

# WEST COAST DX BULLETIN



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January 7, 1975 1-75

SPRATLY Still no definite date on 1S5MC except that it should come time in the new Year. Late word is that XU1DX is thinking of a return to Spratly with Maurice and this may delay things into February. Patience!

COMORO The word is that DJ4RT is supposed to open from FH8-Comoro at the turn of the year and be there for two or three weeks. FHØRX is supposed to be the call.

BOUVET For those who have waited through the years for the weather station on Bouvet, the wait is over!! A station has been installed on the island....it is an automated weather station.

The station is serviced by the Weather Ship RSA when it heads out to ZD9, the Antarctic and other ZS-spots of interest.

ANTARCTIC After the big building up of expectations on the Bouvet item, it is a bit difficult to follow with this one but we will throw it in anyhow. According to a VP8, South Georgia, South Shetland and South Sandwich all have operators from LU-Argentine presently on them. The only problem being is that the VP8 could not furnish either times or frequencies. While many may be waiting for a station signing VP8-South Sandwich or one of the other Souths to show on the bands, it might be well to check those LU-Z, CE9AN-AZ or even some of those 4K1s or similar calls that turn up occasionally. They could surface with an unfamiliar call.

TURKS/CAICOS W1WQC and WA5QYR are due to open this week signing VP5AA and VP5BT. They were flying out of Miami on WA5QYRs Cessna this last weekend and should be on the air about now. Look for them on the lower frequencies, W1WQC is often found on 160/80/40 meters.

SUDAN WB2AEQ/ST1 showed on twenty SSB on Christmas Day and said that he had the license to operate. Gave his handle as 'Jeff' and said to QSL to home QTH. CB lists the call as belonging to Jeffrey Ronner of Pearl River, New York.

CHESTER Chester was in the states around Christmas time, being met in Boston by W1YRC. Chester had the bride-to-be with him and they were headed down for the Washington area.

Chester expected to be back in Ghana shortly after New Years. On his plans for TT8-Chad, Chester is reported to have said that they are still on though nothing is definite as yet. However, it looked promising for sometime in January. On a possible return to 5T5-Mauritania, this is a possibility but nothing definite.

IRAQ As long as we are loading everyone up on rumors this week, there was a report that A5AA was being worked out of Iraq. The prefix is not right and the political situation there would not exactly encourage anyone to expect some changes, at last weekend Iraq and Iran were handing out some hard words towards each other. All these frictions are not exactly conducive to the ongoing needs of the deserving DXers.

COCOS-KEELING ZK1CD, Barry Dundas, left Rarotonga some months back and at the time of his departure said that after being in Australia and New Zealand for a bit, he would be reassigned, the possibilities being either VK9-Cocos-Keeling or to P29--. He was asking for Cocos-Keeling but was not too optimistic about the chance of getting there. However, something may develop again to put this one on the air...



7 January 1975

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W8ZOK

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SUNSPOT LOUIE Cloud cover at the W8ZOK QTH has prevented any sunspot observations since Christmas and at that time there were no sunspots visible. From WWV comes a forecast that conditions should be good through this last weekend and then deteriorate because of some increased geomagnetic activity. There should be some improvement in the January 10-13th period but overall the ionospheric is expected to be unsettled through Jan 18th. Solar activity is expected to be low and MUFs will be below seasonal normals.

A minor ionospheric storm is expected in the January 4-9th period. Sporadic excess attenuation because of solar flares is expected to be a low probability.

Looking backwards, there were periods of attenuation due to solar flares around Christmas time, one period commencing at 1909Z on December 25th and another at 0016Z on December 27th.

Going into the last weekend, Radio Quality was '6' from the 25th to the end of December, actually holding at that figure to January 4th and then slipping to a '5' being forecasted up through this Wednesday.

We would like to find some heartening news but the forecast for November 1975 says that 12-month Zurich moving average of sunspots will be 13. For this December just ended it was 25.

