

The DX Bulletin

• America's Oldest Weekly Amateur Radio Publication •

ISSUE 283 APRIL 12, 1985

PROPAGATION: Apr 12, High/Low Normal; Apr 13, High Normal; Apr 14, High/Low Normal; Apr 15-22, High Normal. TNX N4XX.

Flux (81)	Flux (82)	Flux (83)	Flux (84)	Date	Flux (85)	Alpha (85)	K (85)
215	199	99	136	3/29	73	5	3
209	198	101	141	3/30	72	6	2
219	185	99	144	3/31	74	7	2
228	174	101	144	4/1	72	17	2
213	174	101	136	4/2	73	12	3
221	170	100	139	4/3	72	16	2
220	158	101	128	4/4	72	12	2

CLIPPERTON. FO0XX came on the air Saturday, April 6, at about 2200Z. The boat had stayed off shore several days as the crew waited for seas to calm for a landing. They will stay until about April 11, signing FO0XX on all bands with as many as six stations in operation at once. The operation commenced during a period of very poor propagation but conditions were expected to improve mid-week. QSLs to YASME.

NAVASSA came on as scheduled April 3, and the callsign was 6Y5NR/KP1 only; no others. The CW operator has been working about 40 wpm and signing his callsign every ten minutes or so. QSL to 6Y5NR.

CAMBODIA came on the air again Mar 24, according to V56CT, who heard XU1SS. It is not known if the station is on from one of the actual Cambodian camps or rather from across the border in Thailand.

UGANDA operation by DJ6SI and DJ5RT has ended; DXPress reported that DJ6SI had three licenses in hand in Germany, one each for him, DJ5RT, and 5X5GK, all back dated to October 22, 1984, and good for one year. QSLs go to DJ5RT for 5X5GK and 5X5WR, and to DJ6SI for 5X5BD. They are looking for donations for 5X5GK's hospital operation in Uganda. The rumored Benin TY operation by DJ6SI did not materialize.

BURMA: although other publications are mentioning that a Czechoslovakian says he will operate from Rangoon soon, the situation in Burma regarding licensing has not changed. The government does not recognize amateur radio and does not issue licenses. Thus, specific callsigns would not be possible. Operations from Burma the past few years have been "/XZ" with the government looking the other way. The Newington DXCC desk recognizes none of these operations.

CHINA: was worked in Massachusetts Mar 29, as BY5RA appeared on 20 CW on a rare morning polar path opening, at 1140Z. This is typical of the kinds of openings which occur at or near the bottom of the sunspot cycle. The presence, or absence, of JA stations on the band do not necessarily indicate a possible opening to China.

SAN FELIX: the DXCC Honor Roll deadline has passed (Mar 28) with many DXers still not having received their CE0AA QSLs. It seems that an inordinate number of DXers were "one short" of Honor Roll status this year, and now face a wait of a full year for the next submission date.

HEARD ISLAND DX ASSOCIATION newsletter has been received by members of the association. Jim Smith, P29JS, has been joined on Papua New Guinea by his wife Kirsti, who is signing P29KJ, and they got the newsletter in the mail last week. The association has no immediate plans for expeditions, in part because the demand for DXCC countries in the Pacific and Antarctic regions has been mostly satisfied the past few years. One exception is South Sandwich, which is a difficult proposition.



Chod Harris, VP2ML, operating from "The Last Resort" on Montserrat. The cottage is radio-equipped and available to rent for vacationing and DXing. Details on rental and amateur radio licensing are available from Chod Harris, Box 4881, Santa Rosa, CA 95402.



ALBANIA will certainly top our annual Survey list again this year. Ecuadorian radio station HCJB recently aired a summary of the Albania amateur radio situation, most of the information coming from an October, 1984, article in the "Australian DX News.". According to their report, only three operations have occurred from Albania since WW 2, both in the early 1970's.

OH2BH/ZA in July, 1970, aimed for ten days, but he was forced to shut down after only eight hours and 860 contacts. The official reason given was that he was causing interference to the hotel's internal communications system. Martti did have the paperwork necessary for DXCC, however.

In September, 1970, an operation took place which has been shrouded in mystery ever since. DL7FT and some friends got on the air as ZA2RPS, from the same hotel as OH2BH, and they worked about 1000 stations in four days.

