4FDM M0XXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	SU9AF           SU9VB           SV5/SM8C           SX8M           T30KN           T30KV           T30TS           T33FL           T33KV           T33PT	UA3DX UA4WHX SMOCMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
5W0FW         RZ3F           5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9H30G         DL4H	W       IW       IW       IW       IN	GM5X GW5R GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	N3SL GW3YDX GM4FDM M0XXA HB9FMU N0AT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	SU9VB           SV5/SM8C           SX8M           T30KN           T30KV           T30TS           T32TM           T33FL           T33KV           T33PT	UA4WHX SMOCMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
5W0NW         RW4N           5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	IW COV	GW5R GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	GW3YDX GM4FDM MOXXA HB9FMU NOAT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	SV5/SM8C SX8M T30KN T30KV T30TS T32TM T33FL T33FL T33KV T33PT	SM0CMH SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
5W0OV         WD5C           5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	COV	GZ3F HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	GM4FDM MOXXA HB9FMU NOAT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	SX8M           T30KN           T30KV           T30TS           T32TM           T33FL           T33KV           T33PT	SV1JG JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
5W1SA         JA1D           5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	XA A A A A A A A A A A A A A A A A A A	HA5X HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	MOXXA HB9FMU NOAT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	T30KN T30KV T30TS T32TM T33FL T33FL T33KV T33PT	JA1FUF DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
5W7A         YT1A           5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	D SHA SA	HB9CA HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	HB9FMU NOAT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	T30KV T30TS T32TM T33FL T33KV T33PT	DL6KVA JF1CCH K8NA AA4FL DL6KVA PY2PT
5W8A         ZL3C           600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	W SHA	HC1WDT HC2TDZ HC2TWA HD2T HF9Q HG3R	NOAT VE3DZ R4WAA VE3DZ SP9QMP HA3NU	T30TS T32TM T33FL T33KV T33PT	JF1CCH K8NA AA4FL DL6KVA PY2PT
600LA         LA4G           6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	HA DX	HC2TDZ HC2TWA HD2T HF9Q HG3R	VE3DZ R4WAA VE3DZ SP9QMP HA3NU	T32TM T33FL T33KV T33PT	K8NA AA4FL DL6KVA PY2PT