Someone had better figure out some new sundance routines. The old ones are just barely holding their own.

SHORTLY NOTED John Cashen, W6KNC, has forwarded us a report on his journey to the far Pacific a month or so back. At Western Samoa John joined with 5W1AU to run up a very big score in the CQ phone test but says that they did not have enough gear or stamina ...coming up with 3000 QSOs and 2.3million in score. 10mtrs on the Sunday was productive with QSOs running 250 per hour into the states. From Samoa it was one day in Tonga where the only permanent A35 was visited, this being A35AF with a small station and a poor location for the states. John left a crystal hoping he can work split on forty at 7099kc.

It was then on to Fiji and then to Rarotonga, and a visit to ZK1DX. Wyn has a good shot at the states and may try 40mtr SSB. Bill Hoskings in PT&T is the one to see for a ZK1 license...courtesy license free, a permanent one costs \$3.00. ZK1DX may visit Tongareva in the near future on business. ZK1CS, Wade Swoboda, is an ex-W6 but on the wrong side of the island for the states. Included in all of this traveling was some DX research, W6KNC looking for some DX possibilities for future operations. Says he has some interesting prospects.

[illegible]

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WRITE!! PHONE!!! VISIT!!!!

Bob Ferrero K6AHV

Joe Butler K6CAZ



January 1975

SOLAR FLUX AND STUFF Some months back CQ magazine had an article by Ted Cohen, W4UMF, this being titled 'Short-Term Predictions for Ionospheric Propagation'. This was in the September 1974 CQ and at that time attention was called to the article.

During the months since that article there has been increasing interest in the matter of solar flux and a month or so ago WWV starting issuing measurements of the solar flux. By using a simple graph and checking the number given for the solar flux activity, it is quite possible to get not only a quick idea of the conditions of the bands but also what the trend might be.

On the reverse there is a chart compiled by W1AM showing the relationship of the solar flux to band conditions and the cycle it has been following. This was a scratch chart but it is felt that it gives some good information. The article by Ted Cohen in CQ should be studied and there have been other articles on this, VE3AAZ had a good article in the 'Long Skip' of the Canadian DX Assn.

WWV broadcasts 18 minutes after the hour and this is updated each day. The WWV report gives a forecast on conditions for the next 24 hours and two numbers for the preceding 24 hour period, these being the solar flux and the 'A' index. A summary of current conditions at broadcast time and sometimes when there are some unusual happenings, a bulletin on these unusual matters.

The 2800 Mhz component of the sun's radiation is measured for the solar flux. This measurement can be related to an effective sunspot number. You can find a chart on page 30 of the September CQ which illustrates the relationship and how it can be obtained. If a daily chart is run on these, you can get a good idea of how things are going and will be able to forecast your own prospects. Variations can be detected for these often portend worsening conditions. When you get a higher solar flux number, it generally means good conditions and you will note from W1AM's chart that when you get over 90 you are in the land of the deserving DXers.

The other number, the 'A' index gives the magnetic status of the earth. These numbers run from 1 to 160. When you get above 12 you are in the area where there might be disturbed conditions and generally a high solar flux number and a high 'A' index indicates some disturbances and you might expect below-average conditions. On the reverse of this sheet, you will note that W1AM ran several cycles. W4UMF in his CQ article propounded the idea that generally things are poor when the solar flux is below 20 or the 'A' index above 10. W1AM says that this works out on 10/15/20 meters.

An extension of the chart would indicate that conditions should be good between January 8th and 16th and then again the first week of February.

Perhaps others would like to pick this up and plot their own charts. This article by Ted Cohen does seem to offer a valuable aide of working DX and during this low portion of the Sunspot cycle, it might even help you figure on when you might take your vacation.

Also, considering that there have been some DXpeditions which ran into blank conditions, this may help them plan for the best period.

If you would want to look backwards, during the last four months the days when the sunspot number was over 20 and the 'A' index for the magnetic field below 10, they were: October 4,5,6,7,8,9 and 12th. November 1,2,3,4,5,6,7, 19,20. Dec 17,18,20.

