

SB DX @ WW < KB8NW \$OPDX.1379
Ohio/Penn DX Bulletin No. 1379

The Ohio/Penn DX PacketCluster
DX Bulletin No. 1379
BID: \$OPDX.1379
September 3, 2018
Editor Tedd Mirgliotta, KB8NW
Provided by BARF80.ORG (Cleveland, Ohio)
Written/Sent from Strongsville, Ohio

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AB5K & the AR TelNet Clusters Network, N1DG, NJ1Q & W1AW, NG3K & ADXO, W3UR & The Daily DX, K8GI, K8YSE, W8GEX & 60m DX News, W9ILY, 9M2PJU, DE3BWR, DL1SBF, DL7UXG & The DX News Letter, DxCoffee.com, DXNews.com, DX-World.Net, ES1CW, F5NQL, F6AJA & Les Nouvelles DX, I1JQJ/IK1ADH & 425 DX News, I2MQP & DX Italia News, M0OXO, OZ6OM & 50 MHz DX News, PH2M, Sixitalia Weekly, VA3RJ & ICPO and VK5HZ for the following DX information.

DXCC COUNTRY/ENTITY REPORT: According to the AR-Cluster Network for the week of Sunday, 26th-August, through Sunday, 2nd-September there were 213 countries active. Countries available: 3A, 3B8, 3B9, 3D2, 3V, 3W, 4J, 4L, 4O, 4S, 4U1I, 4W, 4X, 5A, 5B, 5R, 5W, 5Z, 6Y, 7X, 8P, 9A, 9G, 9H, 9J, 9K, 9M2, 9M6, 9Q, 9V, 9X, 9Y, A2, A3, A4, A5, A6, A7, A9, AP, BV, BY, C3, C9, CE, CE0Y, CE9, CM, CN, CP, CT, CT3, CU, CX, D2, DL, DU, E4, E5/s, E7, EA, EA6, EA8, EA9, EI, EK, EL, EP, ER, ES, ET, EU, EX, EZ, F, FG, FJ, FK, FM, FO, FO/a, FR, FS, FY, G, GD, GI, GJ, GM, GU, GW, HA, HB, HB0, HC, HH, HI, HK, HK0/a, HL, HP, HR, HS, HV, HZ, I, IS, J3, J6, J7, J8, JA, JD/o, JT, JW, JY, K, KH0, KH2, KH6, KH9, KL, KP2, KP4, LA, LU, LX, LY, LZ, OA, OD, OE, OH, OH0, OK, OM, ON, OX, OY, OZ, P2, PA, PJ2, PJ4, PY, PY0F, PZ, S0, S5, S7, SM, SP, SU, SV, SV5, SV9, T32, T7, T8, TA, TF, TG, TI, TJ, TK, TR, TT, TY, TZ, UA, UA2, UA9, UK, UN, UR, V3, V4, V5, V7, V8, VE, VK, VK0M, VP2E, VP2M, VP8, VP9, VR, VU, XE, XT, XU, XX9, XZ, YA, YB, YI, YL, YN, YO, YU, YV, Z2, Z3, Z6, ZA, ZB, ZD7, ZD8, ZF, ZL, ZP, ZS

* PLEASE NOTE: The report "could" contain "Pirate/SLIM" operations or more likely a "BUSTED CALLSIGN". As always, you never know - "Work First Worry Later".

5E, MOROCCO. Operators Jose/EA1ACP, Gen/EA5EL, Francisco/EA7FTR and David/EB7DX were expected to be active with the special callsign 5E5A during this past weekend, but it was reported that "Due to a strict customs control in Tangier, the Moroccan customs deny their access to the country with their radio equipment" and after a long wait of more than 19 hours the team headed back home.

5W, SAMOA (Also KH8). Operators Hiro/JF1OCQ and Mark/JJ1TBB will be active as 5W7X and 5W0TB, respectively, from Apia, Samoa (OC-097), between October 27th and November 6th. Activity will be on 160-10 meters using CW, SSB and FT8. They plan to make a side trip to American Samoa (KH8) and be active as W1VX/KH8 and KH8C. QSL 5W7X, 5W0TB and W1VX/KH8 via JF1OCQ, direct, by the Bureau or LoTW. QSL KH8C via LoTW only (see QRZ.com).

