## The DX Bulletin

ISSUE 165 NOVEMBER 8, 1982

PROPAGATION: Nov 8, High Normal; Nov 9, Low Normal; Nov 10, Low/Below Normal; Nov 11, High Normal; Nov 12-14, Low Normal; Nov 15, High Normal; Nov 16, Low Normal; Nov 17, 18, High Normal; Nov 19, 20, Above Normal; Nov 21, High/Low Normal. TNX N4XX.

Flux 1980	F1ux 1981	Date	Flux 1982	Alpha 1982	K '82
185	174	10/27	191	18	3
177	185	10/28	184	15	2
189	191	10/29	177	33	4
205	204	10/30	169	28	3
215	210	10/31	168	25	4
230	232	11/1	162	30	4
238	247	11/2	157	28	3

THIRTY METERS

The Federal Communications Commission released most of the 10 MHz band to U.S. amateurs at 1900Z on Oct 28, exactly the day TDXB had predicted. General class and above amateurs can use A1 and F1 in two segments: 10.100-10.109 and 10.115-10.150 MHz. It is very important to STAY OUT of the off-limits window in the middle of the band because that part is still used by fixed-service commercial stations. Power limit is 250 watts output.

One local W1 worked fifteen DXCC countries in his first five days on 10 MHz, and it has been possible to work Europe, Japan, and Australia simultaneously, around 2000Z. VK3MR has been worked in Connecticut at 0040Z, a strange time for that freq.

IARU Region 2 voted in 1980 that 10 MHz contacts should not count for contests or awards until the band is completely opened to the world's amateurs, a position which ARRL's directors approved at their September, 1981 meeting (Minute 66). So, for the time being, 10 MHz QSLs are not accepted for ARRL awards and contest use is forbidden.

The 1982 CQ WW PHONE CONTEST is history, with higher frequency propagation being somewhat down but 160, 80, and 40 Meters turning out quite good. Single-operator station multiplier totals have been heard in the 130 range on 10 Meters, 140 on 15, and 150 on 20.

A number of Caribbean expeditions did not provide any advance publicity, thus wasting much of their time answering requests for their QSL information. We are compiling a list of these for a future issue and request info on the following: HH2CQ, 9Y4W, FM7CD, 8P6J, ZF2GI, P47N, VP2VIN, VP5B, VP5KP, HBØBHA, VP2MIX, 9Y4VT, and HD8GI.

1AØKM finished up their Oct 2 weekend operation with over 3,000 contacts, of which 1800 were with stations outside of Europe. Manager IØMGM is having QSLs printed now, and he reiterates that there will be NO further operations from the Sovereign Military order of Malta anytime this year.

DJ6SI/T5 came on from Somalia without notice Oct 27 and operated CW until Nov 3. The possible reasons why he kept this operation a secret include: 1) operating permission is granted on the spot; 2) permission may be only verbal, excluding DXCC acceptance; 3) anticipated on-the-air time was very limited and secrecy keeps down the size of the pile-ups; 4) the trip was arranged at the last minute, precluding any advance publicity.

Astronaut W5LFL's proposed 2-Meter FM operation from the space shuttle in October 1983 is causing quite a stir. One local comedian we spoke to suggested that in their lust to work OM Garriott, the Moonbouncers would fire up their KWs and point their multi element death ray antennas toward the space vehicle and blow it out of the sky.

TDXB suggests a national/international lottery system to pick a few suitably equipped stations to work W5LFL/space. The rest could just listen.

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## BANDPASS: Call/Frequency/UTC (plus West, Central, East Coast report)/Date