ITU 1979 A recent note in BROADCASTING noted that ever since he returned last June from the ITU conference in Geneva on the maritime frequencies, FCC Commissioner Robert E Lee has been brooding about the outcome and what it augurs for the major telecommunication users. He felt that third-world countries had in effect ganged up on the rest of the world and forced the adoption of an allocation plan that major telecommunications user regard as administratively unsound. Commissioner Lee has made his feeling down in an address in November to the International Radio and Television Society.

What troubled the U.S. and others at Geneva, was the action of third-world countries in organizing a caucus 'with little or no engineering support' and successfully pressing for a new allotment table and procedure for coastal radiotelephone bands. The U.S. for the first time in the 109 year history of the ITU, plus seven other countries took 'exception' to the action, indication being that they might not be bound by it. Commissioner Lee suggested that ITU's day as a nonpolitical, coordinating light be over.



W1AM ANALYSIS  
Solar Flux October-December

# SOLAR FLUX (DAILY SUN SPOT NUMBER)

AS FUNCTION OF DAYS  
SINCE PREVIOUS LOW.

SOLAR  
FLUX

EQUIV. SUN SPOT  
NUMBER

180  
170  
160  
150  
140  
130  
120  
110  
100  
90  
80  
70

125

107

91

76

59

43

26

20

10

0

GOOD

BAD

OCT 5

NOV 14

OCT 24

NOV 17

OCT 27

DEC 12

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

DEC 9

DAYS FROM LOW

WCDXB 7 Jan 75



REPORTS FROM RED EYED LOUIE

And hooting at the glorious sun in Heaven,  
Cries out, "Where are they?"

AFRICA CW

CR4BS 14002/2205/Dec 27w  
CR7JK 21027/1815/Dec 23e  
FR7AI/T 14038/1740/Dc 29w  
FR7BB 14025/0430/Dec 29w  
3B8DA 14036/0430/Dec 29w

ASIA CW

KA6WS 14037/0515/Dec 27w  
UD6DJT 14021/1325/Dec 24m  
UK6GAD 14025/1350/Dec 26e  
UM8MAD 14069/1320/Dec 28e#  
VU2GW 14042/1320/Dec 25e#

EUROPE CW

CT2BN 14040/0530/Dec 30w  
DK5ZK 14034/1625/Dec 30w  
DL1RK 14023/0605/Dec 30w  
EI3CP 14035/1700/Dec 27w  
DI8CN 14035/1645/Dec 29w  
F6APY 14034/1630/Dec 30w  
F9BV 14010/0530/Dec 30w

FG8TT 14013/1510/Dec 25m  
GD3FXN 14028/1730/Dec 26w  
GI3JEX 14035/1635/Dec 29w  
G3PYZ 14020/0610/Dec 30w  
I3PNC 14044/1640/Dec 27w  
JX2HK 14030/2130/Dec 22w  
PAØHR 14044/1620/Dec 27w

LA7FJ 14035/1650/Dec 29w  
LX1BJ 14049/1545/Dec 31w  
ON5RL 14035/1705/Dec 27w  
SM2EZE 14029/0600/Dec 30w  
SQ3DG 14038/1815/Dec 24e  
SQ7EWD 14070/1400/Dec 28e  
UK2PAF 14043/1330/Dec 26e

ELSEWHERE'S CW

FO8EH 14041/0100/Dec 29w  
FY7AI 14031/1130/Dec 28e  
HI8FED 14014/0020/Dec 28w  
KV4AA 14032/1135/Dec 28e  
FK8KAA 14051/0600/Dec 29w  
LU7XP 14030/0430/Dec 29w

LU7FAN 14022/0045/Dec 28w  
PY7BIM 14014/0050/Dec 28w  
PY7AES 14019/1145/Dec 29e  
VK3LV 14032/0700/Dec 29w  
VK4WL 14037/2045/Dec 30m#  
VP2ST 14023/2050/Dec 24m

