

# The DX Bulletin

ISSUE 221 JANUARY 10, 1984

PROPAGATION: Jan 10, 11, Low Normal; Jan 12-17, High Normal; Jan 18, Low Normal; Jan 19, High/Low Normal; Jan 20, Low Normal; Jan 21, High Normal; Jan 22, 23, Low Normal. TNX N4XX.

Flux (80)	Flux (81)	Flux (82)	Date	Flux Alpha (83)	(83)	K (83)
264	178	236	12/15	100	21	4
282	163	214	12/16	95	17	4
263	149	202	12/17	98	7	3
264	142	193	12/18	95	7	2
246	134	179	12/19	93	5	2
248	138	165	12/20	89	10	3
232	147	154	12/21	86	5	1
239	151	161	12/22	85	5	1
234	158	166	12/23	86	13	2
231	163	173	12/24	86	11	1
228	134	176	12/25	86	12	3
228	172	175	12/26	87	14	2
228	183	172	12/27	86	14	5
244	189	162	12/28	86	13	3
225	190	152	12/29	84	15	2
217	192	147	12/30	84	14	1
206	189	139	12/31	84	31	4
(81)	(82)	(83)		(84)	(84)	(84)
196	186	136	1/1	87	18	3
188	183	136	1/2	87	24	2
179	182	141	1/3	91	21	1
173	176	143	1/4	93	18	2

LACCADIVES: VU7WCY ended Dec 31, but another group will be signing VU7GDG beginning about Jan 10. Their license is good until March 8. That operation will include a half dozen hams, several rigs with split-frequency capabilities, and a generator. The VU7WCY operators worked thousands of European and Japanese stations, but not many in North America. Although there were a handful of us who worked VU7WCY on 80, 40, or 15 Meters, 20 was the only band with dependable propagation. The best openings on 20 were short path in the morning for W1-WØ, excluding the West Coast. W6/W7 had their best shot long path at 0100-0200Z. A lot of people are going to be "not in log," as they had worked other "WCY" suffix stations, mostly on 14.025 KHz, thinking them to be VU7WCY. There were also a number of manufactured contacts on SSB, with a UB5 and a VU2 helping out with signal reports when there were not any signals.

ZL8AFH reported from Kermadec again, this time Jan 1 at 3855, 0900Z. He was heard in VE7. Jim Smith's H.I.DX.A. has not announced their exact schedule for their expedition; it will be sometime mid-February. See page two.

COCOS ISLAND TI9J begins Jan 14 for about four days, signing TI9J, eight operators, all bands.

VP8ANT was operating from the S. Shetlands Dec 24-28 and again Dec 31 to Jan 2.

Scattered reports of XU1SS QSLs having been received in various places; needless to say, they did not get out in time for the Dec 30 Honor Roll submission deadline. They are still on 20 CW several mornings a week, but only make a handful of contacts each time.

4U1ITU Jan 1-3 was by K5VWW; QSL to that address. K8GG was the operator there Dec 19-21, all on 40/80/160. George has the 4U1ITU QSLs ready to mail to you from his C/B adr.

VE7BC says he will be "back in China at BY1PK the last week of March and the Month of April, listening to the usual frequency. (I) will be taking five operators with me on this trip, three Canadian and two American. If time permits I will activate BY4AA on SSB.

DL1VU, now signing T3ØCT from C. Kiribati, may return home to Germany after this stop. QSL to DL7NS.

NIGER is still on KC7UU's schedule, but not until mid to late February. Chuck plans to return to Nigeria sometime this month, unless the situation there is affected by the recent coup.

NETHERLANDS FLOATS OUT TO SEA (and other glitches) DEPARTMENT: in Issue 219 we listed PAØHIP as a 160-Meter DXCC winner, then said no mainland Europe station had made the grade. In Issue 220, we meant to say "KT6V/KH9 was on last week without warning." And in the Calendar, AZ5ZA is operating until Jan 20.

Here comes the First Botswana DX Association QSO Party, Feb 18-19, 1984...operators A22BX, A22CA, A22ED, A22ME, and A22TE, 80-10 CW and SSB. Get your commemorative QSL from A22CA, Clarence Allison, Box 29, Selebi-Phikwe, Botswana South Africa.

