## West Coast <br> D) $\overbrace{\Omega}$ Bull <br> 



November 21,_1978
MADEIRA ISLANDS Martti Laine, OFP3F, will be back in CT3 for the CQ CW Test this weekend and again will be operating at top speed on all bands.
During the phone go-round a month back, Martin was also operating CT3BZ and made 5600 QSOs as a single-operator, this possibly one of the top scores in the contest and maybe even into the record category. Martin is waiting to learn whet EA8CR and 9Y4VT operated by N6AA ran up.
During the contest this weekend, Martin says to watch for him around the following frequencies:
$3505 \mathrm{kHz} \quad 7005 \mathrm{kHz} \quad 14030 \mathrm{kHz} \quad 21030 \mathrm{kHz} \quad 28030 \mathrm{kHz}$
Martin was in the Canary Islands earlier in the month: All the QSLs for CI3BZ go to his home QSL address......

GEORGIA The UKSMAF group are reported as heading again for UF6-Georgia and Zone 21 io operate with their special call-sign during the coming CQ WW CW Test this weekend. They will be again signing RF6F.
The group was active during the phone test fith a strong signal into the western reaches and at times an operator who was high speed s.ll the way. Listen for them this weekend.
The special callsign EX9A heard during the phone test was a special call for the contest. Some say it was UK9AAN, some UK9AAF, some say it was Zone 17. Everyone agrees you should QSL to Box 88 in Moscow.
MALDFRN ISLAND There may be something true-blue here but the true-blue experis afe sort of holding on to their final judgement. This is VEqM.
Discussion on the Pacific DX Net follows this line of slight skepticism, there being questions on the stated 'independence' of Malden as well as the fact that the United States does maintain a claim on the Line Islands there in the Pacific.
The station has appeared on a nymber of bands, sometimes for brief periods. Mike Wren, K8Nw, the possible QSL Manager says he has received a lot of calls, both over the air and via landline, on, this one. Mike says he worked VRøM some weeks back and the station asked if there was any knowledge of a possible QSL Manager. Mike said that he would be glad to assist but that is the extent of his of his knowledge. The station on Malden said that his name was 'Travis' and that the islands had recently received their independence.
You can wait in hope. If there is anything solic it will surface. Meanwhile don't berate $\mathrm{H} 8 \mathrm{~N} w$ for lack of QSIs. He'd like to get one himself.

PETFR ISLAND This one has always been a bit difficult to get a grip on, some of the reports being at times obviously contradictory. We run them all, the truth will glearn through somewheres along the way and the Deserving will be sitting waiting with their Great DX Spoon.
LA2AD adds a bit of reliable information and an excexpt from his letter notes....
It is correct that permission to use the call $3 Y \not \subset B Z$ from January lat to Jeoamber 31 lat hass
been given. However, the island is a nature conservate and therefore the Departinenc for lixiernal Affairs as well as the Department for Finvironment Conservation will have their say in this matter. (Compare this to the Desecheo formalities).
I cannot confirm that permission to operate from the island proper has been granted. In addition, the island is usually surrounded by ice and ice-floes, so, with the small vessed used, "he chances for getting on shore with the equipment are rather thin.

This is a letter written within the last week from Trondheim. There are a number of protiems and the hope is that possibly they can be handled. Meanwhile, Willy De Roos was due so depart Belgium this Friday, November 24 th and return to his vessel in Ghile. He has been issued a new Belgium call, this being ON8RP.
What can you as a certified Deserving $D$ Xer do in these trying times? Wait!! the future will eventually come....maybe Peter Island also.

SUNSPOT LOUIE The sunspot count stays high, the count the day of this chart would, run around 160 or so and DXers are finding the bands open about as much as they might desire. Maybe not completely but getting there.
Truring October the flux got up to 183 on the 15 th , this date marked by flases following minor storms on the 13 th and 14th: The lowest flux figure for October was 132 on Detober 3rd.

During the first half of November the flux got up to 184 on the 5 th , and was overi. 180 on November. 4 ih, 5 th and 8 th. When the flux figure is over 180 and the Ap Index at 25 as. it was on November days, you can expect a bit of DX to be sliding down the moonpzin.
DX being a relative thing, somerimes mgre so, the coming contest shows that into eyery pxors life a bit of flux must fall and the contgot period is expected to encounter or bit/of/Low Normal during its 48 hour mun. And there on the south bank of the Potomac, NLIXX seys that the falling leaves are getting well up around the tower and that maybe even winter will bof here before long. The big question, of cours申, is: "Should we compost...or should we bum?" And while Ted ponders the burning questions of suburbia, he says to expect.....