VP8NU 14024/0415/Dec 29w  
VP9HI 14017/2220/Dec 27w  
XP1AA 14037/1655/Jan 1w  
YV5AE 14017/1130/Dec 28e  
ZL1RE 14048/0645/Dec 28w  
8R1J 14006/2050/Dec 27e

AFRICA SSB

A2CCY 21355/1800/Dec 24e  
A2CAF 14195/2035/Dec 30m  
CR4BS 14206/1150/Dec 29e  
CR6OR 21355/1745/Dec 24e  
CR6CA 21327/1900/Dec 24e  
CR6IK 14201/2100/Dec 27e  
CR6WW 14201/2115/Dec 27m  
CR7IS 14208/2100/Dec 30m  
EA8JJ 21355/1840/Dec 24w  
EA8CR 21355/1830/Dec 25e  
EL2FT 21316/1700/Dec 24e  
EL2FU 4218/2220/Dec 30kv  
EL4D 14207/2030/Dec 24m  
EL4D 21276/1650/Dec 24e  
WB2AEQ/ST1 14218/2150 25e  
WB2POJ/VQ9 14203/1945 24e  
WA6HNQ/VQ9 21310/1850/24e

VQ9HCS 21253/1640/Dec 20m  
VQ9GP 14242/1845/Dec 28e  
TJ1AD 21351/1730/Dec 23e  
TU2FG 14193/1915/Dec 24m  
TU2DF 14206/2115/Dec 26w  
ZD7SD 14212/2130/Dec 26w  
ZD7FT 28560/1500/Dec 28e  
ZD7SS 14214/2145/Often  
ZD7SS 21344/2000/Dec 21e  
ZE1BP 21294/1535/Dec 28e  
ZE1EK 14247/2125/Dec 27e  
ZE3BL 21277/1910/Dec 21e  
ZS3XQ 14204/2030/Dec 30e  
ZE1AA 21355/1810/Dec 26e  
ZE4JS 21355/1800/Dec 30w  
ZE5JU 14232/2105/Dec 30e  
ZS3BL 21273/1630/Dec 21m

ZS6DV 14215/0515/Dec 30w  
ZS6WY 21290/1655/Dec 24e  
5T5BC 14241/1340/Dec 28m  
5T5GS 14220/2200/Dec 30kv  
5T5GS 21355/1900/Dec 27w  
5V7WT 21355/1605/Dec 29w  
5U7BA 14333/1025/Dec 30w  
6W8FP 14203/2230/Dec 25m  
6W8FP 21321/1605/Dec 24w  
6W8DY 21355/1810/Dec 24e  
7P8AY 21276/1830/Dec 26w  
9G1AR 14333/2300/Dec 29w  
9G1AR 21355/1810/Dec 27w  
9J2BL 21311/1840/Dec 27e  
9L1JM 21308/1830/Dec 29e  
9L1JM 28557/1805/Dec 27e  
9U4AFR 14209/0720/Dec 27e

EUROPE SSB

CT1SX 21255/1540/Dec 28e  
CT1MT 14221/1945/Dec 26e  
CT1VE 21302/1655/Dec 24e  
CT1QC 21275/1700/Dec 25e  
CT1AV 21311/1635/Dec 24m  
DK8FZ 14203/1530/Dec 24w#  
EA3JE 14211/1800/Dec 26e  
EA6BG 21270/1610/Dec 21m  
EA6BG 14236/1630/Dec 29w  
F2GL 14205/0525/Dec 30w

GI2IBJ 21282/1610/Dec 29m  
HB9NL 14224/1435/Dec 25e  
HB9AEB 14219/1550/Dec 24w#  
M1I 14247/1410/Dec 28m  
OH2BX 14214/1545/Dec 26w#  
ON4QJ 14210/0520/Dec 30w  
ON5KL 14206/1540/Dec 27w#  
SM2CEW 14209/0005/Dec 31w  
SV1DH 14213/1530/Dec 29w  
TF3HS 14333/1950/Dec 29w

