

# The DX Bulletin

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PROPAGATION: April 17-19, High Normal; April 20, High/Low Normal; Apr. 21, Below Normal; April 22, Low/Below Normal; April 23-25, Low Normal; April 26, High Normal. TNX N4XX.

## KINGMAN/PALMYRA

KB7NW, ADØS and W6HTH departed Kailua-Kona the evening of April 7 and have been heard and worked maritimi mobile; they planned to open from Palmyra as ADØS/KH5 on the 16th. Info otherwise is as previously reported with primary activity planned for 10/15/20 Meters as well as 6 Meters. QSL manager for all operations will be ADØS. Kingman Reef KH5K begins about April 23.

## ANDAMAN ISLANDS

JA8BMK and friends were unable to obtain permission for a VU7 Andamans operation (Issue 83); expect to hear them from their alternate expedition spot, Tunisia, about now, mid-April.

## MINAMI-TORISHIMA

The recent KALAA operation was not followed by a KA2 operation as had been hoped; KALAA counted as Minami-Torishima. CW Contacts should be QSLed to KA6CWR, phone to WA4TKR. JA8AQN/JD1 is also on M.T.

## TOKELAU and MELLISH REEF

ZM7TT by 4Z4TT is still expected, and Baruch says he will operate from Tokelau for about a month. If this is so, then Jim Smith, VK9NS, and VK2BJL are going to scrub their Tokelau plans and try for a Mellish Reef operation before the end of the year.

## GLORIOSO

FR7AI/Glorioso will be active for another two weeks or so; he does work CW, as well as SSB, mainly 15 Meters, but he does not like pile-ups. QSL to FR7AI.

## IRAQ

Y11BGD supposedly still shows Tuesdays and Thursdays, after 1900, on 14290. Oftentimes the list is taken and Y11BGD does not show, and mostly the station comes on frequency much later than expected. Patience required!

## AUCKLAND/CAMPBELL

ZL3AFH is reported still active, on a very irregular basis, 20 Meters SSB only after about 0745Z; There has been no pattern to his choice of days of the week. If you have worked him, be advised that no QSLs have yet been forthcoming from ZL2HE.

## SOUTH SHETLANDS

HFØPOL has been active on the very low end of 40 CW around 0200Z; it is a Polish scientific expedition on King George Is., which counts as S. Shetlands. Sometimes they say QSL to the SP Bureau, other times to various (apparently) Polish home calls.

## FRANZ JOSEF LAND

QSLs for F.J.L. to UALOSM (Box 4, Archangel 60, 163060 USSR may be accompanied by IRCs; although the IRCs are not redeemable in Russia, apparently some of them are using them for outgoing cards (yes, we know that's not allowed). A big batch of USSR cards hit the various U.S. and Canadian bureaus recently, and some F.J.L. QSLs were among the others.

—...—

Its that time of the year again, time to get your brassicas into the ground (lettuce, spinach, etc). Ours are out here and doing fine, meaning it will probably snow any moment.

10 and 15-Meter long path are now in full swing, except for April 12-14 when the bands went dead (but wasn't the aurora purty?). One optimistic reporter even says he worked KH3AB from the East Coast long path at 0000Z! (On 10 Meters). Knowing 10, anything's possible. These conditions should last until about the second week of May, and how they hold up compared to last year will be a valuable indication of just how slowly the sunspot cycle is drifting downward.

TDXB HOTLINE: 203-871-6251

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ON5NT will operate TYAll April 19 to May 2, and is also QSL manager for all TYAll contacts. Look for Ghis to use the usual operating frequencies, including a lot of CW.

VK4NIC/3X leaves Guinea April 30; he will take down his International DX Foundation-donated beam and rotor about a week before departure, but plans to continue operating with dipoles right up to the last minute.

VP2VIB (KAØFRW) and VP2VIA (KØPCG) made about 2,000 contacts from Tortola last month, with some 200 nervous no-vices included. QSL all to WØANZ.

Rumors are starting to pick up again about an operation from China sometime even as early as this autumn; nothing can happen until their internal laws are changed to permit radio contact with other countries. As we have already noted, there is considerable activity within China already, with some large radio clubs. VE7BC recently provided shipping for a couple of tons of ARRL publications to China.

And speaking of rumors, Kenwood has no plans of dropping their TS-830S; their small TS120 vfo is being replaced by a new model TS-240. There is still a shortage of some of the filters for the TS-830S.

To the reader who suggested we run an up-to-date list of country prefixes... consider it done in two weeks, when we send you the official TDXB Countries Needed Survey sheet. Also, the new N6RJ "Second Op" is about as up to date as it can be, considering that prefixes change almost weekly.