9H, MALTA. Tev, TA1HZ, will once again be active as 9H3HZ from TaBertu. Activity will be during the CQWW DX SSB Contest (October 27-28th) as a Single-Op entry. The length of his stay is unknown. He will be running 100 watts from Yaesu FT991 rig into a window wire antenna on a portable mast. Tev will also do some FT8 if he has some time. QSL via LoTW (preferred), or direct to his TA address.

A5, BHUTAN. Operators Zorro/JH1AJT, Nao/JN1RVS and Champ/E21EI will once again be active as A5A from Bhutan between September 4-14th. Their main purpose there is to meet with the foreign ministry to continue discussions on the outcome and progress about the collaborative project for youth development program SEISA works for BOC. They will also meet with the officials from the Ministry of Health, the Sports Federations and the

BOC National Olympic Committee. Activity will be on 40-10 meters using CW, SSB and FT8. Look for Zorro to focus on FT8 after the meetings, and Champ to operate on CW and SSB between September 4-7th. QSL via JH1AJT; P.O. Box 8, Oiso, Naka-gun, KANAGAWA 255-0003, Japan. ClubLog's OQRS will be available after Zorro return to Japan.

CQ NEWS (From the CQ Newsroom): Petition (Two) Drive to Save WWV/WWVH - Sept. 15 Deadline -- The National Institute of Standards and Technology (NIST) has eliminated funding for the continued operation of time/frequency standard stations WWV and WWVH in its Fiscal Year 2019 budget.

Tens of thousands of radio amateurs and other users of the shortwave spectrum rely on these stations as sources of accurate time and precise frequency measurement, as well as a wealth of propagation data. (WWVB, on 60 kHz, which provides time data for so-called "atomic clocks," would continue to be funded.)

Two petitions have been started on the White House's "We the People" petition site calling for restoration of funding for these two essential radio stations. Each needs at least 100,000 electronic signatures by mid-September to generate a response from the White House.

The petitions can be found at:

<https://petitions.whitehouse.gov/petition/maintain-funding-nist-stations-wwv-wwvh>

(As of now, it needs just over 90,000 more signatures by September 15)

<https://petitions.whitehouse.gov/petition/proposed-shutdown-nists-wwv-and-wwvh-radio-stations>

(As of now, it needs over 98,000 more signatures by September 17)

CQ urges its readers and friends - and anyone else who finds value in the continued operation of WWV and WWVH - to sign one or both petitions and to contact your representatives in Congress to explain the need for these stations to continue to operate. Congress has the last word on the federal budget and can modify department proposals as it sees fit.

DXCC'S MOST WANTED (ClubLog). The "DXCC Most Wanted" entities list has been updated on ClubLog as of August 28th. The list contain 340 entities and here are the top 10 entities:

- | | |
|---------------------------|----------------------------|
| 1. P5 DPRK (North Korea) | 6. BV9P Pratas Island |
| 2. 3Y/B Bouvet Island | 7. KH7K Kure Island |
| 3. FT5/W Crozet Island | 8. KH3 Johnston Island |
| 4. BS7H Scarborough Reef | 9. VK0M Macquarie Island |
| 5. CE0X San Felix Islands | 10. FT5/X Kerguelen Island |

The complete "DXCC Most Wanted" entities list is available at:

<https://secure.clublog.org/mostwanted.php>

EL, LIBERIA. Operators Col/MM0NDX and Jonathan/MM00KG will be active as EL2EL from Monrovia in southern Liberia between November 5-9th. Activity will be on various HF bands using SSB and FT8. Look for more details and a Web site to be forthcoming soon. QSL via LoTW.