6Y7W         UA8D           7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	X VX	HC2TWA HD2T HF9Q HG3R	R4WAA VE3DZ SP9QMP HA3NU	T33FL T33KV T33PT	AA4FL DL6KVA PY2PT
7Z1TT         NI5D           8P5A         NN1N           9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	X I A A A A A A A A A A A A A A A A A A	HD2T HF9Q HG3R	VE3DZ SP9QMP HA3NU	T33KV T33PT	DL6KVA PY2PT
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9A3B         9A1A           9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	A IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	HG3R	SP9QMP HA3NU		
9A5Y         9A7W           9A8M         9A3J           9H30G         DL4H	I IB			m2 235	
9A8M 9A3J 9H3OG DL4H	в	HG6N		T33X	N1EMC
9H3OG DL4H			HA6KNB	T40BS	CO2WL
		HG7T	на7тм	т43т	CO3IT
00307	lG	HI3/IK2GNW	I2YSB	T6JR	ON4JM
9H3TX DL5X	TAT	HI3A	ON4IQ	T6RH	NI5DX
9H3YQ DJ7P	PR .	HK1MK	DL6IAK	<b>T6T</b>	RW6HS
9J3A S57S	5	HK1NA	K6IPM	TCOA	LZ1NK
9L1A 9A2A	A	HK6K	EA5KB	TF3CW	LX1NO
9M2SM 9M2G	ET	HSOZAR	K3ZO	TF3W	tf3mhn
9M2TO JAOD	MV	HSOZJF/8	ON4AFU	TG7/HR2DMR	KD4POJ
9M4DX JA6I	DJ	HSOZJS	нв9рнј	TJ3SN	IZ1BZV
9M4JIJ 9W2B	BUG	IG9W	IZ1GAR	TM0R	F5GGL
9M6/NR1J JF1S	JT	IH9/IV3IYH	IK2ILH	TM1A	F6KOP
9M6NA JE1J		ІН9В	IK2ILH	TM2Y	F6BEE
9M8DX SP5U		II1A	IK1SPR	TM4Q	F6FYA
9M8YY JR3W		II1RT	IZ8DSS	TM5CD	F8KGS
9X0NH G3RW		II9P	IT9CHU	тм6м	F4DXW
9X0XA G3SW		1050	IK5RLP	TM6X	F5VHY
9Y4W DL4M		IR4M	I4IFL	TM8AB	F5KBM
A4100 NI5D		IR9Y	IT9ABY	T07A	UT5UGR
A61DD EA7H		J34J	JA1HGY	TU5AX	F4WBN
A65BP UA6M		J73A	KU9C	TU5JD	IK2IQD
A65CA RV6A		J75KG	K5KG	TU5NK	DJ8NK
A71BX EA7F		J79MP	VO1MP	TU5XV	F6EXV
A71EM EA7F		J79WI	WI9WI	TX8B	FK8DD
A92IO EI3I		J79WTA	HB9MFM	UA2FL	RN3RQ
A93LT IZ8C		JT5DX	JT1CO	UP2L	UA9AB
AHOBT 7L1F		JY9FC	E73Y	V25A	KG2A
AHOJ JAIN		K2QXI/KH0	JJ2QXI	V26K	AA3B
AHOK OH6G AH0S/KH2 JH1D		K4D	KP4TC	V31YB	K7YB
		KH2L KH6LC	W3HNK WA6WPG	V31ZM V47NT	M0OXO W2RQ
	-	кногс		V47N1 V47T	W2RQ W2RQ
AL1G AC7D AU2JCB VU2D		КН7ХХ КН7Ү	EB7DX EA5GL	V49J	W2RQ W5JON
B4TB BA4T		KH8/N7AFW	RZ3FW	V63DX	JA7HMZ
		KH8/N/AFW KH8/N9YU	YT1AD	V63DX V63ZF	JA7ZF
BU2AW JN3T BV0CSC BV7F		KH87N910 KL7KY	S56ZZZ	V632F	JA72F JA7HMZ
BYICW BAIG		KL7KI KL7SB	NI5DX	VB7A	VA7DZ
			NISDX NP30	VE7A VC2R	VA7DZ VE2IM
BY5CD BD4H C31CT EA30		KP2B KP2M	AI4U	VK0GB	F5PFP
C31CT EA3Q C4W 5B4W		LA190B	LA1B	VK0GB VK0JJJ	K7CO
C4W 5B4W C4Z G3SW		LAI90B	LAIB LA9VDA	VK2013TDF	M0OXO

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
C6AKQ	N4BP	LO4D	LW1DTZ	VK4EI/p	NR6M
C6AQQ	ND3F	LP5D	AC7DX	VK4LI/P VK6LW	VK6IR
C6ARU	N4UM	LT1F	AC7DX	VP2ETE	W3HNK
	K4RUM	LZ5K	LZ1RAY	VP2MMM	W3HNK
C6AUM C6AZZ	-	LZ5R LZ5R		-	NR6M
	KQ8Z		LZ1YQ	VP2V/N3DXX	W5CW
CE1/K7CA	NW70	M3W	G4FAL	VP5CW	
CE1CA	EA5GL	MJOAWR	K2WR	VP8DBR	GOSWC