Someone else asks what our opinion of "UP" is on CW split operation. Well, not more than 3 or 4 KHz is normal these days, as that is the limit of RIT range on most transceivers. And why does almost everyone specify "UP" and not "DOWN"? Hmmm...could it be because every rig we can think of except the OMNI is on Upper sideband when in the CW mode?

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ARRL's recent mailing to all members concerning their radio insurance plan inspired us to talk to our insurance person, who is also a ham. He suggested that the major difference between your homeowner's policy and the additional ARRL insurance would most likely be that the ARRL plan is covering replacement cost while the typical home insurance would only be taking care of fair market value. Depending on what the deductible figure is on your home plan, the ARRL insurance might be less expensive than lowering the deductible on your home insurance.

## FEDERAL COMMUNICATIONS COMMISSION NEWS

Don't look now, but our FCC is on the verge of a proposal which could, if adopted, have great impact on amateur radio and DXing.

First, FCC proposes to deal with the many requests for a code-free license by creating an "Experimenter" class license... "for serious experimenters." They say the written examination requirements will be "substantial." No mention is made of frequencies or modes to be allowed, but international law forbids (at present) a no-code license below 144 MHz. That will change in 1982, as a result of the WARC, to no-code licensees allowed 30 MHz and above. It is expected that this would be a phone-only license, possibly allowing for other more exotic modes also.

Now comes the kicker: as the FCC is under ever-increasing budget restraints, and as the Experimenter license would take some of their funds, FCC is

"proposing that the 20 word per minute telegraphy test required for the Amateur Extra class license be deleted. (They) believe that the need for an expert telegraphy test may be less important to the future of the Amateur Radio Service than the need for a no-code Experimenter operator class license."

This is for real! It is also a scoop for TDXB. The only difference between Advanced and Extra class would be one written exam element (4B). Look for an official release of this from FCC any time.

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Oh, by the way, the "trial" procedure of banning manufacture of linear amplifiers with 10 Meters included (since early 1978) is now permanent. FCC did not want to burden retailers with asking to see an amateur license when they sold a linear, and U.S. attorneys were dubious of the legality of that procedure, too. FCC actually thinks that the ban is keeping linears out of the hands of CBers!

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The latest issue of Radio-Electronics magazine lists a bunch of underground radio stations, including three anti-Castro stations operating out of Miami, on 7053, 7082, and 7090. R-E says best place to look for clandestine radio stations is 6235-6280 and 7325-7370 KHz, in the 0900-1400 time slot. Great Britain is, by the way, the world's leader in illegal broadcasting, with even a couple of TV stations!

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UA4CDC, manager of the Russian DX Net, asks for more North American check-ins: Weds and Fris, 28700 at 1300Z, 21250 at 1400Z, and 14250 at 1500Z. Check it out especially for those rare USSR republics.



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

Low Bands

A7XE/7005/02E/6  
A7XE/7003/03E/7  
GU3KFT/3778/05C/7  
HFØPOL/7001/03E/7  
HH2BM/7192/01E/10  
HKØBKK/3504/03E/6  
HP1XDS/7198/23E/10  
H44DX/7012/11C/10  
ISØOMH/3502/03E/8  
J73RM/3794/03C/6

J5AG/3502/00E/6  
J5AG/7003/00E/7  
KG4ET/7192/01E/10  
N6HR/  
KX6/7007/13W/2  
N4ADJ/  
KH2/7003/11E/8  
OH2BAZ/  
OHØ/7004/03E/5  
OY9J/7012/00E/6  
TL8CN/7004/04C/8

VK6HD/3697/12C/5  
VP2VHL/1826/04C/7  
VP9BK/7010/08W/10  
YC1BZ/7011/13W/2  
ZD8TC/7004/00E/7  
VK4NIC/  
3X/3795/05C/6  
VK4NIC/  
3X/3795/04E/7  
5NØWRA/3502/01E/6  
9V1TL/7005/13W/2

Please mail reports to  
reach TDXB by Mondays.  
Thanks!