UA6HZ 14222/1345/Dec 26e  
UK6GAD 14202/1310/Dec 23e  
UW6DW 14218/1520/Dec 26w#  
UW6FZ 14239/1310/Dec 24m  
YU2EGQ 14232/1520/Dec 26w#  
ZB2BL 14213/2045/Dec 24e  
ZB2CF 14242/1915/Dec 28e  
3A2FB 14210/1405/Dec 22m  
3AØFY 14201/1412, Dec 20m#  
9H3R 21308/1445/Dec 22e



7 January 1975

MORE RED EYED LOUIE

ASIA

SSB

A4XTU 14201/1410/Dec 30e  
A6XB 14215/1330/Dec 25e#  
A9XK 14198/1320/Dec 24e#  
AP2AD 14227/1300/Dec 28e#  
EP2VJ 14221/1316/Dec 24e#  
EP2FR 14240/1330/Dec 27e#  
EP2DB 14207/1350/Dec 26e  
EP2RG 14204/1415/Dec 28e  
HL9TO 14250/2340/Dec 29w  
HS2AIG 14320/1335/Dec 26e  
JY9US 14233/1500/Dec 26e  
OD5FB 14208/1425/Dec 28e

OD5FB 14208/1425/Dec 28e  
OD5ET 14209/1620/Dec 29w#  
UJ8JGJ 14214/1225/Dec 26e#  
UK7GAL 14206/1220/Dec 31e#  
VU2KV 14212/1350/Dec 28m  
VU2HI 14201/1505/Dec 27w#  
VU2DK 14213/1400/Dec 26e  
VU2CAN 14252/1340/Dec 26e  
VU2CK 14213/1235/Dec 31e#  
VU2GDG 14220/1300/Dec 26e#  
VU200 14210/1230/Dec 26e#  
VU2YY 14224/1330/Dec 25e#

VU2YY 14224/1330/Dec 25e#  
XU1DX 14175/1305/Often  
XV8GV 14205/0020/Dec 26w  
YB7AAU 14227/2310/Dec 27e  
YK1AA 14247/1345/Dec 25e#  
4W1GM 14233/1440/Dec 20m#  
4X4WH 14225/1525/Dec 26w#  
4Z4MO 14260/1540/Dec 27w#  
8Q6AC 14239/1510/Dec 25e#  
9K2DC 14202/1325/Dec 27e#  
9K2DR 14233/1345/Dec 21m#  
9V1QM 14205/0030/Dec 26w#

ELSEWHERE'S

SSI

CE3TV 28595/1940/Dec 24e  
FG7XL 21356/2125/Dec 30w  
FG7AR/FS7 21300/2040 24e  
HH2WF 21355/1950/Dec 21e  
HI7LC 28548/1750/Dec 24e  
HI8RXV 21287/1545/Dec 28e  
KC4AAB/mm 14310/0030 31e  
KC4AAC 14267/0325/Dec 28w  
KG4FI 28560/1700/Dec 24e  
KG4NY 14228/1520/Dec 25e  
KG4DS 21355/1800/Dec 24w  
KG4DS 14260/0015/Dec 27w  
KS6FF 14308/0355/Dec 27w  
KS6EQ 14284/0330/Dec 26w  
KV4BW 14333/1030/Dec 39w  
KV4FZ 14320/1300/Dec 26e  
KZ5HT 21318/1440/Dec 25e