EX0, KYRGYZSTAN (Reminder). The SP9KAT DX Team is now active as EX0PL from Kyrgyzstan until September 10th. Polish operators mentioned are Igor/SP9AMF, Marian/SP9DEM, Darek/SP9ETE, Rafal/SP9IVD, Tadeuz/SP9MZH, Tomasz/SP9NLT, Mirek/SP9ONC, Jacek/SP9OUV, Tomasz/SP9SCZ, Mateusz/SQ9IWS, Rafal/SQ9MCI, and Waldemar/SQ9OUK. Activity will be on various HF bands and modes. QSL via SP9KAT, direct or by the Bureau. For more details, updates, pictures and videos, see: <http://ex.3sun.pl>

FW, WALLIS AND FUTUNA. QSL Manager M00XO, reports that Nobby, G0VJG, is planning his next Dxpedition to Wallis and Futuna Islands (FW) in early 2019. Nobby will operate from Wallis Island (OC-054) using a small amplifier and a beam antenna mostly on the higher bands. His emphasis will be on Europe dependent on band conditions using SSB and FT8. There is also a possibility of a short side trip to Futuna Island (OC-118), this to be confirmed later and Fiji (OC-016) may also be included to the trip. Flights have been booked and callsign has been requested, QRZ.com and further updates to follow in the coming months.

IOTA NEWS.....

* Islands on the Air Seeking Proposed Additions to List of Valid Island Groups -- Read the article by Roger Balister, G3KMA, on the ARRL Web page at: <http://www.arrl.org/news/view/islands-on-the-air-seeking-proposed-additions-to-list-of-valid-island-groups>

* (Reminder) Asiatic Russia IOTAs DXpedition. Members of Team RT9K have announced that their next operation, "Legends of the Arctic 2018", which will be held in September, and will take the route to Dudinka - Dickson - Firneley Islands (AS-054), Tyrtova Island (AS-121), Nansen Island (AS-104), the island of Scott Hansen (AS-068), the Island of the Arctic Institute (AS-087) and the Island of Sibiriyakov (AS-005) - Dudinka. They plan to go by sea and use the callsign RI0B which was once used in 2001 from Ushakova Island (AS-156). QSLs will be only by ClubLog's OQRS/ Follow the team as they prepare for this expedition at: <http://legendsarctic.com>

* IOTA TOUR. Operators XYL Bigi/DE3BWR and Helmut "Heli"/DD0VR will activate the following Greek islands in September:
September 1-10th -- Crete (EU-015)
September 10-14th -- Santorin (EU-067)
September 14-17th -- Ios (EU-067)
September 17-21st -- Naxos (EU-067)
September 21-25th -- Paros (EU-067)
September 25-30th -- Mykonos (EU-067)
This will be a QRP backpack operations with 10 watts SSB and 5 watts CW with various wires and vertical antennas by www.dx-wire.de. QSL via DD0VR, direct or by the Bureau.
ADDED NOTE: Bigi and Helmut are planning to go next year to the Bahamas (C6) [Nassau and some islands] around/between January 21st-February 1st, 2019, and in September 2019, to Fiji (3D2) between September 2-9th, Samoa (5W) between September 9-16th, Tonga (A3) between September 16-21st, and back to Fiji again between September 23-27th. They are currently trying to obtain the licenses.

PLEASE NOTE: Since the Webmasters of the new www.iota-world.org have decided NOT to post or dedicate a Web page to announce upcoming IOTA operations, PLEASE send your IOTA operations information to the OPDX, and we will post it here in an upcoming bulletin.....

J8, ST. VINCENT. Brian, GW4DVB, will once again be active as J88PI from Palm Island (aka Prune Island, WW Loc. FK92HO, IOTA NA-025), in the St. Vincent and the Grenadines Island group, between May 7-14th, 2019. Activity will be on 40/20/17/15/10/6 meters SSB only using a Yaesu FT991A into a 10m vertical antenna and a MOCVO HW-40HP off center fed dipole. QSL via GW4DVB, by the Bureau or direct to: PO Box 20:20, Llanharan, Pontyclun, Wales - UK CF72 9ZA. For more details and updates, check:

<http://www.g4dVB.co.uk>

ADDED NOTE: Palm Island is an exclusive, private-island resort. This idyllic tropical hideaway is situated near the southern tip of St. Vincent and the Grenadines, an idyllic archipelago of 32 tropical islands and cays known for its stunning natural beauty, clear, warm waters and turtles.