N2EDQ/KH7 Kure was reported back on last week, on the "Afrikaaner Net," 21.355 at 1800Z... 160 Meters has been white hot lately, packed with Russian stations above 1850 KHz...European bulletins report A6XJC will be back there after a Netherlands vacation, this month, but may not operate at all...several readers have tried our tip of writing BY1PK for a schedule, and all have been successful; make it during their prime operating period (0100-0200Z) on some off-the-wall frequency... YI1BGD saying they will be on 40 and 80 Meters maybe as early as February. Last report we heard was they were awaiting coax for their low-band antennas...TU2NW will be on 160 if he can get some extra capacitance for his tuner; he's on 3795 or so many evenings at 0100Z or later...

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MORE KERMADEC: a letter from VK9NS confirms our FLASH in Issue 220: Jim says after seven months of writing and telephoning authorities concerning a Kermadec expedition, he decided those authorities were trying to find "a common set of ground rules which would enable them to issue a permit, with confidence." Well, on Christmas Eve Jim "received a permit for a three-week stay on Raoul" (island). The permit is issued Jointly and Conditionally to Dr. J.L. Craig and to J.B. Smith (VK9NS).

VK9NS's letter is optimistic, much more so than recent ones we have received here. He acknowledges with thanks donations from some thirty DXers, and asks for more now that things are falling into place. They will be answered with the usual H.I.DX.A. receipt. Help put ZL8KI on the air by sending what you wish to PO BOX 90, Norfolk Island, S. Pacific 2899.

#### HOW I WORKED VU7WCY

by an anonymous K1 DXer

I listened on all the right frequencies at all the right times...20 Meters long path in the morning (VU stations S9), on the short path in the evenings (no propagation), and even on 40 CW in the mornings. Also tried 15 Meters in the mornings but only heard one weak VU, one day. On the third day of the operation, heard K1RM and WA2VUY work VU7WCY, could not hear a whisper from the Laccadives station... later discovered they had located the RIT control on their rig and were using about a 2 KHz split! This was an earlier-than-expected opening (about 1100Z) and only my own stupidity prevented a contact. Finally, on Christmas morning, listened to S9 VU stations (no VU7), left for breakfast, and had phone call from local DXer, who said I'd better listen on 14.156 MHz. Got VU7WCY first call, short path, almost no competition, which I attribute to 3 factors: it being a holiday morning and the path apparently being open only to W1/W2 in the Extra Class part of the band. In subsequent days, heard VU7WCY on 14.025 CW with massive pileups, didn't try to work them after already having a solid contact.

#### A FREE ADVERTISEMENT

ON4UN has published a brand-new Sunrise/Sunset table book for 1984, covering "502 geographical areas in all DXCC countries (including 100 locations in the USA)." At first glance, it is very dry computerized tables, reminding us of the American Ephemeris and Nautical Almanac, but actually it is pretty interesting, and definitely useful. The tables are absolutely essential for working "Gray Line" on 80 and 160 Meters.

In addition, ON4UN offers a personalized computer printout giving beam headings and distances to 502 locations around the world, from your exact location. This is included with the Sunrise/Sunset book, all available for Ten Dollars postpaid, to John A. Devoldere, 215 Poelstraat, B9220 Merelbeke, Belgium.

MARION ISLAND: hams in S. Africa have been trying, unfortunately without success, to place an amateur radio operator aboard the next crew going to Marion Island, this March. The government will allow an amateur aboard if he is properly licensed but none is available. Since Marion Island is a nature preserve, all requests for a full-blown expedition by hams have been flatly turned down. The tour of duty for team members is thirteen months.

Going to China anytime soon? A recent visitor (October) says there's no problem getting operating permission at BY1PK, although the normal 0800-0900 slot is useless for working N. America. You need a copy of your amateur license, then fill out a form and away you go, CW only. Our experience is that permission will be more likely to come on one's second visit, though. At least you can visit the station and set up a schedule for when you return! Incidentally, planning for our Fifth TDXB Countries-Needed Survey is underway, and it will be much earlier this year...we are anxious to see how a few countries, like China, have fared in 1983 (China was down to #9 last time).