In June, 1971, the same German group once again signed ZA2RPS, and made 2500 contacts in eleven days. Later, the Albanian authorities began denying all requests for operating permits, claiming that they had no knowledge of the September, 1970 operation and, further, accusing DL7FT of entering the country without claiming his radio gear at Customs.

In July, 1971, according to the DX News Sheet, OH2BH entered Albania once again, but a misunderstanding about declarations of radio equipment brought about diplomatic problems, and Martti and his friends went home without ever getting on the air.

Since then, according to the HCJB broadcast, some 25 amateurs from various countries, mostly Europeans, have been turned down for ZA operating permission. The authorities are quoted as saying that "as of January, 1975, amateur radio licenses are only granted to residents of Albania." Since private possession of transmitters is banned, the matter seems closed.

As reported in TDXB over the last several years, OH2BH and friends have continued their efforts, by donating transceivers to schools in the Tirana area and personally training prospective Albanian operators. It had been hoped that the opening of amateur radio in China would spur the Albanians to speed up their own amateur radio program but so far that has not happened.

Five years ago in *The DX Bulletin*

(April 17, 1980): DK9KD advised that a German group was on its way to the Indian Ocean, hoping to operate from Mayotte, Glorioso, and the Comoroes. In the wake of the failure of the Heard Island landing, P29JS announced the formation of the Heard Island DX Association, to drum up support for a major operation. In return for contributions, Jim Smith offered to begin the legwork necessary to land an amateur radio team on Heard along with the next scientific expedition.

The Northern California DX Foundation had shipped an antenna to Khartoum, Sudan, for use at a station at a "Youth Palace" there. Later activity occurred, as 6T1YP, by visiting Finnish operators.

PROPAGATION

Another new crop of readers have been asking for an explanation of the propagation predictions by N4XX on page 1. Our recommendation is to purchase The Shortwave Propagation Handbook by N4XX and W3ASK; no DXer should be without a copy. In-depth analysis of solar conditions is also available in a newsletter from KH6BZF.

The predictions in TDXB are based on the sunspot cycle, the season, and what happened 28 days ago. Since we are just entering the lowest period of Sunspot Cycle 21, and will be in that period for about two years, "High Normal" does not now mean what it did during other periods of the cycle. Similarly, High Normal in April is not the same as High Normal will be in, say, July of any given year.

It has often been pointed out that during sunspot minimums, there will be a few good propagation days along with a lot of bad ones. The predictions help determine which days are likely to be good, and bad. But the predictions can often be off by a day or two.

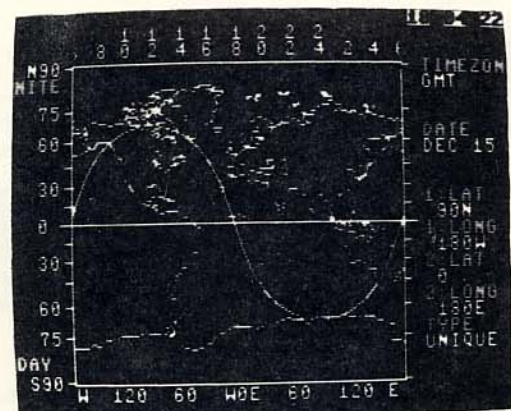
An interesting exercise is to scan the Bandpass section for dates which showed a lot of DX, then go back an issue to see what the prediction was for that day, and check the TDXB chart to see what the solar flux, A and K numbers (geomagnetic activity) were for that day. The correlation is usually very striking.

COMPUTERIZED "DX EDGE" ANNOUNCED

Xantek, Inc., is now offering a computerized version of the popular DX Edge. It is available only for the Commodore 64 computer, and it offers a graphic presentation on screen, with a world map showing Gray Line, sunrise and sunset times, and areas of light and darkness.

The computerized DX Edge can automatically move the Gray Line across the map in real time, change the position of the map to put any spot in the world in the center of the screen, and more.

Ads for the DX Edge can be seen in most recent issues of the "major magazines."