KH1/KH7Z BAKER ISLAND DXPEDITION NEWS (Press Release dated August 27th).

KH1/KH7Z honored at Tokyo Ham Fair for its successful DXpedition -- The KH1/KH7Z DXpedition was honored by CQ Ham Radio Japan and JIDX at the Tokyo Ham Fair last week. The team, represented by Ken Tanuma, JN1THL, received the plaque presented by Zorro, JH1AJT at the annual DX meeting.

KH1/KH7Z QSLs are due from the printer in early September and should be in the mail shortly afterwards. It is not too late to submit for your card on our website or ClubLog.... The Baker Island 2018 Team

See pictures on the NODXA FaceBook page at:

https://scontent-ort2-1.xx.fbcdn.net/v/t1.0-9/40430504_2088834654484478_8555092485854986240_n.jpg?_nc_cat=0&oh=4c6b2595e69d87b86af609a2d47f27e3&oe=5C33B910

https://scontent-ort2-1.xx.fbcdn.net/v/t1.0-9/40460082_2088834884484455_4206801680521494528_n.jpg?nc_cat=0&oh=e62149e658244113898770d2d76ff122&oe=5C2D7C73

MJ, JERSEY. Kazunori, M0CFW/JK3GAD, will once again be active as MJ5Z during the CQWW DX RTTY Contest (September 29-30th) as a Single-Op/All-Band/Low-Power entry. Look for activity before and after the contest using the callsign MJ0CFW. QSL for both callsigns via M0CFW, ClubLog's QORS or LoTW.

PROPAGATION FORECAST/REPORT (September 3-9th).....

Sep/03rd AN Sep/06th AN Sep/08th AN
Sep/04th AN Sep/07th HN Sep/09th AN
Sep/05th AN

SOLAR REFERENCE KEYS/INDEXES AND GEOMAGNETIC REFERENCE

NORMALITY	GEOMAG	K Values	Alpha
AN - Above Normal	Quiet	K=0-1	0-7
HN - High Normal	Unsettled	K=2	8-15
LN - Low Normal	Active	K=3	16-29
BN - Below Normal	Minor Storm	K=4	30-49
DIS - Disturbed	Major Storm	K=5	50-99
VRY DIS - Very Disturbed	Severe Storm	K=6-9	100-400

REALTIME BAND CONDITIONS WEB SITE <http://www.bandconditions.com>:

The purpose of this experimental Web site is to provide 24-7-365 actual (REALTIME) band condition information to CW QRPp, QRPe and CW/SSB for Contesters interested in increasing their scores. It can also be of benefit to other Radio Amateurs to determine band conditions for Nets and casual QSO's. This information is NOT based on any software predictions or any kind of satellite based readings. It is based on a new Ionospheric sounding method called "HF Ionospheric Interferometry" which operates very similarly to the PolSAR system used by NASA.

Also, check out the VOACAP predication Web page at:

<http://www.voacap.com/hf/>

A daily HF radio wave propagation forecast can be found at:

<https://www.facebook.com/thomasfranklingiellaw4hm>

Also on Twitter: <https://twitter.com/GiellaW4hm>

QSL INFO AND NEWS.....

