

The DX Bulletin

ISSUE 168 NOVEMBER 29, 1982

PROPAGATION: Nov 29, Below Normal; Nov 30, Low Normal; Dec 1, 2, High Normal; Dec 3, High/Low Normal; Dec 4, High Normal; Dec 5, Low Normal; Dec 6-9, High Normal; Dec 10, 11, Low Normal; Dec 12, High Normal; Dec 13, Low Normal; Dec 14, 15, High Normal. (Last six days are 54-day forecasts and will be updated). TNX N4XX.

Flux (80)	Flux (81)	Date	Flux (82)	Alpha (82)	K (82)
189	177	11/17	162	6	2
179	167	11/18	176	12	3
177	161	11/19	187	6	3
166	156	11/20	193	4	3
166	155	11/21	206	19	3
176	157	11/22	222	25	1
176	156	11/23	201	24	4

CHINA

BY8AA shows almost daily at 0100Z around 21025-21050, and the chirpy signal is easy to pick out. Pile-ups are ferocious and contacts made have been about equally divided between JA and U.S. We have no reports yet of anyone east of W8 working BY8AA; this station has been much more active than BY1PK...

As of just before CQ WW Contest time we have no further word on BY1PK operation by JALBK and friends, but there is great hope. A note from JALBK received at TDXB Nov 22 made no mention of the impending operation. RSGB's DX News Sheet says VE7BC made about 200 contacts during his visit to BY1PK in October. Finally, if you've worked BY1PK, you'll get a QSL back in about three weeks, and it will be serial numbered (which may help prevent phonies).

HEARD

Plans for the January VKØ operations continue, by both Jim Smith, VK9NS, and by the VK6 DX Chasers Club (and IDXF + NCDXF). Smith is now in Australia making final arrangements, and claims he has signed up his contingent of eighteen hams for the trip. They put up a thousand dollars each and will chip in an additional two thousand more before departure. Smith will make the operator list public after Dec 1. He still aims to leave Australia Jan 1 or 2, and to land on Heard about two weeks later.

As for the other group, word from sources in Australia is that the mountaineering group has finally come together in their arrangements, and the departure date remains Jan 15 (from Adelaide). It is generally assumed that the two groups of hams will be on opposite sides of Heard, with the "Big Ben" volcano between them.

FO8 CLIPPERTON is a no-go at this time; the hams on Tahiti who had hoped to accompany a military

maintenance crew sometime in November have been unable to get the necessary permission, although one member of the military crew is reportedly a ham and might be able to activate Clipperton on the bands the first of December. Several U.S. hams are talking about a full-bore operation sometime next year.

20 METER BEACONS

Looks like another scoop for TDXB! If you've tuned 14.100 lately and been puzzled, read on...a private group in the U.S. has funded eight 14 MHz beacon stations; three are now on the air and the other five will come on about January 1. They are:

Time	Station
XX:00	4U1UN/B Ny, NY
XX:01	K6OBO/B Stanford Univ, CA
XX:02	KH6O/B Honolulu, HI
XX:03	JA2IGY Tokyo
XX:04	4X4TU/B Tel Aviv, Israel
XX:05	OH2B Espoo, Finland
XX:06	CT3B Madeira Islands
XX:07	ZS6DN/B Transvaal, S.A.

The current eight-beacon plan is for each beacon to transmit in sequence every 10 minutes, 24 hours a day. Except for ZS6DN/B, the stations transmit in order from east to west, beginning with 4U1UN/B. The sequence indicated above ("XX" is the hour) is repeated at XX:10, XX:20, etc. As other beacons are added to the net, the keying sequence and keying interval will be changed to accommodate the additional stations.

Here's where it really gets interesting: each beacon transmits in sequence the following CW message, about 58 seconds long, at 20 wpm. Note the step-attenuated power levels:

(100 watts)	"QST de <u>(call)</u> beacon"
(100 watts)	nine-second dash
(10 watts)	nine-second dash
(1 watt)	nine-second dash
(0.1 watt)	nine-second dash
(100 watts)	"SK <u>(call)</u> "

Timing is such that the "Q" of each beacon's "QST" begins very close to the WWV time ticks for the beacon's assigned on-air time. The three beacons under FCC jurisdiction are operating on temporary permission, as they are "unattended." FCC regulations concerning such operations will change Jan 1, making the temporary authorizations no longer necessary. Incidentally, antennas for the beacons are single quad loops. Again, only the first three are on the air now, the rest will begin operation Jan 1, 1983.