160

4NJ 1827 0327 31 RI
 5FS 1827 0445 27 VT
 7X5AB 1837 0430 27 VT
 7X5AB 1837 0405 28 MA
 7X5AB 1837 0414 28 RI
 AH8A 1845 1105 31 VT
 AH8A 1845 1108 31 RI
 CT0BI 1832 2316 27 VT
 CT2CB 1831 0445 26 VT
 EA3VY 1850 0600 30 RI
 EA6CJ 1832 0528 1 NH
 GB2PX 1844 0513 31 RI
 GI30QR 1850 0626 30 RI
 GM3WTA 1832 0415 2 NH
 HB9AM 1827 0303 30 RI
 HH2MC 1840 0923 31 RI
 H10A 1844 0539 31 RI
 HK0HEU 1840 0649 30 RI
 KH4/NA6T 1827 1100 1 FL
 KH4/NA6T 1823 1215 28 CO
 KH4/NA6T 1826 1015 29 VT
 KH4/NA6T 1827 1005 29 MA
 KH6XX 1826 1100 30 VT
 LU2WM 1833 0330 27 VT
 LU8DPM 1840 0930 1 MA
 NH4/NA6T 1823 1100 31 RI
 PJ2/W1B1H 1837 0540 30 RI
 PT7BZ 1844 0656 31 RI
 PT7BZ 1844 0656 31 RI
 SM7BIC 1834 0444 2 NH
 T77V 1841 0452 31 RI
 TG9NX 1940 0650 30 RI
 UA6BHB 1828 0305 31 MA
 VK2ALN 1835 1028 30 VT
 VK3CT 1830 1303 28 CO
 VK7BC 1833 1025 31 RI
 VK7ME 1835 0435 26 VT
 VS9CHE 1842 0404 1 MA
 VS9CHR 1838 0500 1 NH
 ZL2BT 1838 0930 30 VT

80

3B8CF 3505 0218 27 FL
 3X/DL7AH 3501 0216 24 MN
 3X/DL7AH 3502 0155 24 CO
 3X/DL7AH 3502 0200 31 MA
 3X0HAB 3788 0600 3 NH
 4U1ITU 3797 0204 31 NH
 5N8/KC7UU 3511 0320 25 MN
 5N8/KC7UU 3510 0345 25 CO
 5W1FC 3791 0725 23 CA
 A35EA 3780 1210 27 WY
 A92EB 3796 2300 4 MA
 AH8A 3779 1024 31 MA
 BY4AA 3795 1056 29 MA
 BY4AA 3796 1115 29 MI
 C21DX 3795 1054 1 MA
 C21RK 3786 1140 31 CO
 C21RK 3805 1330 19 CA
 C21RK 3806 1216 25 CO
 C21RK 3808 1151 25 MN
 C6ADV 3796 1145 27 MI
 CN2AQ 3794 2355 27 MI
 CN2AQ 3794 2300 27 NH
 CT2AK 3794 0340 26 WY
 CT3/OH1RY 3788 0640 30 CO
 CY0SAB 3794 1350 28 WY
 CY0SAB 3794 0150 28 CO
 D44BC 3780 0740 31 CO
 D4BS 3797 0057 2 MA
 IDBT 3798 1228 28 WY
 DU7/N7ET 3795 1353 23 CA
 EA6BC 3797 0032 25 TX
 EA9IE 3788 2330 26 WY
 EA9IE 3789 0420 29 MA
 FG4CL 3517 0229 2 GA
 FM5WD 3508 0053 28 CO