CE3CT	EA5KB	MZ5B	G3TXF	VP8DNY	MIAYI
CJ3T	VE3AT	MZ8A	DJ6AU	VP9I	WW3S
CM2CCA	EA7TV	N4D	KP4TC	VU7AG	W4VKU
CN2AA	UA2FM	N5ZO/VE2	OHOXX	W1G	WO4L
CN2CO	RA3CO	N8A	ZL3CW	W4D	KP4TC
CN2FB	UA2FM	NH2B/KH0	JA1BAN	XP2I	OZ1BII
CN2FF	DK4VW [d]	NH2T	W2YC	XR3A	CE3DNP
CN2FF	UA2FF [b]	NP3A	WD8CW	XT26DJ	OK6DJ
CN2PM	UA2FM	NP3CW	EB7DX	XT2FCJ	OK6DJ
CN2R	W7EJ	NP4A	W3HNK	XV2AG	JA4AGA
CN2TX	UA2FM	NP4Z	N4AO	XV2DLH	DK8ZZ
CN2YM	dl3YM	OA4SS	KB6J	XV2RZ	OH4MDY
CN8KD	EA5XX	OC4CW	N7CW	XV2YLK	JQ1YLK
CN8NK	EA5XX	OD70NJ	od5nj	XV9NPS	JA2NPS [b]
CO2IR	EB7DX	OD70QB	od5nj	XV9NPS	JA2ODB [d]
CO7EH	AD4C	OD70YY	od5nj	XZ1J	JH1AJT
CR3E	W3HNK	OE3XMA	OE1DIA	YE2W	YB2YTH
CR3L	DJ6QT	OF40R	OH8DR	YN2CC	AJ9C
CR6K	CT1ILT	ОН/К1НР	JE2EHP	YP9W	YO9WF
CS2C	OK1RF	OHOZ	WOMM	YR1A	YO3JR
CV5D	CX2ABC	OH1F	OH1AF	YR8D	YO8KRR
CW0A HB91	IBG or W4/CX1EK	OH5Z	OH5LIZ	YT3A	YU7AV
CW5W	CX6VM	OH8X	OH2UA	YT6T	YU7CM
CX2BR	EA5GL	OK5T	OK1VSL	YW4D	EA7JX
CX2DK	EA5GL	OK5W	OK1AEZ	Z60WW	ОН2ВН
CX3TQ	IK2DUW	0К70	OK1OUE	Z81R	ОН2ВН
CX7CO	EA5GL	OL1C	OK1ONA	Z81X	OHOXX
D2EB	IZ3ETU	OL7M	OK1YM	Z81Z	K4ZW
D3AA	UA1QV	OM5M	OM4CX	ZD8M	GOCKV
D44TLL	YL2KL	OM7M	OM3PA	ZD8W	W6NV
D44TUE	G3TTC	OQ5M	ON5ZO	ZD8X	OH2KI
D4C	IZ4DPV	OU4X	OZ7AM	ZF1A	K6AM
D70LW	DS4NYE	ov3x	OZ8AE	ZF2BN	W4HET
DU1IST	JA1HGY	P29FR	I2RFJ	ZF2PN	N4PN
DX1J	JA1HGY	P29NO	EA5GL	ZF2RQ	KD8RQE
E2E	HSOZFZ	P33P	5B4ZN	ZF2YA	K5YAA
E73M	E73Y or K2PF	P33W	UA3DX	ZM1A	ZL3CW
E73W	E73Y	P3F	MOURX	ZM4M	ZL4PW
E74A	K2PF	P3N	RW3RN	ZM4T	ZL2AL
E7DX	E77E	P3Z	5B4AFM	ZM90DX	MOOXO
EA6/E73DX	DJ2MX	P40F	UA3DX	ZP9MCE	EA5ZD
EA8AH	OH1RY	P40L	WA3FRP	ZR9C	ZS6WN
EA80M	DJ10J	P40W	N2MM	ZS6JM	ZS2I
EA9KB	EA7FTR	PA6V	PI4KGL	ZS7V	ZS1HF
ED50	EA5URS	PD50JFK	PD5JFK	ZVOFWA	LU8FAU
ED6A	DJ2MX	PJ2/N0YY	W3HNK	zv70	PY7JN
EF2A	EA2AYD	PJ2/W9NJY	WD9DZV	ZX2F	PY2FN
		102/ 40101			







**QSLs received direct or through managers:** 3B8CF, 3B8DB, 3D2MP, 3DA0VB, 3V8SS, 4J3DJ, 4K0VB, 4L0B, 4O/UA3RF/p (EU-163), 4S7YSG, 4X19MG, 5A1AL, 5H3ME, 5N6/YL2SW, 5N7M, 5R8VB, 5U5U, 5X1VB, 5X8EW, 5Z4/EA4ATI, 5Z4/UA4WHX, 6O0LA, 6V7S, 706T, 7Q7VB, 7Z7AB, 8P5A, 8Q7CF, 8R1AK, 9H1SP, 9J2VB, 9M2TO, 9M4CC, 9M6XRO, 9U0VB, 9X0VB, 9X0ZM, A35IP/H (OC-169)



9X0VB, 9X0ZM, A35JP/H (OC-169), A52IVU, C31KC, C37AC, C91VB, CE1/UA4WHX, CE2/UA4WHX, CE2MVF, CE3/UA4WHX, CE6/UA4WHX, CE8/UA4WHX, CN2XN, CO6LC, CP1/UA4WHX, CP2/UA4WHX, CP4BT, CP6/UA4WHX, CQ9D (AF-046), CR6K, CT3FT, CT9/DJ8OG, D20VB, D44TS, D60VB, DS4DRE/4, DU1/JA3FJE, E44PM, E73DPR, E73W, EG3INT/7 (EU-152), EP3SMH, ES5QD, EU1A, EU7A, FO/KH0PR (OC-114), F05QB, G100RSGB, GB1H, GB1T, GW100RSGB, GX4KPT, H44S (OC-285), HB0/DL2SBY, HC8/G80FQ, HL1/VO1AU, IP1T (EU-083), J20VB, JG8NQJ/JD1, JT1DA, JT5DX, JW7QIA, JY4CI, JY9FC, K4L (NA-067), K6VVA/KL7 (NA-050), KG4KL, KG4WV, KL7RRC (NA-059), KT3Q/6 (NA-144), LU/UA4WHX, LY77A, M5B, OA4/UA4WHX, OA7/UA4WHX, OE100HO, OH1NAVY, OJ0R, OP2A, OX/DL3GCS, OY/DL3UB, OY9R, PJ2/DL80BQ, PJ2/DM3HZN, PJ2/G3TXF, PJ4/G3TXF, PJ6A, PZ5RA, R20RRC/0 (AS-062), R20RRC (EU-162), RA2FF, SM5CKV/p (EU-177), ST2VB, SU9VB, SV8/DL7UCX, SV9/SV2FPU (EU-187), T48K, T77LA, T88NC, T8GM, TG9ADM, TK0INT (EU-010), TL0A, TM0SM (EU-081), T02TT, TT8/US3EZ, TT8TT, TU5DF, UA4WHX/CX, UK8ZC, UN5J, UW1ZC/JW, V31RL, V44KAI, V6G, V63PR, V73NS, VK9NI, VP2V/W9DR, VU3RWP, XW0YJY, XW1YC, XZ1Z, YB3MM/p (OC-217), YB8BRI/p (OC-236), YF1AR/9 (OC-275), YN2PX, YW5X (SA-054), Z21LV, Z24EA, ZA/UA4WHX, ZB2CN, ZB2JK, ZD7FT, ZD7LP, ZF2MM.

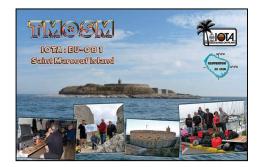




## **ADDRESSES**

4U1ITU	International American Dadie Club, Case neetale ( 1211 Canava 20, Cuitzerland
	International Amateur Radio Club, Case postale 6, 1211 Geneve 20, Switzerland
5A1AL	Abubaker Alzway, P.O. Box 6279, Tripoli, Libya
9A2AA	Tomislav Dugec, P.P.255, HR-21001 Split, Croatia
9Y4D	Christopher Ellis, 388A Charles Court Block 3, Palmiste, San Fernando, Trinidad and Tobago
BV55D	China Radio Association, P.O. Box 117-254, Taipei, Taiwan
DH7WW	Ulrich Moeckel, Muldenstrasse 1, 08304 Schoenheide, Germany
DJ8NK	Jan B. C. Harders, P.O. Box 520410, 22607 Hamburg, Germany
EA5RM	Antonio Gonzales, P.O. Box 930, 03200 Elche (Alicante), Spain
EB7DX	David Lianez Fernandez, P.O. Box 163, 21080 Huelva, Spain
EL2FM	Joe Brown, 10 Oldhams Lane, Bolton, BL1 6PN, United Kingdom
F4WBN	Christian Saint-Arroman, Chemin Mousteguy - Comexa, 64990 Urcuit, France
F5IRO	Freddy Laigu, 23 rue de Verdun, 10800 Saint Julien les Villas, France
F6EXV	Paul Granger, 4 Impasse du Doyen Vizioz, 33400 Talence, France
HH2GB	Gerard L. Jean-Baptiste, 7 Rue Laurier, Delmas 48, Musseau, Port-au-Prince, Haiti
НКЗС	John Bartlett #9129, P.O. Box 25242, Miami FL 33102, USA
HS0ZLM	Finn Jensen, 53/722 Krissadanakom, Chaeng Watthana Road, Amphoe Pak Kret, Nonthaburi, 11120, Thailand
IOWDX	Cesare Casaroli, Via San Michele 1/A, 00046 Grottaferrata RM, Italy
IK2IQD	Flavio Tavecchio, Ufficio Erba, Casella Postale 161, 22036 Erba CO, Italy
IK2VŮC	Giuliano Mondini, Ufficio Busto Arsizio, Casella Postale 10, 21052 Busto Arsizio VA, Italy
IV3DSH	Paolo Del Do, Vicolo Cantarutti 3, 33035 Torreano di Martignacco UD, Italy
JA1FUF	Kazuo Nemoto, 419 Ansai, Narita-shi, Chiba-ken, 286-0803, Japan
JA1HGY	Nao Mashita, 8-2-4-2A Akasaka, Minato-ku, Tokyo, 107-0052, Japan
JA2ATE	Seiji Morishima, 1-8 Tono-machi, Ichinomiya-shi, Aichi-ken, 491-0848, Japan
JA2ZS	Tug Mori, 135-419 Shinden Umemori-cho, Nisshin-shi, Aichi-ken, 470-0132, Japan