P.S. Take a listen now...when there's propagation you can hear the beacons right down to 0.1 W!

Copyright 1982 The DX Bulletin. All rights reserved

The DX Bulletin (ISSN 0279-8077) is published weekly fifty times per year at the following rates: 48 contiguous states \$26 per year (\$32 per year optional first class mail); Canada, Mexico, Alaska, Hawaii, Puerto Rico, APO, and FPO boxes, \$32 per year; all others \$40 per year (airmail). The DX Bulletin is published at 306 Vernon Avenue, Vernon CT 06066. Second-class postage paid at Vernon, CT. POSTMASTER: Send address changes to The DX Bulletin, P. O. Box 873, Vernon, CT. 06066

The DX Bulletin's West Coast correspondent recently cornered Eric Sjolund, SMØAGD, on his way back to Sweden after his six-month Pacific DXpedition. Here are some of Eric's personal opinions, observations, and comments:

Canton Island: "The most stimulating stop. I operated almost all the time, 24 hours a day. I slept only one or two hours, and had trouble with the two callsigns (T31AE and SMØAGD/KH1 -Ed), forgetting who I was. I made a sign which I flipped every day at 2400Z, when I switched calls. I did make 19,000 contacts from both calls."

Palmyra: "I tried to get landing permission from the owners, but they were not at all interested."

Nauru: "You need a visa to stay on the island longer than the next flight out. They don't want any visitors. I managed to stay for three days, but couldn't get a callsign. I met with the local radio club, and operated from the Secretary's shack, as C21NI."

Tokelau: "My favorite stop. The natives were so friendly, with feasts, parties, dancing. Always interfering with the radio operation."

Total Contacts: 47,600 in six months. QSL all to SM3CXS, each different callsign in a separate envelope.

Next Stop: "Sweden. I've had enough for now. Maybe next year..."

On the importance of listening: "I would often announce my listening frequency, but only once, quickly. If they were listening carefully, they worked me. But if they were just transmitting, calling and calling, and they didn't hear the frequency, they had to wait."

Best Operators: "The Japanese, by far. The only problem is when I get the callsign just a little bit wrong, nobody answers."

"Stateside hams will call if even one of the letters is correct. Europeans just call and call."

"On the operating technique of listening every 5 KHz on 10 and 15 Meters: "I really liked it. The signals were not as crowded, and it was faster, much faster than usual with sideband pileups. But next time I will try every ten kilohertz, to give other operators more room."

Biggest Frustration: "I wanted to spend more time with the people, getting to know them, but the pileup was always waiting. The natives thought I was a bit crazy to sit and operate all day and night." Also, "As a former military base, Canton has enormous log periodic antennas. But there was no power to rotate them."

Most ridiculous problem: "TVI in Fiji, where there is no television. The neighbor's video player was picking up my low band signals in the evening. Fortunately, the telecommunications official investigating the complaint was the man who issued my 3D2DX callsign. He took my side."

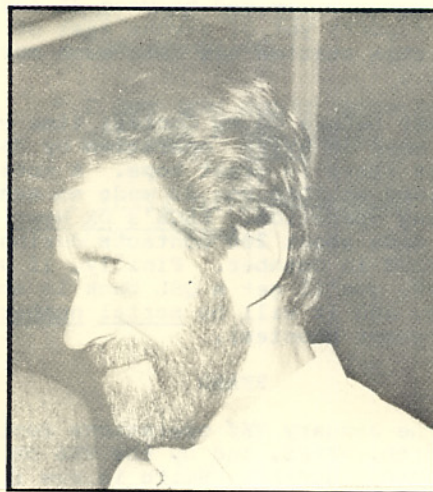
Most Serious Problem: "We shipped the generators and beam antennas ahead by air, but they didn't get there on time. The best I could find locally was a 500-watt generator, so I couldn't use my amplifier. And I had to make do with a vertical, long wire, and windom antennas. I finally caught up with the original shipment before Canton."

Licensing: "The T3ØCB call was the easiest to get, less than a half-hour. T2AGD didn't take more than a couple of hours. FWØAG was also no trouble."

On Yachting: "With autopilot and satellite navigation, there is not much to do. Just lie around and read books and eat, and wait for the next island."