FR5DX 3790 0240 4 MA
 FT8XA 3795 1406 26 CA
 H44IA 3797 1200 1 WY
 H44IA 3798 1055 1 MA
 H44IA 3806 1150 24 TX
 HG4OT 3517 0041 2 FL
 JTI1AO 3791 1355 28 CA
 KC6JC 3802 1130 31 CO
 KC6JC 3806 0930 26 CO
 KH4/NA6T 3784 1206 1 WY
 KH4/NA6T 3791 1353 28 CA
 KH4/NA6T 3784 1130 28 RI
 KH4/NA6T 3799 0545 4 NH
 NH4/KD7P 3790 1200 31 CO
 NH4/KD7P 3802 1036 31 MA
 P29JS 3795 1027 4 MA
 RA0FA 3647 1220 26 WY
 SV9/SV0DZ 3507 0135 26 MA
 T30AT 3791 0756 25 CA
 TA1A 3506 0109 31 EU
 UA0ZDD 3649 1250 30 CO
 UJ8JCC 3649 1405 28 CA
 U05GQ 3506 0258 2 FL
 UZ0LWX 3506 1140 31 FL
 VK6AJW 3795 1358 25 CA
 VK6HD 3799 1135 29 MI
 VK9XB 3795 1245 28 WY
 VK9XB 3795 1230 28 CO
 VK9XB 3799 1320 28 CA
 VK9XB 3799 1115 28 RI
 VK9XB 3799 1130 29 CO
 VK9XC 3798 1142 29 MI
 VS6CT 3795 1405 24 CA
 VS6DO 3505 1043 29 MA
 YB9WYT 3790 1212 24 MN
 YC9VX 3799 1410 25 CA
 YD8QYM 3795 1356 25 CA
 ZK2IK 3790 1305 24 CO

40

3B8CF 7027 0226 2 GA
 3B8DB 7006 0250 29 FL
 3B8DB 7007 0244 29 OH
 3B9CD 7005 0200 31 MA
 3B9CD 7005 0216 28 FL
 3B9CD 7005 0200 28 NH
 3D2CQ 7009 1052 3 MA
 3X/DL7AH 7002 0100 31 CO
 3X/DL7AH 7004 0045 24 MN
 3X/DL7AH 7002 0144 31 MI
 3X/DL7AH 7002 0145 31 MA
 3X/DL7AH 7002 0135 31 MA
 4K1B 7003 1110 28 FL
 4K1C 7003 0310 25 MN
 4K1C 7003 1106 28 MN
 4K1F 7004 0220 26 NH
 4K1F 7005 0240 28 MI
 4K1F 7006 0247 29 FL
 5W1FC 7004 1132 1 MA
 5W1FC 7004 1121 1 MA
 5X5BD 7002 2308 31 MA
 7X2AB 7004 0320 26 CO
 9M2FK 7005 1250 28 OR
 A35CQ 7004 1219 27 MN
 A35CQ 7010 1150 28 MN
 A35EA 7003 062X0 31 CO
 A35EA 7004 1215 26 CO
 C31NP 7003 2242 27 FL
 C31NP 7003 2300 27 NH
 CE0ZIG 7007 0327 2 FL
 CQ8CQ 7074 0500 30 (CT2)
 CT3/OH1MA 7087 0340 30 CO
 CT3ET 7009 0121 24 MN
 CT3ET 7010 0230 24 CO
 D44BC 7061 0600 30 OH
 D44BC 7099 0302 30 MA
 DX1IY 7005 1400 29 CO
 EA80Q 7005 0724 29 FL
 EA9KQ 7005 0105 31 CO
 EA9KQ 7005 0047 24 MN

20

1Z9A 14176 1341 24 TX
 1Z9A 14185 1347 25 MD
 3X/DL7AH 14020 2313 23
 4U/VE3KFE 14189 0050 24
 4Z4DX 14177 0211 22 OR
 5N3/W4HHB 14213 2216 28
 5N8ZHN 14195 2230 24 OR
 5X5BD 14025 1900 30 CO
 5X5BD 14025 2200 1 FL
 5X5BD 14025 2120 31 WY
 5X5BD 14026 1730 31 MA
 5X5BD 14026 2120 31 MA
 5X5BD 14026 2235 31 MA
 7X2LS 14182 2130 24 MD
 A35CQ 14003 0530 28 OR
 AP2ZA 14155 1422 24 MD
 AP2ZA 14189 0255 24 CO
 AP2ZA 14189 0300 26 OR
 BY1PK 14209 1249 27 TX
 BY5RA 14025 1140 29 MA
 BY5RA 14226 0115 27 CO
 BY5RA 14226 2325 23 TX
 BY5RA 14226 2300 26 TX
 BY5RA 14226 0140 27 OR
 C44LP 14210 1555 31 (5B4)
 C53FS 14160 2108 24 MN
 CR8CR 14195 2230 30 OH
 CT3/OH0XX 14026 1555 27
 CT3BM 14227 2150 24 TX
 ct3be 14223 2222 30 oh
 CY0SAB 14227 1544 28 MI
 EA8ABG 14021 1309 2 GA
 EA8AFB 14039 2152 29 FL
 EA9IE 14256 2220 30 OH
 EO7L 14025 1620 31 MA
 EV9AW 14220 0305 26 OR
 FM5BH 14170 2322 23 MN
 FO8DP 14029 2255 1 FL
 FT8XA 14031 1227 1 GA
 GI3GAL 14006 1430 29 CO