QSL-INFO from DB0SDX by Lothar, DL1SBF www.qslinfo.eu [September 2nd]

409TTT via 409TTT (L)	EG8SDC via EA1AUM	OZ/DL1BWU via DL1BWU
5P2C via DL8UD	EG9SDC via EA1AUM	PF2018DOK via PA0MBD & (L)
5P5T via OZ1FDH	EH1LSI via EA1AUO & (L)	PY0F/PY7RP via PY7RP (d)
7Z1IS via 7Z1IS (L/e)	EM9WFF/P via EA5HPX (d)	SN100S via SP3KQV
9M61MB via 9M4CHS (d)	F/DL3TU/P via DL3TU	SN70 via SP7IVO
9Z4Y via 9Z4Y (d/L)	F/ON5JE/P via ON5JE	SQ9S via SQ9JKS
CT9/DL3RMU via DL3RMU	G8W via G6DOD	SV/IU0FBK via IU0FBK
DF4T via DL4VCM	HB9/PC2L via PC2L	SX10HF via SZ2T & (L)
DL0HSC via DK7VW	HF37B via SP7PB	SX2IMA/P via SV2JAO (d/e)
DM7A via DL4DTU & (L)	HG7T via HA7TM	TC2F via TA7AZC & (L)
DQ8T via DL8NCG (B)	IF9/IT9PPG via IT9PPG	TM64YL via F4GDI
DUI1ST/9 via JA1HGY	IJ7/IW7DMH via IW7DMH & (L)	TM9A via F6KFFH
EA8AMT via EA8AMT (d)	K5E via KI5DQ (d)	XR1SDC via EA1AUM
ED6SDC via EA1AUM	K9A via W9OU (d)	XR208A via CE5PRD (B)
EG1SDC via EA1AUM	LX/PA1TK/P via PA1TK	XR208B via CE5PRD (B)
EG2SDC via EA1AUM	LY782QT via LY2QT	XR208D via CE5PRD (B)
EG3SDC via EA1AUM	LZ/ON7LO/P via ON7LO	XV2A via XV2A (d)
EG4SDC via EA1AUM	OA7/DL1CW via DL1CW	YL7X via YL2LY
EG4SDC via EA1AUM	OH/DK4ZC via DK4ZC	YQ6A via YO6BHN
EG5SDC via EA1AUM	OH7Z via OH3NJZ	YT0WFF via YU7CM
EG7SDC via EA1AUM	OL13FORT via OK2NO	YU0WFF/P via YU1SRS
EG7SDC via EA1AUM	OT2X via ON6YX	ZW8T via PS8HF (d)

(e) eQSL only (d) direct only (B) Bureau only (*-B) DX's- Bureau
(O) OQRS only (C) ClubLog only (L) LoTW only (N) No QSL needed
(I) No IRC (P) PayPal

OLD QSL COLLECTION (Update). Jean Michel, F6AJA, wants to remind everyone to visit the Les Nouvelles DX (LNDX) Web page to see more than 16,000 old QSL cards in several different albums/galleries. This site contains:

- The ten most wanted DXCC entities (2007 to 2016) with more than 500 QSLs
- At least one card for each 62 deleted DXCC countries (more than 1900+ QSLs)
- Nearest the totality of current prefixes, disappeared now (more than 5300+ QSLs)
- Album for stations from North Africa 1945-1962 (400+ QSLs)
- More than 1000 QSLs from the Antarctic bases.
- With 270 QSLs from the TAAF (Terres Australes and Antarctiques Francaises).
- More than 100 cards from Eparses Islands such as FR/B/E/G/J/T
- More than 450 QSLs for the rare French Pacific Islands such as FK, FK/C, FO/C, FO/A, FO/M, FO/C and FW
- The FG, FM, FP, FS, FY stations from 1945 to 1969
- Commemoratives stations for ITU and IARU with more than 800 QSL.
- More than 2500 cards for the old timer with more than 150 countries before 1945.
- Cards from the French Department before 1945.
- At least one card from each of the states in the U.S. before 1945.