WA6AUD, writing in the latest CQ Magazine, had a quote worth sharing. Personally, we have often had trouble figuring out just what Cass is trying to say, but we do understand his definition of a "True Blue DXer": you are true-blue when you cannot remember the last time you called "CQ DX." We have to admit that we can't remember ourselves, but we can remember the last time we made a transmission: Christmas Day!

CLIPPERTON was rumored in some European newssheets for December! They said FO0XX was on, possibly an early test for the operation upcoming in March. As we said here back in November, we had dinner in San Francisco with one of the team members, who had that very day signed the papers for an operation Mar 5-23. And that's that.

ARRL DXAC ballots are still out on country status for the Pribilofs. One committee member told us he thought prospects were "dim," judging from the presentation made to the committee, but only time (and the vote) will tell. DXAC is also working on a possible cleaning up of all the country criteria, eliminating loopholes etc, but this is bound to be a very long-term project.

LAST QSL List which was mailed to us for publication got lost in the mails...we will have a new one shortly...maybe next issue.

PLANNING AN EXPEDITION for the upcoming ARRL International DX Competition in March? Know someone else planning an expedition? Please let us know NOW for inclusion in the Calendar. Thanks.



AP2MQ 14203 12E 21  
 AP2MQ 14189 03W 23  
 AZ5ZA 7005 05W 22  
 AZ5ZA 14025 03E 24  
 AZ5ZA 3505 03C 26  
 AZ5ZA 3506 06W 26  
 AZ5ZA 1826 06W 26  
 AZ5ZA 7005 00E 26  
 AZ5ZA 21026 22C 27  
 AZ5ZA 7006 05C 28  
 AZ5ZA 3507 02W 30  
 AZ5ZA 1825 03E 30  
 AZ5ZA 21025 21E 2  
 AZ5ZA 28025 18E 2  
 AZ5ZA 1825 03E 3  
 AZ5ZA 1825 03E 4  
 A22CA 14204 22E 25  
 A22ME 21335 20C 26  
 A4XRS 14175 15W 18  
 A4XJW 14218 13E 20  
 A4XJW 14185 13E 21  
 A4XKB 14189 14E 21  
 A4XIJ 14207 13E 22  
 A4XJK 14213 14W 23  
 A4XJW 14176 13C 29  
 A71AD 14185 15W 18  
 A71AD 3791 03E 21  
 A71AD 14227 15W 22  
 A71AD 14227 16W 23  
 A71AD 14228 17E 24  
 A82LC 21302 16E 20  
 BY8AA 14075 02E 28  
 CE3DNP 7008 02E 28  
 CEØZAD 14220 04E 16  
 CEØFCM/  
 CEØZ 7006 04E 23  
 CEØFQU 14218 05W 29  
 CN8BW 21304 17E 25  
 CN8CU 21039 14E 26  
 CN2AQ 7005 04E 29  
 CO7HC 7009 01E 25  
 CT2DV 3514 06W 22  
 CU2AK 3799 01E 27  
 CT2DV 3517 02E 27  
 CT3BM 3797 23E 24  
 CT3BD 14183 13E 28  
 CT4BD 1835 06E 25  
 CX8DT 1834 00E 24  
 C31LD 3784 03E 3  
 C31SD 3799 23E 27  
 C53DU 7001 23E 23  
 C6ANI 3793 01C 27  
 VE3BVD/  
 DU6 3798 10E 24  
 DU6RH 7025 16W 26  
 KF6ME/  
 DU2 14035 13E 28  
 D44BC 21332 19E 23  
 G6ZY/  
 EA6 21025 17E 27  