And in December Cowan will be out with their propagation book. We still think a daily chart will be informative. So does K $\zeta$ EC who now waits for the word from WWV and his QSL from YI2BGD. And down in the border country, Ev says that the Great Flux was....

|  | Solar Flux | Ap Index | Solar Flux Ap Index |  |  |
| ---: | :---: | :---: | ---: | :---: | :---: |
| Nov 6 | 179 | 3 | Nov 10th | 171 | 6 |
| 7 | 177 | 2 | 11 th | 166 | 7 |
| 8 | 180 | 9 | 12 rh | 154 | 25 |
| 9 | 170 | 7 |  |  |  |

Onge in awhile we will get a query that the figures from WWV are not exactly what we parimt here. Actually, the figures often heard from WWV are the preliminary figures, sometimes subject to slight changes. However, the general piciure is noti usually changed by these figures being adjusted.

IHE NHERDED COUNITY LIST The return on the lists has passed the 400 mark and vhis is extimated to be about $65 \%$ of the expected return. The W6s are noticeably more diligent in listing their needs and more input from tie * other call areas will be needed to get some balance into the lists. If you " have not sent yours in, dig it ou, and rush it to W1AM. ve wants all the input possible,
At this point, the top ten run something like....

1. $3 Y$ Bouvet

BY-China
8Z-Neutral Zone
VS9K-Kamaran
XZ-Burma
6. ZA-Albania

1S-Spratly
vk $\varnothing$-Heard
VU-Laccadives
Abu Ail

This will not stand up if more returns are pushed ok of tif. 'the percentages when you get around the tenth spot are bunched up aria could tisily be subject to changes.
The results of the poll and the final summations should start coming in December. You will get a lot of statistics. There are significant changes from the last, list which was published in May 1977. As of las: week whe W6s comprised almost $25 \%$ of the returns.
FRANZ JOSEF UK1PAA was reported on wenty SSB on November 10th, the station being at 14206 kHz at 04002 . There was only one report of the station being worked, this being by a w $\phi . .$.
It is reported that both UK1PAA and UK1PAD should be heard from Franz Josef though UK1PAA is supposed to show on c.w and UK1PAD on phone. However, don't let that stop you. If you hear them anywheres, work 'em!
DODECANESE WALICK is munning a weekly schedule with SV1JH, ihis at 14300 kHz and 1300 Z on Saturdays and at 1900 Z on Sundays. They may shift around a bit due to prevailing conditions but you should find them in that axea.
It is also possible that SV1JH will at times join the W7PHO Family Hour at
" 14225 kHz on the morming long path......moming in the Seattle area that is. Fither way, you might be able to catch one which is never too common.
SEYCHFHLES There is word out of the Seychelles that no new amateur licenses will be issued and the current licenses, while not be cancelled, will not be renewed at their expiration date. This is said to be the official govermment announcement and came after the price for an amateur license was boosted up to $\$ 80.00$. As this apparently did not achieve the desired cessation of amateur activity, the latest is that the current licenses will be allowed to wither away.
This may take a couple of years. S79MC is reported to have a license good for a handful of years yet. S79D is reported to have asked for a renewal some months back but has not heard anything. What does all this mean? Better catch an 579 as soon as you can....they may be an endangered species.

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QATAR ATXAH was being fard recently, working in to the states a week or so back. Ahmed sometimes having trouble with pile-ups and often assisted in sorting thing" out by a JY or 9K2DJ.
The station was worked in the Western Reaches on longmath; 14270 kHz at $1525^{\circ} \mathrm{Z}$. Franz Langner, DJ9ZB, the QSL Manager for A7XAH, dinciates that the 14270 kHz frequency from 14002 would be a good place to watch. Ahmed is the Ambassador for Qatar to Iran and Afghanistan and possibly one of the scarce, if not the only A7 you are likely to hear on the air. The station has also been reported as showing on the Arabian Net at 14250 kHz at 0700 Z on Fridays.
DJ9ZB QTHs for QSLing is: Carl Kistner Strabe 19, D-7800 Freiburg, Brëisgau, West Germany. Sase or Sae/IRC needed.
FRANZ JOSEF UPDATE More on that UK1PAA noted elsewheres. Some have noted that the station signing UK1PAA on November 10th apparently did not understand the Russian language. Also, there is a question whether UK1PAD is on Franz Josef.
Shows what happens when the mailman comes. What looks good on Wednesday is anolher story on Friday.
VATICAN W3US, currently in Europe, has utilized the visiting fireman privileges too get on the air and has operated HV3SJ among other stations, this being in the 1977 CQ Test. Rusty passes along some information on a possible second IVV-Valician station.