LU1ACF 14252/0030/Dec 27w  
OA4F 14206/0050/Dec 26w  
OA4EK 28598/1530/Dec 29e  
OA4US 28563/2040/Dec 26e  
ON4AXA/mm 14208/1130 26e  
OX2BX 14212/1850/Dec 26w  
PY1MCC 14221/0015/Dec 26w  
VK6MK 14222/1150/Dec 26e  
VP2GRN 21294/1825/Dec 26w  
VP2KC 14201/2120/Dec 27m  
VP2AA 14201/2120/Dec 27m  
VP2IG 14207/2110/Dec 27e  
VP2DM 14201/2110/Dec 27e  
VP2LA 14205/1300/Dec 25e  
VP2ME 14204/1435/Dec 29e  
VP2SV 14232/1230/Dec 23e  
VP8ML 14207/0305/Dec 25e

VP8NX 14221/0320/Dec 28w  
VS5MC 14225/0000/Dec 21m  
TG9PK 28570/1710/Dec 29e  
TI8PE 21326/2020/Dec 29w  
TG9MP 14221/0010/Dec 29w  
IN7MHW 21305/1855/Dec 25e  
ZF1RD 14207/2030/Dec 24m  
ZF1BR 21355/1810/Dec 24w  
ZL1ADD 21355/1830/Dec 27w  
ZS1ANT 14211/0320/Dec 24e  
3D2AJ 21355/1900/Dec 28e  
3D2GK 21355/1940/Dec 23e  
3E1KC 21355/1845/Dec 26w  
6Y5RS 14245/2120/Dec 27e  
8P6AZ 14211/2200/Dec 30kv  
8R1G 14333/2240/Dec 29w  
9Y4RM 14202/2140/Dec 25e

40 et 80 LOUIE

CN8HD 3768/0630/Dec 26m  
CN8CG 3796/0655/Dec 26w  
CO8BO 3803/0235/Dec 25w  
CR7IZ 3502/2100/Dec 29e  
CR4BS 3798/0835/Dec 20w  
CE2A 3799/0915/Dec 29e  
CT1UE 3798/0705/Dec 31w  
CT1GK 3794/0650/Dec 26w  
CT2BP 3795/0745/Dec 31w  
CT3AR 3790/0730/Dec 29e  
DL8FL 3767/0720/Dec 30m  
DK5VN 3525/0140/Dec 30e  
DJ5WY 3501/0640/Dec 31w  
EA8CR 3807/0835/Dec 26m  
F2PI 3531/2330/Dec 25m  
FG7AQ 3783/0715/Dec 31w  
G2PU 3786/0740/Dec 29e  
G3IWW 3782/0225/Dec 25e  
GC3YLI 3782/0225/Dec 25e  
EL7F 3997/0300/Dec 30e  
HA5KKG 3527/0610/Dec 22m  
HB9KC 3501/0530/Dec 31w

HI8HA 3807/0045/Dec 30m  
HI8XRG 3797/0640/Dec 28w  
JA2IYJ 3503/1140/Dec 30e  
JA7IJ 3503/0750/Dec 30w  
JR1GFG 3503/0730/Dec 30w  
KG6JAR 3799/1510/Dec 29w  
KP4AN 3791/0125/Dec 31w  
PJ2/KP4 3507/1140 Dec 28e  
OA4AH 3778/0815/Dec 29e  
OJ0MA 3798/0015/Dec 27e  
ON4LJ 3786/0505/Dec 24e  
OZ5DX 3528/2300/Dec 25w  
PA0GMW 3791/0510/Dec 24e  
PJ2CW 3777/0250/Dec 31w  
PY5BVA 3519/0620/Dec 26w  
PZ1AG 3803/0425/Dec 27m  
SM2CEW 3503/1230/Dec 29e  
SM5GZ 3786/0735/Dec 29e  
SM5BLA 3795/1430/Dec 30w#  
UA0FCM 3620/1240/Dec 30e  
UA9VH/JT1 3619/1440/ 30w  
VP2KC 3803/0335/Dec 26m