On why he quit his comfortable job in Sweden to start a planned two-year around-the-world DXpedition: "Some things you will have a chance to do only once in a lifetime. When an offer like this came, I took it."

NOTE: for a more detailed report on Eric's Pacific DXpedition, see 73 Magazine, February 1983, DX column by VP2ML. - Ed.



Eric Sjolund, SMØAGD



Fred Maior, PY7ZZ, made his first 400 contacts as PYØZZ (Fernando de Noronha) from this operating position last month.

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

AP2ZA 14211 13E 19	FRØFLO 28546 18E 15	VK5FD 10107 12W 20	5B4JE 28548 14C 14
AP2HA 14027 12E 20	HL1CX 14041 13E 12	VP8ANT 10101 00E 15	5H3KG 14222 15W 14
A71AM 14210 13C 14	JTØLAJ 14003 00E 16	(Antarctica)	5R8AL 7003 04C 18
A71AD 14225 13E 17	JTØGM 14031 01E 19	VP8ANT 10103 00E 23	5T5TO 14025 23E 16
A71AD 3800 02E 17	JTØGM 14029 00E 20	VP8APK 21269 20E 16	5T5TO 14040 01E 20
A71BJ 28542 15E 19	JTØGM 7012 13C 20	(Falklands)	5Z4DA 21292 18E 15
A92CE 14006 03E 20	JX6RE 14029 23E 15	VP8AOE 14207 00E 17	6W8HL 21292 18E 15
BV2A 14025 12E 17	J87BD 28055 21E 14	(S. Orkneys)	6W8CC 21023 21E 15
BY8AA 21050 01C 15	KC4AD 14324 04E 16	VQ9VO 14025 13E 17	7P8CG 21032 18C 18
BY8AA 21049 01C 17	MLV 28585 14C 14	VS5HG 21346 00E 17	7P8CL 21024 18E 19
BY8AA 21048 01E 19	OX3JF 3790 11E 15	VS5HG 21345 00E 19	8Q7AV 14229 01E 16
BY8AA 21037 01E 20	9Y4RD/	VS6DO 7005 12W 16	9J2BO 21031 16E 15
BY8AA 21051 01C 20	SU 28745 13C 19	XT2JT 28007 14E 20	9X5SL 28732 14C 14
CN8CV 28024 16C 14	TR8DR 21014 20E 12	YBØADJ 14232 12E 21	9X5WP 21265 20E 16
CN2OR 10103 04E 15	TR8DR 21029 21E 15	YI1BGD 14201 17E 21	9V1OI 28606 23C 16
CN8EA 28744 12E 15	TR8JD 14010 22E 19	YI1BGD 28530 12E 23	
CN2AQ 3503 00E 17	TU2LB 14200 01E 13	YK1AO 14218 14E 15	
D68AM 21285 19E 15	T32AF 28010 00C 15	ZC4BI 28021 14E 20	
NØZO/	T32AM 14202 13E 21	ZD7BW 7075 06C 14	
DU2 21026 23C 16	UK1PGO 14225 18E 17	ZD7TT 21317 12C 15	
DULNER 28710 23C 17	(F.J.L.)	ZD7HH 21269 20E 16	
4D9RG 14225 12E 18	UAØYAE 7011 01E 19	ZD9BV 28735 13E 19	
NØZO/	UKØYAA 14051 03E 20	ZS3TL 21014 18E 16	
DU2 21025 01E 19	UH8EAD 14014 03E 18	ZS5LB 10145 17W 18	
EA8RL 3505 08E 17	UH8DU 14021 04E 20	3B8FK 14027 02C 18	
FK8EJ 14017 11E 16	UI8ADQ 14016 02C 17	3V8AA 28746 15C 14	
FO8FW 7019 08E 17	UI8LBO 14024 04E 20	3V8AA 28745 14E 17	
FR7ZN 21292 20E 12	UJ8BQ 14026 03C 20	3B9DH 14020 02E 19	
FR7CL 14011 13E 15	UM8MBA 14008 03E 17	4S7EA 14212 12C 13	

Send reports to reach
Vernon by Wednesday
or phone:

203-871-7699

24 hours.

Best contributor of
information each
month wins a free
year of TDXB.