The URL address for the Web site is: <http://LesNouvellesDX.free.fr>
Some cards are still needed for the collection, and your participation is welcome. Only a ".jpg" file (both sides of the card) is required. Please visit the site and give them your comments by sending an E-mail to: LesNouvellesDX@free.fr

QSLs RECEIVED VIA LoTW: 3C0W, 3C3W, 3DA0AY, BD4WN, CE0Y/NP4G, EA5RM, FO/K5PI, G0FWX, SQ9JKL, VK0AI, Z37M and ZS9V (AF-064)

QSLs RECEIVED VIA MAIL: TE6DX (NA-155)

QSLs RECEIVED VIA THE BUREAU: 5H3DK, 9M00, AH0K, EA6/OH2DK, OF9X, OH0V, OH70BH, OJ0B, OJ0C, PW5F, SV5/DL3DRW, SV5/OH2FUW, SV9/OG55W, T30ZF, TF/OG55W, XE1REW/2, XE3MAS, XV2RZ, Z68BH, ZB2X, ZD80 and ZD8X

SILENT KEYS (SK).....

* The Malaysian amateur radio community lost one of their best friends and operator. It was reported that Feroz Yunos Khanand, 9W2JOH, became a Silent Key last week.

* OPDX and its readers would like to send out our deepest sympathy to the family and friends of the above SKs.

SN100, POLAND (Special Event). Look for the following stations to be active at various times between now and November 11th to celebrate the 100th anniversary of Poland's independence: SN100ID, SN100IP, SN100JH, SN100JP, SN100L, SN100PS and SN100PW. A diploma will be available. For details, see: https://pzk.org.pl/print.php?type=N&item_id=4248

SP100, POLAND (Special Event). Members of the Piastowski Klub Krótkofalarstwo (SP6PAZ-SN60) will be active as SP100PAZ until December 31st. Activity is to celebrate the 100th anniversary of Poland's regaining their independence (1918-2018). QSL via the Bureau PZK, direct or LoTW. [<http://sp6paz.pl/>](http://sp6paz.pl/)

TA4, TURKEY. Operators Frank/PH2M and Jan/PA3GUV will be wrapping up their sailing trip on the vessel 'GanGan' within the Turkish and Greek territorial waters near the Turkish Southwest coast on September 7th.

They are currently active as TA4/PH2M/mm and TA4/PA3GUV/mm. Activity is on SSB and FT8 using an IC-7300 + FT-857 w/100W into an EndFed 40/20/10M + 30/17/12m. QSL via their home callsigns, direct, by the Bureau, OQRS or LoTW.

VI6, AUSTRALIA. Members of the Hills Amateur Radio Group (VK6AHR) will be active next weekend (September 8-9th) using the special Marconi callsign VI6MARCONI. Activity is to celebrate the 100th anniversary of the "First Direct Wireless Message" from UK to Australia. Please listen out for this and the other Marconi special event callsigns during the month of September.

<http://www.wia.org.au/newsevents/marconi100/about>

VK0, ANTARCTIC. Matt, VK5HZ, will be active as VK0HZ during the 2018-2019 Summer and 2019 Antarctic winter. He will be working at Davis Station. Davis is situated within Princess Elizabeth Land, East Antarctica, in the Australian Antarctic Territory. 68° 34' S, 77° 58' E - MC81xk Please note this is not a DXpedition and any radio activity will be during his downtime. Having said that, Matt will be there 12 months, and he hopes to catch as many of you on air as possible. More details of his operation and station setup to come late 2018.

VP2E, ANGUILLA. Operators Art/WA7NB and John/N2LK, will be active as VP2EAB and VP2ESJ from Anguilla (NA-022) between November 18-25th. Activity will be on 160-6 meters using CW, SSB and the Digital modes. Their activity will also include the CQWW DX CW Contest (November 24-25th) as a Multi-Op entry signing VP2EAB. QSL via their home callsigns or LoTW.

VP2V, BRITISH VIGRIN ISLANDS. Steven, AA7V, will once again be active as VP2V/AA7V from Virgin Gorda (Tortola) between September 26th and October 1st. Activity will be on various bands using CW, RTTY and FT8. He will also be in the CQWW DX RTTY Contest (September 29-30th). QSL VP2V/AA7V via LoTW or AA7V.