This will be HV2VO at Castel Gondolfo, south of Rome. The 'VO' suffix stands for "Vatican Observatory". Keeping the same pattern, the operator al HV2VO will also be named 'Ed'. This operator has previously operated from VU2SX at St Xavier's College in Bombay and is said to a屯so hold LUgLAZ as his own call.
Frequencies.....schedules? Well, right now most of the action is on 144 mHz . The necessary gear is being assembled, the QTH on top of a hill should give a good. shot in most directions and the station should be heard before the end of the year.
HV3SJ is noted as often being heard on Saturdays, sometimes around 21280 kHz , other times at $21410 \mathrm{kHz} . .$. and from 1600Z. Brother Ed at HV3SJ was active during the last CQ WW DX Test and QSLs for Brother Ed go to Clyde Schoenfeld, WGKNH.
This one may be interesting to watch. The Vatican is a city-state by itself, the indicators are the Castel Gondolfo is part of the Italian countryside.
QSLS AND STUFF KVLKK, John Ackley, says that the Desecheo QSLs are all arranged in order, all $5000 \neq$ of them, ready to go and probably will be going into the mails this week.
The report also is that WøDX has forwarded a package of documents, records, permits, etc., to the ARRI for consideration. These probably will not arrive in Newingion until some time this week. There shomld be more informa:ion on his one before Jong but a few should be clutching the Desecheo QSLs in their anxious hands before this week is out.

K1ZZ operated 4 U1IIU during the CQ WW Phone Test October $28 / 29$ th. These conlacts only should be sent to K1ZZ for QSLing purposes. Only October 28/29th!! Dave Sumner, K1ZZ, 661 Strong Road, South Windsor, Conn 06074. Sase or Sae/IRC needed. Dave also notes that during his visit to the station at Geneva that it was noted they are getting QSL requests for $4 \mathbb{U} 10 N$. There's not much they can do at 4 U1ITU in Geneva with these requestis, 401 UN is in New York City.....UN Staff Radio Club, United Nations, Box 20, New York City, New York 10017. Sase or Sae/IRC again needed. Look carefully...there is a difference.

## CODE PRAGTICE CASSETTES

## FEATURES:

| FEATURES: | ORDER \# | OESCRIPTION |
| :---: | :---: | :---: |
| 90.M.NUTE CASSETTES | A4 | 158225 WPM CODE GROUPS |
| MPUTER GENERAUPLICATES | 82 | 22.5/LO HI/LD CODE GROUPS |
| VARIETY OF TYPES AND SPEEDS | B3 | 15/LO HI/LO CODE GROUPS |
| CASSETIES $\$ 5.95$ EA PPD | ${ }^{C 7}$ | 25 OSO'S AT 15 WPM |
| MASTERCHARGE \& VISA WE LCOME | E1 | PLAIN TEXT $\mathbf{1 5 - 2 5}$ WPM |

IAST WEEK'S ISSUE If you got a blank page, and practically everry U.S subscriber did last week, it was not an oversight.

We had mun eight pages of the bulletin, nearing the end of the run for the ninth page, when a pinion gear in the press stripped. This is the gear that supplies the power to turn the various drums, rollers, etc, etc, and when the gear when, everything came to a definite stop. As this was Friday evening at 8:30p.m., there was no chance to get a replacement gear in South San Francisco until Monday.
We mailed everything in the foreign list, all the second-class and ended up with 171 of the first-class that had to be held up.......no front page. Theserwent into the mails this Tuesday and everything was back on track.
Some of the first-class subscribers received the foreign edition of the DX Bulletin. Everything was there except it is a bit smaller. As W61SQ often no:es over two meters..... Everything: in the bulletin is getting smaller......including the type," Actually, only the elder DX types are apt to complain on this item, we reduce to get more in.
Anyhow, back to that blank page. You are getting is this week......on the otherside of this sheet...... and you may now know what happened
SHORTTY NOTYD San Hutson, K5YY, got the QSL cards for his recent Africa trip, they arriving in Arkansas last week and San says they will be going out as fast as he can work the list. He figures that a good portion will be gone to the Deserving by the end of November and he figures to clean up things as quickly as possible. He will be trying to get those out to the Honor Roll types as quickly as possible.

San also notes that for some reason he has been receiving QSLs for GU3YIZ/ GUZEON and GU5CIA. None of this list should come to him and he handles QSLs for no one except his own DXpeditions. He would like to see them stop coming as he camnot do any uhing with them.
KVLAA has passed the 38 K QSO mark. Anyways you look at it, this is a lot of action for a part-time effort. The W6-Group operating in the British Virgin Islands during the CQ Phone Test....they were sigming VP2VEH/VP2VEQ and VP2VER, made over 9000 QSOs in the test. If we remember correctly, N4CW signed
VE2VEQ, N6ZZ signed VP2VER and N6RA signed VP2VHH. All were in the same group and well-known California Contest types.
WøDX, heard from Desecho along with KVLKV, is Iunning the Smugglers Cover Hotel on the north side of the group. This is Bob Denniston, former president of the ARRL and who also signs VP2VI.
On the coming CW go-round for the CQ DX Tests. Buzz Jehle, N5UR, will be down in St Lucia signing VP2LGR. Buzz says to send the QSLs to W5RU.