DX CALL	QSL TO								
AHØB	JA2VUP	JW5NM	LA5NM	VU9YOU	K4YT	4U37UN	W2MZV		
AH2N/KH4	AH2N	JX1CY	LA7JO	V3CQ	N6ADI	4X4MS/5N9	DL8MAE		
AH3AC	KB2RV	J2ØDU	YASME	V3DX	N6ADI	5A1BQ	NOT:AA6AA		
AP2MQ	JA3CMD	J88AB	W2MIG	V3TV	G3ATK	5N22ALE	5N3ALE		
AX9NYG	VK6NE	KC6SX	JABOW	WA6LOD/AH2	WA6LOD	5N22ATT	5N6ATT		
A4XGY	K2RU	KC6YE	W6JKV	WB6WOD/CEØZ	WB6WOD	5N9FDR	DF2YA		
A71AE	DF4NW	KX6AA	W4NTI	WD8QGG/KH7	KH6JEB	5R8AL	WA4VDE		
A71BJ	G4HNP	K2OLG/8P6	K2OLG	W4GSM/HC8	W3HNC	5T5CJ	W4BAA		
BV2A	K2CM	N6CW/WP2	N6CW	YBØPG	KB5AS	5T5RR	FLANH		
CE9AT	WB6WOD	N7DUU/NHØ	JALUT	ZB2EO	K3MNV	5W1DM	KB6JK		
CN8AT	OE3NH	OA3AK	W8AVH	ZF2DZ	N3BKZ	5W5DM	KB6JK		
CN8CY	GW3IEQ	OD5FB	WA2QAU	ZLØAEX	K8VIR	6D5XF	XE1XF		
CR9M	JA1HGY	OE2VEL/ZS3	OE2DYL	ZP5XDW	N4DW	6E5AGH	WA6GEH		
CR9T	WA4IKZ	OHØW	OH2BAZ	ZS3AG	WA2JUN	6W8AR	WB4LFM		
CT2CQ	W4PKM	OY9R	K2IJL	ZS3HL	KALJP	6W8HL	WA4VDE		
DA2AR/HBØ	DA2DC	OZ7GI/5N9	OZ7GI	Z24JS	W3HNC	6Y5MJ	K8ZBY		
DJ6SI/T5	DJ6SI	PYØCW	PY7ZZ	3B8DB	K6BDX	7P8CL	SM5GOJ		
DLØHSC/5B4	DF8ZH	P47N	W5AT	3C1MM	EA1QF	8P6J	N6TR		
DL9EJA/3B9	DLØLH	SMØAGD/KH1	SM3CXS	3D6BS	N7RO	8P6KX	K2QIE		
D44BC	D4CBC	S79MC	AK3F	3X1Z	W4FRU	8R1Y	8R1B		
EA9EU	I8UDB	S83MMK	S83H	3Y2L	NOT:K4DYB	9H1EL	LA2TO		
EK9C/Ø	UK9CAE	TL8ER	F6GQK	4D9RG	DU9RG	9H4L	W3HNC		
FH8CL	VE2FOU	TL8GE	F6FYD	4K1A	UA3AEL	9J2BO	W6ORD		
FKØAE	F6EWK	TR8CR	F6AQO	4K1G	UAØUCJ	9J2NO	JA3RLI		
FKØAF	FK8DD	TR8JD	F6AJA	4K1H	UA1CJD	9J2TY	JH3DPB		
FMØGA	N6ZV	TR8OIT	JALLFR	4N6HN	YU6KOP	9M8JS	VK9NS		
FM7CD	F5VU	TU2LM	WA6RUJ	4N9OLY	YU4EXA	9M8NL	VK9NL		
FOØJO	W6GO	T31AE	SM3CXS	4U1ITU	DF3EK	9N1MM	N7EB		
FOØOJ	K6HHD	T32AB	N7YL	4U1UN	W2MZV				
FPØDD	NOT:W3BL	T32AF	WH6AIF						
FPØFSZ	VO1FB	T32AK	W9RCJ						
FPØGXV	KALCFC	UKØIAA/UØT	UAØIAP						
FPØHOG	WØFNO	UK1PGO	UK3SAB						
F6FIC/TZ	F6CRS	U2G	UQ2GW						
GD5BJN	DK2ZO	U9H	UA9OBA						
GD5BLG	DL4FF	VD3GCO	VE3GCO						
GD5CGV	DF7FH	VE8MA	VE4TZ						
GD5DQQ	DJ3TU	VO2CW	VE3ICR						
GD5EPB	DL2SAD	VP2EH	KC5EA						
GD5EPE	DJ5PA	VP2KJ	WB2TSL						
HBØBHA	HB9BHA	VP2MO	KA4BOT						
HC8GI	W3HNC	VP2VHL	N6DX						
HD8GI	W3HNC	VP5AH	WA4DRU						
HH2WW	N4WW	VP5B	N4KE						
HL9TP	N5TP	VP5BAX	N4BAA						
HP1XJC	NR4V	VP5JNX	W9CNC						
HV3SJ	IØDUD	VP5KP	W6SZN						
HW8RU	FBRU	VP5WW	N4KE						
IO2VRN	I2VRN	VP8APQ	G4LPQ						
JT1AN	W7PHO	VQ9CI	KA4UMB						
JW1I	LA4YW	VS6CT	KB9N						
		VS6IC	W2PD						