VP2AA 3815/2230/Dec 28e  
VP1FF 3783/0500/Dec 24e  
VP8HL 3778/0130/Dec 30w  
VP8HZ 3796/0310/Dec 30w  
VR1AA 3796/0655/Dec 27e  
VS6FB 3789/1300/Dec 25w  
VS6DO 3807/1010/Dec 29e  
VU2GDG 3695/0115/Dec 27e  
YB7AAU 3794/1430/Dec 28w  
YU3ODS 3767/0535/Dec 30m  
YU3LA 3780/0530/Dec 24e  
ZF1BR 3807/1130/Often  
ZF1RD 3503/1140/Dec 28e  
ZF1RD 3788/0130/Dec 31w  
ZL1AA 3500/0710/Dec 30w  
ZL2BT 3807/0825/Dec 26m  
ZS5LB 3796/0310/Dec 28w  
5H3GC 3797/0125/Dec 31e  
6W8DY 3798/0800/Dec 31w  
9G1DY 3787/0410/Dec 31w  
9M2DQ 3777/2330/Dec 25e  
9X5PT 3793/0024/Dec 28e



January 1975

# CALENDAR

COMORO FHØRX being reported as active. This should be on until Jan 10th  
SPRATLY XU1DX thinking of joining. Target date now in early February..  
TURKS/CAICOS WA5QXR and friend signing VP5AA and VP5BT until January 12th  
BRITISH VIRGINS VP2VZ from January 12th  
SUDAN WB2AEQ active on twenty SSB  
TROMELIN FR7AI active  
80mtr TEST Jan 11-12th. Check December QST.  
CQ WW 160mtr TEST Jan 24-26th  
ARRL DX TEST February 1-2nd. 1st Phone Go-round. Prepare!!!!  
February 15-16th. 1st C.W. Go-round. Prepare!!!!  
FRESNO April 18/19th. The Big DX Meeting of the Year. PREPARE!!!!  
DAYTON April 25/27th. DAYTON HAMVENTION

## THE END OF RED EYED....

CO2FC	7028/0010/Dec 29e	KZ5WA	7044/0330/Dec 30w	XE1MMD	7043/0345/Dec 29w
CO2DR	7008/0605/Dec 30w	P29MO	7002/1225/Dec 28e	YN1ZGR	7173/0130/Dec 29e
CN8HB	7087/0810/Dec 25w	UT5AA	7003/1250/Dec 29e	YU3DCD	7034/2330/Dec 28e
EA8BF	7015/0900/Dec 29w	UK4WAC	7029/0530/Dec 26e	YV5AXX	7002/0615/Dec 30w
F6BPZ	7086/0025/Dec 30e	VK200	7005/1145/Dec 26e	ZF1RD	7003/1200/Dec 29e
FG7AO	7010/1050/Dec 30e	VK2EO	7003/1920/Dec 29e#	ZS2JL	7013/0400/Dec 25e
I4RNR	7095/2335/Dec 29e	VP2AA	7160/1100/Dec 28e	ZS1A	7002/1740/Dec 30w
JA2BAY	7070/1055/Dec 24e	VQ9M	7002/2040/Dec 29e	3D6AX	7003/0145/Dec 29e
KG6JAR	7007/1245/Dec 28e	XU1DX	7069/1200/Dec 24e	9V1SH	7069/1105/Dec 24e
KZ5BD	7173/0135/Dec 29e	XE1CCW	7173/0125/Dec 29e		

KP4AN 1804/0245/Dec 29e  
PJ9BN 1829/2330/Dec 27e  
VS6DO 1804/1450/Dec 28w

(e = east coast m = middle states w = western reaches kv = virgin islands etc)  
(all times in gmt/ut # = long path ??? = Slim! Not you again.....)

IRCS 9G1AR still has some left after shipping out over a thousand. There are about 250 left with the new 26¢ value. Available at 20¢ each. Send sase with check to Harry Kaklikian, ACCRA, Dept of State, Washington, D.C. 20520  
W2MIG has several hundred IRCS sent him by VP2SG. Ed says he will tearfully part wit these for 21¢ each. Sase to T. Edward Berzin, 47 Palisade Rd. Elizabeth N.J.  
O. 8...along with your order and check.

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