 EA8YG 3790 22E 23  
 EA8MJ 28027 17E 24  
 EA8AAU 1836 21E 27  
 EA8ZD 14016 13E 27  
 EA9KQ 7005 00E 21  
 EF9HR 3646 04E 23  
 EA9KS 14021 13E 28  
 EC9HE 21045 17E 31  
 EC9HR 3644 02E 3  
 EL2FB 14022 23E 27  
 FB8WK 7004 03E 29  
 FB8WK 7002 02E 31  
 FB8WK 3502 01E 3  
 FC6FPH 14177 14W 24  
 FC6KPK 7013 01E 25  
 F6FGY/  
 FC 3794 23E 26  
 TO7GAS 7027 03E 26  
 (FG7)  
 FM7WS 3793 02C 23  
 FM7CL 3786 01C 26  
 FM7CW 7021 23E 27  
 FM7WD 7018 23E 27  
 FO8JN 3793 11E 25  
 FO8JR 14300 02W 26  
 FO8JN 3789 09E 29  
 FO8JN 21345 22C 30  
 FR7BP 21025 14E 21  
 FGØHYJ/  
 FS7 7026 03E 26  
 FGØHYJ/  
 FS7 3795 03E 2  
 FY7YE 14048 13E 2  
 GM3VTA 1826 07E 21  
 DL7NS/  
 HBØ 3507 03E 31  
 HC4WA 3507 04E 23  
 HC2SL 7009 06E 31  
 HCLSK/8 3778 01E 2  
 HI8KW 3790 03C 26  
 HKØBKX 14016 13E 21  
 HKØBKX 3503 05E 23  
 HP3FL 3795 02C 23  
 HP1XEK 14022 13E 26  
 HT1JCC 21025 20E 2  
 HV3SJ 14202 13C 29  
 HZ1AB 7002 15W 15  
 HZ1AB 3795 02E 22  
 HZ1AB 3799 02E 24  
 HZ1AB 7007 01E 25  
 HZ1AB 3798 00E 25  
 ISØOMH 7006 01E 25  
 JX5DW 7001 23E 23  
 JW5NM 3501 12E 27  
 JW1CY 14031 22E 28  
 JW1CY 14045 00E 28  
 JY5ZM 14219 14E 25  
 J28DP 7002 15W 18  
 J28CI 14021 20E 26  
 KA4VUB/  
 J3 14270 02E 25  
 J37AE 7011 02E 29  
 J73AH 3800 02E 2  
 J88BC 3795 01E 3  
 KC4USV 14194 03E 22  
 KC4AAA 14182 12E 27  
 AH2G 7006 12E 20  
 NL7G 1811 03E 21  
 KL7Y 3503 02C 21  
 KL7Y 3501 05C 23  
 KX5DS 7006 12E 24  
 KX6DS 7008 14C 26  
 LA2GV 1823 06E 23  
 LX1BI 3799 04E 23  
 LX1DA 21027 15E 25  
 LX1PD 1827 23E 26  
 LX1PD 1824 02E 27  
 LX1PD 1825 04E 29  
 PAØHIP 1828 06E 31  
 PJ3JB 7023 02E 28  
 PJ8UQ 3788 01E 4  
 PYØTA 14023 23E 24  
 PZ1AP 21016 17E 24  
 PZ1DV 14025 23E 26  
 SM7BIC 1840 05E 28  
 SP5INQ 1824 04E 23  
 DF3NZ/  
 ST2 3799 00E 23  
 S83I 14154 20C 25  
 TALUA 21025 13E 24  
 TG9LG 3795 01C 26  
 TA2WCY 14227 16E 27  
 TR8WCY 14036 23E 28  
 TF5TD 3786 11E 20  
 TF3SH 3503 08E 21  
 TF3KG 1834 06E 24  
 TF3KG 3507 12E 27  
 TF3DC 14023 18E 28  
 TJ1QS 21009 16E 23  
 TL8ER 21018 13C 16  
 TL8ER 21303 20W 22  
 TR8JB 21025 13E 22  
 TR8GM 28507 17E 24  
 TU2JD 14201 00E 24  
 TZ6FIC 14234 00E 18  
 TZ8DC 3507 03C 20  
 TZ1TZ 21013 13E 21  
 T2GSH 3790 12E 28  
 T2GSH 3799 12E 29  
 T3ØDB 21293 21E 23  
 T3ØCT 7007 11E 28  
 T3ØCT 3502 15C 30  
 T3ØCT 14027 05C 31  
 T32AB 21008 19E 17  
 T32AB 14310 04W 18  
 T32AB 14152 01E 25  
 T77V 3799 03C 27  
 T77C 21308 15E 28  
 T77V 3788 05E 29  
 T77C 21034 16E 30  
 UK1PGO 14031 23E 21  
 (F.J.L.)  
 UK1PGO 14032 00E 22  
 UK1PGO 14025 23E 27  
 UK1PGO 7005 21E 2  
 UA4BHW 1832 04E 28  
 UKØAMM 7009 02E 22  
 UAØFBO 7001 22E 30  
 UA2FCW 1852 06E 23  
 UK2FAA 7018 01E 25  