HL2SF 14015 0029 31 FL
 HL2SF 14196 2352 28 NH
 HV3SJ 14226 1552 23 MN
 HV3SJ 14226 1810 24 TX
 J28EB 14241 1900 30 OR
 JTOEC 14014 0530 26 OR
 JW5E 14023 2147 30 OR
 JW5E 14025 2300 30 CO
 JW5E 14025 0000 31 WY
 JW5E 14034 1700 27 MI
 JW5E 14201 2310 28 CO
 JW5E 14204 1440 29 CO
 JW5EK 14024 0010 30 MI
 JW5EK 14030 1225 29 OH
 KH2/KB6DAW 14227 2155 24
 KH4/KD7P 14028 0240 28 OR
 KH4/KD7P 14024 0300 1 FL
 KN4/NA6T 14194 0044 28 CO
 OD5IH 14245 2236 31 MD
 OX/OZ1DBT 14003 0000 31 FL
 PYOFNI 14236 0005 25 OR
 SV9/SV1JG 14281 2216 30 OH
 SV9/SV5AC 14247 1816 26 TX
 T77C 14028 1453 31 FL
 TF/AI5P 14227 2150 24 TX
 TF5BW 14193 1405 25 MD
 TR1G 14235 2050 31 NH
 TR1G 14235 2102 31 MD
 TR8DR 14191 2229 30 OH
 TR8DR 14214 2200 24 MD
 UA1OT 14200 2112 24 (FJL)
 UD6CN 14005 1540 25 OR
 UD6CN 14028 1454 31 FL
 UF6FCO 14012 1327 24 MN
 UF7FWW 14021 1309 2 GA
 UF7WW 14014 1313 3 MA
 UI8IF 14007 1545 30 OR
 UI8LBB 14016 0302 1 FL
 UL7GED 14067 1333 24 MN
 UL8AWE 14257 1622 30 OR
 UL8LWZ 14197 0530 30 OR
 UL8LXF 14176 0240 23 OR
 VE8GD 14017 2311 31 MA
 VE8GD 14017 1532 31 FL

VK9XG 14200 1318 3 MA
 VS6CT 14240 2333 25 NH
 XT2BR 14211 0209 24 CO
 XT2BR 14216 2143 28 TX
 XX9WW 14211 2325 29 NH
 YB2BNJ 14001 1415 29 CO
 ZC4MR 14226 1813 24 TX
 ZC4MR 14246 1825 28 MI
 ZC4ZN 14246 1842 28 NH

15/10

5T5CJ 21272 1653 30 NH
 AH8A 21291 2110 31 FL
 D44BC 21239 1657 30 NH
 EA8ZO 21303 1841 24 TX
 FO8KW 21301 1941 24 MD
 KH4/KD7P 21295 2200 28
 NH4/KD7P 21300 0145 30
 Z21GM 21299 1807 25 TX

KEY TO BANDPASS:
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 Frequency;
 UTC;
 day of month;
 state.