DX CALL

EL2BE
FK8KAA
FP8HL
FRØFLO
M1V
4X6GP
5Y4DA
8Q7AZ
9L1MS

QTH INFORMATION

Box 1Ø11, Monrovia
PO Box 19Ø, Bourail
P.O. Box 11Ø7, St. Pierre & Miquelon
P.O. Box 2ØØ, Tampon, 9743Ø, France
Peter, Box 1, San Marino
K2VUI, Box 4Ø1, Great Neck, NY 11Ø22
Box 35 APO NY Ø9675
R. Lokuge, H-4 Winds, Majeedi Rd., Male
Box 1292, Freetown, S.L.

CALENDAR

BEACONS On 14.100 now; more Jan 1. Issue 168
 Africa No word yet on F6BBJ expedition; I 163
 Abu Ail G5ACI/AA Dec 2, 3; Issue 167
 Tonga A35TN by VK3DET ends Nov 30
 10 MHz Issue 165

Clipperton Rumored expedition kaput; I 168
 Chad Nothing yet on TT8 by TL8GE
 Iraq YI1BGD active 20, 10 Meters
 Kenya 5Z4JR by OH2BAH now to Dec 1
 Amsterdam FB8ZP showing soon
 Kerguelen FB8XR ditto

Tanzania 5H3BH by SMØs AJU, DJZ, now to Dec 4
 V3MS By WØCP now to Dec 6
 Wallis FWØ by VK3DHT Now to Dec 4
 Nepal Much operation in Dec by KP2A (9N1A),
 WB4NFO (9N38) and JAs

Samoa 5W1DW by VK3DET Dec 1-7
 Contest ARRL 160 Meters Dec 4/5
 Am Samoa VK3DET/KH8 Dec 8-15
 Rodriguez 3B9DA by 3B8DA rumored mid-Dec
 St Kitts VP2K by KCØFW Dec 10-14

Contest ARRL 10 Meter Dec 11/12
 Syria Special events stations Dec 25/26 and
 30/31; Issue 166

BEACONS 14.1 worldwide start Jan 1; Issue 168
 Africa/Asia K4YT and K4DDA travelling there in January;
 itinerary in last issue's Calendar

CONTRIBUTORS

KA1BU, W8UVZ, WØBW, VK9NS, W2IYX,
 DXNS, WA9WWT, W6NZX, KA1EI, N4XY,
 K6GNX, KA1DOS, WA4YZF, KA3R,
 W4VQ, VE1BNN, K4BAI, WØJRN, N4WB,
 AB8K, W1OR, KP4EQF, N4NO,
 WD5AAM, W7YF, WB8ZRL, W1DQH,
 VP2ML, Totem Tabloid

RADIO SWIFTIES

"Please hand me that roll of RG-8
 cable," Tom coaxed.

"The voltage regulator has
 failed again," Tom chirped.

"Yes, I've received that QSL
 card," Tom confirmed.

"Give me a 1000-Hz test signal,"
 Tom intoned.

"That #\$\$¢ DX Hog got me again,"
 Tom squealed.

"I bet you don't have your CEØAE
 QSL yet," Tom egged.

"I still haven't worked a 7P,"
 Tom dodged.

WILLIAM N. PEDERSEN
 ROBERT DRIVE
 AMHERST NH 03031

NEWSPAPER

Second Class
 Postage Paid
 at Vernon, CT

(ISSN 0279-8077)
 306 Vernon Avenue
 Vernon, Conn. 06066

The DX Bulletin