Africa

CT3AF/28566/15E/9  
EA8BF/14027/07W/10  
EC9AQ/21020/23E/7  
EC9AQ/21015/01E/8  
FR7BX/14020/13C/4  
J5AG/14023/01W/6  
J5AG/14024/06W/10  
J28CC/28450/13C/8  
DF3NZ/  
ST2/21273/23E/4

DF3NZ/  
ST2/28526/13C/5  
SU1BA/28750/12E/9  
S79RD/21281/20E/4  
TJ1SB/21026/02E/5  
TL8RCR/21355/21C/5  
TL8CN/28045/14C/11  
TR8JCV/14212/01C/9  
TR8DX/21295/20W/8  
TYA11/21275/00C/11  
VQ9AA/14220/12C/11  
ZD7BW/21293/23C/9

ZE2JC/14201/16W/4  
ZE2JS/14047/16W/11  
3B8DA/14031/12E/5  
3B8DB/14019/13W/7  
3B8AS/14015/13W/8  
3B8AS/14001/12E/9  
3B8DB/21293/04E/5  
3D6BS/21355/18E/8  
VK4NIC/  
3X/21302/22E/4  
VK4NIC/  
3X/21300/22E/8

5NØFCA/21309/18E/5  
W3IVP/  
5N1/21356/19C/6  
5V7HL/21294/21E/6  
5V7HL/21298/19E/7  
6T1YP/28522/16C/5  
6W8IH/28068/18C/11  
7X5BV/14208/02C/8  
8Q7AV/21288/01C/7  
9GLRT/28587/14C/5  
9X5PP/21295/20W/8

Asia

AP2MC/14027/13C/4  
AP2MC/14022/13E/5  
AP2ASM/14228/02E/8  
AP2HA/14031/02C/9  
AP2MC/14027/13C/11  
AP2MQ/21307/02C/7  
AP2AL/28585/14C/7  
A4XIJ/21312/22E/9  
A7XD/21280/20C/3

A7XE/21025/19C/4  
EP2MK/14227/01E/7  
JY3ZH/14223/23C/6  
JY9RC/21306/20C/6  
HL9DX/28523/00C/5  
HL1XS/28563/23C/7  
HS5AID/14032/13W/5  
JY9RC/28596/14C/7  
OD5IG/28750/13E/6  
TA2TAT/14027/03C/8

UF6FN/14015/00E/7  
UF6CR/28577/12C/5  
UH8HCM/28510/13C/8  
UJ8XCI/28044/04C/7  
VS6JR/14025/13C/4  
VU2IOC/14023/13C/7  
VU2IF/21292/23E/6  
VU2DK/21040/22W/8  
VU2USE/28522/14C/10  
4S7US/28038/22C/4

4X6AG/21020/01W/9  
9K2AH/21013/12E/7  
9M2GD/14201/10E/5  
9M2RN/28670/00C/5  
9V1UQ/14019/11E/6

Elsewhere

K7CA/  
CE3/21037/06W/5  
W1DV/  
DU2/14023/13C/7  
KP4KK/  
DU2/14031/12C/9  
KA5BXG/  
DU2/14053/13W/10  
DU1EFZ/28508/00C/6  
DU1EFZ/28516/14C/6  
KP4KK/  
DU2/28028/22E/7  
EA6EJ/14005/00E/7  
FC6EFC/14007/07W/8

FO8HA/21008/03E/7  
HV3SJ/21290/20E/4  
HV3SJ/21290/23E/4  
JA8AQN/  
JD1/14034/12E/6  
J1LKUL/  
JD1/21022/06W/5  
JX3P/14217/23C/6  
8P6KX/  
J6L/28514/13C/8  
J73CB/28505/23E/4  
KC4USV/14260/08W/6  
AH2G/14027/13C/4  
AH1A/14221/12C/8  
AH2G/14032/12E/9

KH3AB/28007/18C/4  
KH3AB/28018/00E/10  
N6HR/  
KX6/28537/00C/5  
M1C/21295/00E/7  
M1C/21295/23C/10  
OHØPA/28050/14C/4  
OX3NB/28003/20C/5  
OY7ML/21028/13E/9  
SV1NN/21011/00W/5  
K9QXY/  
SV5/14213/23C/8  
VKØJS/9/28026/00E/5  
VP2VHK/21025/00E/7  
VP2VHK/28024/19C/6

VP8WA/28545/23C/8  
YC2BSF/28696/16E/5  
YC1BUI/28505/15C/6  
YJ8NPS/28520/01E/8  
YS9YS/21340/14E/5  
YS10/28025/18W/9  
ZL3AFH/A/14240/06C/6  
ZL3AFH/A/14320/11E/8  
3D2ER/14035/00W/8  
4K1B/14003/17W/5  
4U1UN/14204/23C/6  
4U1UN/21027/15W/4  
4U1UN/21029/23E/7

ON4QJ sent an interesting item from the German CQ-dl Magazine, wherein they evaluated a number of current radios. The most important figure in receiver performance (from a technical standpoint) being the "intercept point" (the higher the better), here are the numbers:

Radio	Noise Floor	Intercept Point
KWM-380	-124 dBm	+15 dBm
TR-7	-127	+15
TS-830	-134	-3
FT-707	-133	-3
TS-120	-134	-7.5
R-820	-133	-10
FT-901DM	(n/a)	-10
R-4C	-137	-10
IC-701	-125	-11
TS-180	-134	-26

These figures do not reflect what is known as "synthesizer noise," which some operators find highly objectionable. Another consideration is receiver dynamic range, something which is very important if Radio Moscow is in your backyard. And several radios which are no longer made (e.g. Collins S-Line) would be right at the top of the chart...