 UQ2GKM 1851 06E 23  
 UR2QD 1852 05E 21  
 UB5WCQ 1850 06E 28  
 UO5ODA 3510 06E 31  
 UO5OBE 3504 03E 3  
 UK6FDD 3510 00E 27  
 UF6FFF 14209 13C 29  
 UK7LAJ 7004 12E 20  
 UK7PAL 3522 03E 24  
 UL7CAL 3503 11E 25  
 UL7PBW 7008 00E 26  
 UK8AAM 14152 12E 20  
 UK8EAB 14070 13E 21  
 UK8JBD 14195 12E 21  
 UK8EAB 14029 13E 28  
 UK8HAA 14213 12E 28  
 UH8EAA 14223 12E 23  
 UH8HCB 14183 12E 28  
 UM8MCO 7006 12E 20  
 UM8MCO 7004 12E 21  
 UM8MCY 7006 12E 23  
 VK6HD 1835 2035Z daily  
 VK9WCY 14220 06W 18  
 VP2KBZ 3513 04E 24  
 VP2KBZ 7003 01E 25  
 VP2MO 3795 02C 26  
 VP2MJI 3509 03E 27  
 VP8ANT 14209 01E 25  
 (S. Shets)  
 VP8QG 14206 03E 19  
 (Falklands)  
 VP8MT 14219 03E 24  
 (Falklands)  
 VR6KY 3798 03W 13  
 VS6DO 7004 12E 26  
 VS6DO 7004 12E 28  
 VS6DO 3793 11E 29  
 VS6DO 14193 13E 29  
 VU2BK 7004 02E 23  
 VU2BK 7004 23E 27  
 VU2JN 7002 12E 28  
 VU7WCY 14195 13E 24  
 VU7WCY 14156 14E 25  
 VU7WCY 14026 14E 27  
 VU7WCY 14197 14C 29  
 VU7WCY 14184 14C 30  
 V3FB 3798 01C 23  
 XT2AP 21292 20E 23  
 XU1SS 14022 13E 21  
 XU1SS 14014 13E 22  
 XU1SS 14025 13E 28  
 XU1SS 14016 13E 3  
 YB2ARH 14025 23E 26  
 YB3TS 14013 13E 29  
 YI1BGD 14211 14E 20  
 YI1BGD 14204 13E 26  
 YI1BGD 14204 13E 2  
 YK1AO 14206 13E 21  
 YK1AO 14197 14E 26  
 YK1AO 14190 15W 28  
 ZB2AL 14030 13E 24  
 ZC4BI 3504 00E 27  
 ZD7BW 21355 17E 20  
 ZD7BW 1832 22E 28  
 ZD8LM 21281 17E 1  
 ZD9BV 21334 19E 28  
 ZF2FK 7005 12E 25  
 ZK1CG 14188 04W 18  
 ZL4OY/C 3788 11E 26  
 ZL7OY 3807 07E 2  
 ZS5LB 1824 03E 27  
 ZS3B 14079 18E 2  
 Z22JS 7015 04W 26  
 Z22JS 7015 04E 28  
 3A2LF 14216 15E 17  
 3B8CF 3505 01C 21  
 3B8CF 7007 02C 21  
 3D6AL 21271 19E 23  
 3V8AG 3508 03E 23  
 3X4EX 21335 17E 18  
 3X4EX 14195 23C 30  
 4S7NE 7009 13E 21  
 4S7NE 3506 13E 22  
 4S7NS 14035 14E 22  
 3S7CF 14197 03W 23  
 4S7EA 3796 00E 24  
 4S7EA 3798 00E 25  
 4S7NE 7005 13E 2  
 4U1UN 21028 17E 17  
 4U1VIC 14033 13E 21  
 4Z4DX 1828 00E 27  
 4X4NJ 1834 02E 3  
 5N8ARY 7010 01E 27  
 5R8AL 21335 17E 22  
 5R8AL 21335 18C 26  
 5T5RD 14205 21E 27  
 5Z4FM 14031 18E 31  
 6V2EX 14023 23E 20  
 6V2EX 21025 14E 24  
 6Y5OM 3784 02C 26  
 7X2LS 28604 18E 24  
 7X5AB 3783 06E 27  
 7X2LS 3799 02E 28  
 8Q7AV 14209 13E 28  
 8R1RBF 3795 04E 29  
 9J2JI 21292 18E 22  
 9J2LL 21031 18E 26  
 9K2DZ 14176 13C 29  
 9L5WCY 14025 12E 27  
 9M2HB 14168 13E 25  
 9M2HB 14025 13E 29  
 9N1MM 14020 12E 20  
 9N1MM 14224 12E 21  
 9Y4SO 3780 01E 3  
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 BEST CONTRIBUTOR OF  
 information each month  
 wins a free year of  
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 Winner for December is  
 Ron Grzelak, K1BW.