VP6D DUCIE ISLAND DXPEDITION NEWS. The following excerpts were posted on FaceBook and the VP6D Web page: [On Thursday, August 30th] Nigel Jolly, owner of the Braveheart, reports that the VP6D equipment has arrived in Tauranga [shipped from San Francisco] and will soon be nestled into storage at his dockside warehouse! [Other DX-pedition equipment was already in Nigel's warehouse: tents, generators, tables, chairs, bunks, and supporting equipment.] Picture of shipment:

https://scontent-ort2-1.xx.fbcdn.net/v/t1.0-9/40452032_1806522122729042_6415181990479265792_n.jpg?_nc_cat=0&oh=97d729bd88c7d14e391e7aa178220ea4&oe=5C290E85

Our Team wishes to thank the clubs, foundations, and individuals that have shown their financial support for this DXpedition project. We are grateful for your generosity.

VP6D Web page: <https://www.vp6d.com>

VP6D FaceBook page: <https://www.facebook.com/VP6D-Ducie-2018-1470984209616170>

WH0, MARIANA ISLANDS. Harry, JG7PSJ/JD1BMH/KW2X, will once again be active as KH0/KW2X from Saipan (OC-086) between September 12-18th. Activity will be on 40-10 meters using CW, SSB and RTTY. QSL via LoTW or direct to JG7PSJ.

XX9, MACAO. The XX9D team of operators will once again be active from Grand Coloane Resort, Macao (AS-075), between February 11-26th, 2019. Operators mentioned are Werner/DJ9KH, Bert/DL2RNS, George/DL4SVA, Thomas/DJ6TF, Olaf/DJ7TO, Uwe/DJ9HX, Frank/DL1KWK, Heiko/DL1RTL, Wolfgang/DL4WK, Axel/DL6KVA, Olaf/DL7JOM, Rolf/DL7VEE, Franz/DL9GFB, Kenneth/OZ1IKY and Bom/XX9LT. Activity will be on 160-10 meters using CW, SSB, RTTY and FT8. Suggested frequencies are:

CW - 1823.5, 3526, 7026, 10102, 14026, 18086, 21026, 24906 and 28026
SSB - 3805, 7095/7182, 14210, 18120, 21275, 24955 and 28465
RTTY - 3595, 7046, 10144, 14090, 18099, 21090, 24917 and 28090
FT8 - 3573, 7074, 10136, 14074, 18100, 14074, 21074, 24915 and 28074 kHz
6m - 50105/CW, 50120/SSB and 50313 kHz

They will operate with 15 experienced operators 24 hours daily with at least 4 stations. The 5th station will be monitoring 6 meters or will be active on short-waves as well. Their special focus will be on North America and the low-bands 40-80-160m. They will have separate antennas for each of the low-bands. For 20 to 10 meters they will have a 2-element beam combined with a pentaplexer which allows them to operate with 3 stations simultaneously on the higher bands. Beside RTTY they will also use FT8 as another digital-mode. QSL via DL4SVA, LoTW or ClubLog's OQRS. For more details and updates, see: <http://xx9d.mydx.de>

TO BE ADDED TO THE OPDX MAILING LIST -- Click or send requests to:

- Help: [<mailto:opdx-request@barf80.org?subject=help>](mailto:opdx-request@barf80.org?subject=help)
- Subscribe: [<mailto:opdx-request@barf80.org?subject=subscribe>](mailto:opdx-request@barf80.org?subject=subscribe)
- Unsubscribe: [<mailto:opdx-request@barf80.org?subject=unsubscribe>](mailto:opdx-request@barf80.org?subject=unsubscribe)

OPDX WORLD-WIDE WEB HOME PAGE (provided by John, K8YSE):

<http://www.papays.com/opdx.html>

NOW ON TWITTER: https://twitter.com/kb8nw_opdx

ALSO VISIT THE NORTHERN OHIO DX ASSOCIATION'S WEB PAGES AT:

<http://www.nodxa.org/>

<http://www.facebook.com/NorthernOhioDxAssociation>

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Information can now be faxed to the following phone line at:

1-419-828-7791 (F A X only!)

/EXIT

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