AP2SQ 14210 14W 24	JT1AN 14225 00E 29	F6FIC/	
AP2MQ 14210 02C 27	J2ØDU 21272 18E 26	TZ 14220 22E 27	3X1Z 21335 18E 26
AP2DY 14207 03E 29	J28AZ 14239 03C 27	F6FIC/	5H3BH 14205 15W 24
BV2A 21350 00E 24	AH2G 3505 12E 27	TZ 14220 00C 27	5R8AL 21344 19E 26
BV2A 14040 12E 27	KX6AA 7006 10W 24	T3ØAT 28023 19E 26	5W1DQ 28505 22C 24
BV2A 14040 12W 27	AH8AA 28575 23E 27	T32AB 14201 03C 28	5W1DM 28562 23E 27
BV2B 14203 13E 29	AH8AA 28555 01E 30	DJ6SI/	7P8BL 21026 17W 28
CN8EA 28612 19E 28	AHØB 28024 00E 28	T5 14025 02E 29	7Q7LW 7014 04E 27
WB3JCN/	M1C 21025 18C 28	OH2JL/	7Q7LW 21312 20E 29
DU2 28537 OOE 27	P29NSF 28545 23E 26	T5 21280 21C 31	8Q7AV 14214 12C 29
NØZO/	P29NSF 28546 00C 27	VK9NS 7006 09C 28	8Q7AV 14221 12C 28
DU2 21024 22E 29	P29AH 14205 11C 27	VK9NS 7072 07C 30	9N1MM 14235 00E 28
FH80M 28512 19E 26	DF3NZ/	VP8AOD 14211 03E 29	9N1MM 14208 12E 28
FK8CR 7080 13C 30	ST2 21292 20E 26	VQ9PG 14207 11C 28	9X5WP 28511 19E 26
FR7VE 14219 14W 24	S79WHW 28511 12C 28	VR6TC 21351 02C 27	
FRØFLO 28517 19E 26	TF3CU 21011 17W 28	YBØACL 28507 00E 27	Please mail reports
HL9KE 21278 00C 31	TL8GE 14227 03C 27	YI1BGD 14211 13E 27	to reach Vernon by
HS1ANJ 14045 00E 27	TL8ER 28029 13C 28	ZD7BW 28505 21E 26	Wednesday, or phone
HV3SJ 21024 21E 29	TL8GE 21292 20E 29	ZD9BV 21335 20E 26	
H44R 28527 01E 30	TU2JL 14220 03E 29	ZK1CG 28575 00E 27	203-871-7699 anytime.
JH6SKC/	F6FIC/	3B8DB 14022 02C 27	
JD1 3507 11E 23	TZ 14220 01W 24	3B8CF 14246 03E 29	

The following report is lifted from the latest issue of <u>Six Shooter</u>, the publication of the Six Meter International Radio Klub, edited by Ray Clark, K5ZMS, 7158 Stone Fence, San Antonio, TX 78227...

TECHNICAL
TIPS: The
following
article,
kindly
written by
Pat DyerWASIYX, is



provided for your education & edification: "It's starting to look like <u>Cycle 21</u> may just be beginning to get set on a downward trend with the smoother solar flux levels (2800MHz, 10.7cm). The smoothed value is obtained by taking a 13-month running average with the middle month being assigned the number (i.e., July-Jan-July). The smoothed flux now has been in the vicinity of (and often somewhat above) 200 for about the last 2 years.

For a comparison, the smoothed flux values for Cycle 19 were above 200 for some 30 months (with a 15-month stretch in there over 230). Cycle 20 never reached those lofty levels, but its smoothed values ran almost flat at 150 for over 3 years.

The best monthly average for Cycle 21 came in Nov 1979 with 233. Cycle 19 had some 14 months at or better than that (the peak month being Dec 57 with 287). Cycle 20's best month came in Jan 68 with just under 190. Cycle 19 had 35 months with averages of over 200 compared to 22 months for Cycle 21 so far. (Between Apr 57-Aug 59, the monthly average never fell under 2001)

Many of us recall the strange excitement in recent years that came whenever the daily flux reached 300 or more. It did that on 10 days so far in Cycle 21 (Nov 79; Nov 80; Oct; Dec 81; Feb 82). Cycle 19 produced 46 such days (ranging from Nov 56 to as late as Aug 59). The best Cycle 20 daily value was 262 (Feb 68).

As close followers of 6-M and the solar flux often found out, the best flux days (even at the "right" time of the year) did not always produce the best DX. A lot of the more-memorable openings came on somewhat mediocre flux days that had well-timed geomagnetic activity (which the F2 layer is more quickly responsive to that it is to solor flux changes).

3D2XN by DK6XN and DK7XR came on from Rotuma Island the first of November; they are now at Wallis FWØXN. Although there was some hope that Rotuma might count for a new DXCC country, chances are slim.

The League's DX Advisory Committee is currently considering DXCC possibilities for an island which does show promise. At least two possible expeditions are being tentatively planned, and will depend on the decision of the DXAC. One well-known DXer says he will go to the island for the CQ WW CW Contest the last weekend of November, if DXAC releases its findings in time. The spot in question is one which no one in his/her right mind would venture to unless it were going to be a new one, and few in their right minds would land on regardless of DXCC. More information should break loose in the next two weeks.

Take a look on 28870, November 14, for either F6FIO/3A2 or 3A2ARM.

New stations are due on from both Kerguelen and Amsterdam, says F6BFH in the DX News

Sheet (formerly Geoff Watts). FB8XAB, FB8ZR, and FB8ZQ are all expected to start later this month. As for Crozet, the wife of Georges, FB8WG, says she expects him home in France by Christmas, but there are rumors that he will be replaced by two hams on Crozet. FB8WG QSL turnaround time is now about a hundred days.

Another Wallis Island coming up...by
Bruce Johnson, VK3DHT, Nov 27-Dec 4. Bruce
says he'll be on "all five bands and all
the usual DX frequencies and nets." He
will operate from the Fijis two days before
and after the Wallis stop. Bruce didn't
mention anything about working the CQ CW
Contest that weekend.