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QSL INFO

1Z9D W7PHO
 4K1F UQ2GAG
 5X5BD DJ6SI
 6Y5FS G3RFS
 6Y5FS GW3YDX
 A35CQ WA6VNR
 AP2ZA W6NLQ
 C31NP EA3BNX
 C44LP KA3FIB
 CQ8CQ CT2CQ
 CT0BI CT4UW
 EM7BRN UB4RWW
 EM8SCB UC1SWI
 EO1AWL UZ1WWE
 EO7L UL8GWB
 EV9AW UW9WR
 FG5DL F6ARI
 FM4CT N7RO
 HV3SJ IODUD
 IZ9A W7PHO
 JW5E LA5NM
 KC6MR JJ1TZK
 KC7UU K6EDV
 T30ATX G4GED
 TE1W KE5KK
 TF5BW W3HNK
 TR1G TR8JLD
 UA1OT UB5KW
 VK9XB VK6IR
 VP2EC N5AU
 VP2MBA W7FP
 YC8VCH JLI1MWI
 ZC4MR G4SDJ
 4K1C A BAKSSAKOV, POB 204 443010 KUIBYSHEV 10
 A92EM BOX 5486 MANAMA, BAHRAIN
 BY4AA BOX 205 SHANGHAI
 BY5RA BOX 730 FUZHOU
 CE0ZIG BOX 1 EASTER IS.
 CE0ZIJ GUS, BOX 1 EASTER IS
 EA9IB PETER, BOX 213 MELILLA
 EA9KQ BOX 21 MELILLA
 EC9IO LOLI, BOX 213 MELILLA
 H44IA BOX 219 HONIARA
 P29PR R.E.PARKES, BOX 2778 BOROKO PNG
 XT2BR BOX 116 OUAGADOUGOU
 ZD7BJ BRIAN, BOX 25 ST HELENA

CALENDAR

ISSUE 283

CLIPPERTON FO0XX now to April 13(?); I274, 281, 282
 REVILLAGIGEDO XF4 possible after Clipperton; I282
 CAMBODIA XU1SS rumored on again as of Mar 24

PACIFIC WA6VNR has completed 5W1FC and A35CQ;
 ZK2CQ, 3D2CQ to follow this week

GUINEA DL7AH/3X rumored continues until June
 BURUNDI Rumored ON5NT will operate 9U5JB April
 5-15, no lists, no 160

ST BRANDON 3B7 starts April 12, by SM0AGD, LA7XB,
 3B8CF, for 1-2 weeks; Issue 281
 DJIBOUTI By KC7UU possible in April
 PITCAIRN DXPress says ZL4DW/VR6AB there for
 next two months, Saturday best

CRETE DF3GX/SV9 Mar 30-Apr 13, CW only
 FRANZ JOSEF UA1OT and EO1AOK both active
 CHINA BY5RA with W7PHO 14.227/0000Z; Issue 282
 rumored W7IAP there Apr 12-29

CARRIBBEAN K3UOC/PJ7 now to Apr 17; /PJ2 Apr 18-20;
 /PJ3 Apr 20/21; /PJ4 Apr 22/23
 RODRIGUES 3B9CD There until June
 MT ATHOS Rumors fading

S GEORGIA VP8DIS made a few contacts three weeks
 ago; possible again in April

S SHETLANDS 4K1F there on 40, 20 CW

CYPRUS RAF bases DXCC credit Jun 1; I274
 MOZAMBIQUE C90A active, no DXCC credit; Issue 281
 UGANDA 5X5GK active, no DXCC credit

GUINEA/BISSAU J5WAD until November
 MACQUARIE VK0GC likes 75 SSB at 1000Z
 FIJI By JH1RNZ Apr 15-23

CONVENTION FRESNO, APR 19-21; I271
 HAMVENTION Apr 26-28, Dayton
 CONTEST USSR "M" May 11/12

CONTEST CQ WPX CW May 25/26
 VATICAN Rumored by I5FLN, I8AA end of June

MARITIME MOBILE violations are the subject of a letter being circulated by KV4FZ, who claims that unlicensed yachtsmen are using amateur radio to avoid international telephone charges from their various harbor bases. The operators can be found mostly on nets on 14.313 and 21.390, often, according to KV4FZ, soliciting help from unsuspecting amateurs. The letter also claims that some amateurs have been financially compensated for their assistance to the "boat people."

CONTRIBUTORS

K1ABU, KB1BE, P29JS, VP2ML, TOTEM TABLOID,
 K9RHY, K1XN, W4VQ, W1AX, K1SR, K1MEM,
 W1CYB, K1LPS, W8CT, AB8K, K8GG, WB8ZRL,
 W0IJR, KA0CDN, WD5AAM, KC7WG, W4BAA,
 KB8KW/7, KD7SO, N1ACH, KOCVD, KR1G,
 N2KK/6, K6IR, K4BAI, DA2ER.

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