The ultimate test for amateur receivers has always been at the contest multi-transmitter sites, with stations going on four or five bands simultaneously, often with their antennas stacked on the same tower/mast. Tricks like stubs and coffee-can filters are old hat to the contest crowd; when you are working 28520 and there is a kilowatt going on your right elbow on 14260 staying friends becomes important!



# CALENDAR

Tunisia	3V8	Anytime by JA8BMK; Issues 83, 84, this issue
Palmyra	KH5	Apr. 16-20 by ADØS, W6H7H and KB7NW; Issues 82, 83, 86
Macao	CR9BE	Apr. 25-26; Issue 85
Tokelau	ZM7TT	Anytime, by 4Z4TT; Issue 83 and this issue
Benin	TYA11	By ON5NT, Apr. 19-May 2;
Kingman Reef	KH5K	Apr. 23-26; Issues 82, 83, this issue
Maldives	8Q7	Apr. 25-May 2 by JAs; Issue 85
Hamvention	Dayton	Apr. 24-26
Convention	Int'l DX	Visalia, CA, May 1-3
Benin		By DJ2BW and DL8DC May 6-13; Issue 84
Contest	CQ WPX	CW, May 30-31
Leichtenstein	DALWA/LX	May 23-31; details later
Visitors' Day	At W6AM	June 20; details later
Market Reef	OJØ	July 6 for one week; Issue 75
Monaco	3A	July 10-20 by Dutch group; details later

THANKS TO...

K1NFE, ON4QJ, AL7X, KB7Q, WB5IKX, J11VLV, KØPCG, K8IP, K4NV, W8UVZ, W4VQ, JALELY, J1HGY, W7XF, KB7KQ, W7YF, WB8ZRL, KALDS, W4LCL, N8BKB, N5BBO, W5OSJ, K7WQD, KK5I, W2HAZ, KA3R, WA7OBH, WB8WZS, W1VV, WØBW, XE1NI, W3ODJ, K6IR, W4DRK, KU6J, WALSQB, KB9UV, W9OBF, K1TGX, KB8RT, AFØT.

Chod Harris: When I arrived on  
WALSQB/CEØA Easter Island early

in March, the four hams from Minnesota (NØNO, KØDHI, K4ESQ and WØRIF) had already left; they had put up a 3-element triband beam which Father Dave Reddy, CEØAE, bought, and which was left up for W4PRO and W4GSM to use.

Terry Appleton, W4GSM, and Jim Wise, W4PRO, brought a 60-foot tower, a 30-foot extension for above that, and a 2-element quad. I operated with them in the ARRL Phone Competition and we made 3,000 contacts multi-single.

Terry and Jim took down all the tower and antenna items and gave the entire antenna system to Fr. Dave.

Although I spent most of my time taking photos and digging for old bones, I did make 6,000 contacts, mostly from Fr. Dave's house behind the church in the center of "town." We got Fr. Dave's 30L1 amplifier working for him, and he is now deep in the "country chasing scene." He has 272 but is advancing rapidly now with the new antennas and amplifier.

CEØAE can be found on the ANZA Net (05Z on 21203) and the Pacific DX Net, as well as on a sked with WA3HUP, his QSL manager, daily at 00Z on 21340. Fr. Dave is also working on 5-Band DXCC, needing a few more on 40 Meters but a lot on 80. He does spend a lot of late evening hours operating.

Cesar Nadio, CEØCOJ, is Port Captain and also acting Governor on Easter Is; he runs the newly-formed radio club. The Radio Club of Chile has offered a new Kenwood TS820, tribander, tower and rotor to the club station, CEØAA. This should be up shortly.

CEØCOJ has a new TA-33, a gift from Fr. Dave; he was initiated into the complexities of tower work when he fell through his roof while installing the tribander. He turns the beam by a fishing line. Cesar speaks English as well as Spanish.

Elliott, G3MUV, is on the island to install lights and radio equipment at the airport, which is not instrument-equipped at this time. Air Chile flies Boeing 707 aircraft to Easter without having fuel on board to reach the next nearest landing strip, which is 2200 miles away.

G3MUV/CEØA is active and will work pile-ups, but he does not particularly like them. He will be on and off Easter for about six months, and his QSL address is WD4HMG.

As for WALSQB/CEØA, my QSL manager is K1RH. WALSQB is not good in any Callbook.