JE1JKL	Satoshi Nakamura, 1-27-2 Kamiya, Ushiku-shi, Ibaraki-ken, 300-1216, Japan
JF1CCH	Tatsuhiko Shimizu, 3-3-449 Higashishisui, Shisui-machi, Inba-gun, Chiba-ken, 285-0923, Japan
JH6TYD	Tatsuo Aono, 34-24 Koba-cho, Goto-shi, Nagasaki-ken, 853-0033, Japan
JI1LET	Koji Iijima, 7-12 Tenma, Gyoda-shi, Saitama-ken, 361-0076, Japan

K4ZW	Kenneth J Claerbout, 199 Joshua Rd., Stafford VA 22556, USA
K8NA	Theodore Pauck Jr, 2820 Lenox Drive, Troy MI 48098, USA
K9W	Wake Island DXpedition, P.O. Box 5005, Lake Wylie SC 29710, USA
KP4TC	Pedro J. Otero Hernandez, P.O. Box 1313, Mayaguez PR 00681, USA
LU8FAU	Juan Pablo Martin, Pasco 1531, Piso 2, S2000ECE, Rosario, Argentina
NH2DX	Mariana Islands DX Association, 279 Gardenia Ave, Mangilao GU 96913, USA
N7RO	Richard J. Moen, 2935 Plymouth Dr, Bellingham, WA 98225, USA
OHOXX	Olli Rissanen, Salmelankuja 14, FI-90940 Jaali, Finland
OH2BH	Martti Laine, Savasundintie 4C, FI-02380 Espoo, Finland
OH3JR	Henri Olander, Helavalkeantie 15, FI-13270 Hameenlinna, Finland
OK6DJ	David Beran Dolni Kamenice 55, 345 62 Holysov, Czech Republic
ON4LG	Frederic van Laethem, Boulevard de la Sauveniere 110B, 4000 Liege, Belgium
ON6DX	Wim Hamblok, Waaltjes 8, 3920 Lommel, Belgium
PA3249	Harry de Jong, Broekdijk 59, 7695 TC Bruchterveld, The Netherlands
PU5SVE	Evandro A. Silva, Rua Ferrucio Trivelatto 495, Jardim Paulista, Campo Mourao - PR, 87310-500, Brazil
SP3CYY	Jan Ambrozy, Slaska 12, 63-400 Ostrow Wielkopolski, Poland
SP5BTB	Zbigniew Blechacz, ul. Klwatecka 45F, 26-600 Radom, Poland
T71CE UA3DX	ARRSM Radio Club, Casella Postale 77, 47890 San Marino, Repubblica di San Marino
VK7AN	Nikolay I. Averyanov, P.O. Box 39, pos. Vlasikha, Moskovskaya obl., 143010, Russia Allen Burke, Unit 1-20 Lachlan Parade, Trevallyn TAS 7250, Australia
VYOHL	Larry L Horlick, P.O. Box 1082, Igaluit NU X0A 0H0, Canada
W2IJ	Jay Kobelin, 10628 Grandview Drive, Rancho Cucamonga CA 91701, USA
W4VKU	Krishna Kanakasapapathi, 102 Brook Creek Dr, Cary NC 27519, USA
XE2HUQ	Manuel Palos, Lerdo de Tejada 289 Pte., 23600 Ciudad Constitucion BCS, Mexico
YBOAI	Taufan Prioutomo, Jl Kebon Kelapa No. 6, Tapekong Cidodol, Kebayoran Lama, Jakarta Selatan12220, Indonesia
YBIGJS	Gjellani Joostman Sutama, DFM Radio, #A7 Jalan Mimosa I, Buncit Indah, Jakarta 12510, Indonesia
YB4IR	Imam Raharjo, Jl. Putri Kembang Dadar II No. 14C RT 52, Palembang 30139, Indonesia
YB9BU	Kadek Kariana SP, P.O. Box 106, Singaraja 81100, Indonesia
ZL3CW	Jacky Calvo, 31 Raurenga Avenue, Royal Oak, Auckland 1023, New Zealand
ZS8C	Carson McAfee, PO Box 1585, Allens Neck, 1737, Roodespoort, Johannesburg, South Africa





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