CALENDAR

C. Kiribati DL1VU at T30CT Now, Issue 221  
 Crozet FB8WJ,WK on all bands now  
 S Orkneys AZ5ZA now to Jan 20, all bands CW  
 Kermadec ZL8AFH on 75 SSB at 0900Z some days  
 Cambodia XU1SS on 20 CW only, 1300Z some days

China BY1PK and BY8AA both very quiet now  
 Leichtenstain DL7NS/HB0 now to Jan 28  
 Tuvalu T2 by DL1VU may be cancelled; I 221  
 Banie Island TR0AB postponed to Jan 14/15  
 Cocos TI9J Jan 14-18; I 221

SMOM 1A0KM rumored sometime in January  
 Laccadives VU7GDG any day now...I 221  
 YASME Colvins in Peru at 4T4WCY  
 Contest CQ 160 M Jan 27-29  
 Kermadec by H.I.DX.A. in February; I 221

Niger KC7UU trying for late Feb; I 221  
 Contest ARRL DX CW, Feb 18/19  
 Botswana QSO Party Feb 18/19; I 221  
 St Maarten By K4LTA and N4FKO Feb 17-Mar 8  
 B.V.I. By K9GL, K9PW, WB9TIY, K4UEE, Feb 27-Mar 12

B.V.I. VP2VID by W4JVN Feb 29-Mar 10  
 Contest ARRL DX Phone Mar 3/4  
 Clipperton FO0XX Mar 5-23  
 China BE7BC at BY1PK late March; I 221  
 Contest CQ WPX SSB Mar 24/25  
 Convention Int'l DX at Visalia CA Apr 13/15

CONTRIBUTORS

K1BW, KA1BU, W4JVN, K4LTA,  
 WB9TIY, F6AJA, OH2BVF, PY8BI,  
 ONL-6945, R2D2, KW9N, DA2ER,  
 VK3AH, N4KG, N3BB, K1JA,  
 VK9NS, K6SSJ, W0LHS, WB2LCH,  
 DF2RG, K0CS, AK1E, W4VQ,  
 KH6BZF, SM0GMG, K6IR, KR1G,  
 KM9J, K1MM, K1MEM, W0VX,  
 K1SA, VE7BC, K8GG, KB1BE,  
 K5TSQ, KB3PJ, WA9OVU, N4NO,  
 WA8CZS, K8EM, WD5AAM, KE7X,  
 WB9YXY, W5YH, KE1K, W3HHG,  
 KE4UC, KA1XN, W8UVZ, W6CS,  
 K4BAI, W7HRD, W2AK, W0BW,  
 KA1KD, AB8K, WB8ZRL, N1CWU,  
 W3ICM, and Madison Electronics.

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