Tahitian amateurs are keeping mum about the rumored November <u>Clipperton</u> operation; speculation is a couple of them are going for a short military job and operating time might be severly limited as a result. The time frame still looks like mid-Nov.

ZL40Y/A and ZL3AHF both leave Campbell Is soon, the former Nov 27 and the latter in December. ZL40Y will show from Chatham in 1983 and ZL3AHF expects assignment in the North Cook group in 1983.

MORE RUMORS in the Mill: Andamans VU7 by VU2VZ in November...G4LJF in Southeast Asia and thinks he can get a license in Viet Nam.. Kaw Thoo Lei government in Burma will further assert independence by changing their prefix to 1ZØ. And a reminder that over a year ago we mentioned that Colombian amateurs are interested in a Malpelo operation early in 1983. Some of them were not happy about the deletions of Bajo Nuevo and Serrana Bank, and it is not known what this might have done to their enthusiasm.

Nothing much was made public about the Peter/Paul Rocks operation at the end of September, except that the QSO total was around 15,000, of which 6,000 were made by K8CW, Alan Fischer.

But Fred Maior, PY7ZZ, did send a nice report on the just-completed expedition to Fernando de Noronha. Fred, PYØZZ, stayed on the island ten days and made 8000 contacts, while PYØCW continued until the end of Oct. Their generator quit and they were without power two days. As the only transportation was by military air transport, they decided to take two transceivers and a vertical instead of one rig and a beam, a good move since one rig died early on. QSLs to Fred Souto Maior, Caixa Postal 557, Recife PE 50000 Brazil SA.

The Pope recently canonized another saint... one Maximilian Maria Kolbe, a Franciscan friar who gave his life to save others in a WW II Nazi concentration camp. Several communities based on Kolbe's particular brand of faith existed before WW II, in Japan, Brazil, and the U.S. Fr. Kolbe and his people in Poland kept in contact with these outposts by radio...he was SP3RN.

A new general-interest amateur "mini maga-zine" is just getting started: Amateur Radio Today (221 Long Swamp Road, Wolcott CT 06716). You can help them get off the ground by sending five dollars for the first six issues. This is still another endeavor by Newington refugees.

The DK2OC Net is meeting at 1130Z on 28745, with G4CHP often M.C. A71BJ is getting up an 80 Meter antenna for SSB only. 7Q7LW will work CW if you ask him.

## CALENDAR

E Kiribati

W2NSD

Africa
YASME

Tonga

Christmas

T32AJ by SMØAGD started Nov 4

In Asia now, HL, BV, 9M8, VS5; I. 163

F6BBJ African operations soon; I 163

Colvins at J2ØDU until end of November

A35TN by VK3DET until Nov 30

VK9X by VK6NE until Nov 10

Taiwan BV2A/B expanded schedule; I 164
10 MHz Open to U.S. use; I 165
Wallis FWØXR by DK6XN/DK7XR on now
S Shetlands CE9AT with W7PHO 21345 at 0100Z

Clipperton Still rumored for Nov

Amsterdam I FB8ZP rumored by F6DWQ mid-Nov Kerguelen I FB8XR rumored by F6GVX mid-Nov E Malaysia Possible by W9GW Nov 7-13 W Carolines KC6YA by W9GW Nov 14-20; CW only Tanzania 5H3BH by SMØs AJU, DJZ, Nov 24-Dec 6

Contest
Wallis
FWØ by VK3DHT Nov 27-Dec 4
Samoa
Samoa
Sw1DW by VK3DET Dec 1-7
Nepal
9N38 by KP2A first of Dec
Contest
ARRL 160 Meter, Dec 4/5

Am Samoa VK3DET/KH8 Dec 8-15

Monaco 3A2ARM by F6FIO Dec 14, 28870

St Kitts VK2K by KCØFW Dec 10-14 Contest ARRL 10 Meter, Dec 11/12 Heard Island January, 1983; Issue 164

Thailand K3ZO in Bangkok for SEANET operating HS1ABD

November 8-21.

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NOTE: If your subscription expired in Oct, this is the last issue you will receive, and you will not receive a second notification of expiration.

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## CONTRIBUTORS

SMIRK, W1XT, W1WEF. VE1BNN, K1CC, PY7ZZ, KH6BZF, W1BL. W1DQH, WØULU, N6RA, AK3F, VK3DHT, WD4RAF, IØMGM, K1XA, W1MLG, N4WB, N1AFC, W7YF, K6SSJ, N4NO, N4VZ, KA1DOS, WØBW, WØLHS, W1VV, KB8KW, N14Y K4BAI, XE1NI, WA4YZF, K6IR, K3ND, AB8F W2HAZ, K2OLG, N2CAP, WD5AAM, KD7H, WD8CRY, KA3R

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JAIMIN, operator of CR9M at the shack of CR9AK, 8/82.

WILLIAM W. PEDERSEW WIHCS ROBERGE DRIVE

**NEWSPAPER** 

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