FH8CY is back in Mayotte and is on the air. There should be a continued level of activity from Mayotte with the rig left there by K5YY during his last East African effort. The rig was supplied by the Northern Califormia DX Foundation to up the level of PH8 activity.

HAITI The North Florida DX Assn is ready for the CQ CW Scramble and will be out again to run up a big Multi-Single score. They have lined up crew of contest operators to ensure that no one suffers for a HH-contact during this test.
Those in on the operation include club members and two visiting firemen. They are:

| WALDRU | Al Harbach | WLORT | George Werner |
| :--- | :--- | :--- | :--- |
| N4TO | Vic Dubois | WBLOSN | Joe Picior |
| W4QM | Dale Streiter | W2SR | Robbie Hamilton |

The last time a Haiti operation was launched by some of this crew, power problems hampered the activity. It was difficult to keep the QSOs rolling when the power was not.
The callsign to be used is not yet nailed down. It might be HH2CQ.....it might be another HH2. What they are aiming for is a big total to surpass the VP2M score made a year back.
There will probably be some phone work before and after the contest but during the Test it will be full-bore c.w. QSL to W4ORT.
MARCUS KA1MI on Marcus has Richard Kobylarz, WB1GXU, there until next summer and the station will be on regularly. Rich is at the U.S. Loran Station on Minami Torishima. This is the same as JD1 and whether you work one or both prefixes, you have but one DXCC country.
KA1MI will be on around 21375 kHz on Mondays/Wednesday/Friday
KA1NC is also on Marcus, this one QSLing to K4JEX. Bill has been heard on ien meters......28628kHz/2100Z. 2100 Z and later seems to be the best time to listen for theee stations.

PETER ISLAAND Willy de Roos was back in Belgium a week back, handling some of the details on the book account of his single-handed NorthWest passage across the top of North America.

Willy has the license from Norway for $3 Y \not \subset B Z$ as well as the permission to land. The present expectation is to land on the island in February, the condition of the ice pack being a factor in the arrival date. Willy will be accompanied by a mountain climber, Jean Dourgeois, who wants to climb the peaks on Peter Island. If all goes well, the stay at the island may be for some months.
The story of the NorthWest passage will be presented at the 'Salon Nautique' in Paris in January. The publisher of the book is pressing Willy to be present when the book is released. If this prevails, the whole thing may be put off for a year. If you should heard VK9XR/mm being signed during December, you will know that the boat is on the way to the sub-Antarctic island.

TE7ZQ will handle the 3YøBZ QSLs if everything falls into line. There have been a couple of versions on this QSL route but VETZQ is definitely the one.
ON6GC is not Willy's call but rather than of his QSL Manager for VK9XR. While Willy is in Belgium, ON5NT, Ghis Penny, is keeping in close touch will developments on the plans for Peter Island

NIGFR K1VSK has arranged for 5U7AG to be available on Sundays and especially looking for the Western Reaches, plus possibly anyone else who may drop in after the long-haul needs have been run through.

Look for 5 U7AG on Sundays, 14265 kHz , from 0500Z. The 'station is mostly interested in any of the Deserving who may need 5 U7 for a new DXCC counter. At the Niger QTH, the schedule time is at 5:00a.m. and though there is a strong willingness to help the Deserving DXer, there is a bit less for those who do not..... The hope is that the Deserving type will be in the foreground.....


SHORTLY NOTED That St Barthelmy Island as a new DXCC counter. This i=s being studied by the DXAC. The claim for DXCC status is apparently based on there being intervening Sint Maarten territory. However, this may not be a sure thing as some say that the distance from St. Martin is not much more than a good span or so.....
The Neutral Zone, HZ1BS/834 cards.......there still was no documents on hand at Newington as of the end of last week. No documents. ...no action.
Remember PAфIWH who was working in Dacca in Bangladesh back in 1974. He was signing/S2. And then he ended up in the slammer with his gear and logs all being confiscated. Anyhow, it looks as though he may have gotten his hands on some of his property as cards for PA $1 \mathrm{IWH} / \mathrm{S} 2$ haye shown in recent weeks. This. is W. Bolkensteyn, paus Leostraat 14, Haarlem, The Netherlands.
And another Tracer of Lost QSLs has turned up one for VS9ARV/Aden. If you have long sought the handle for an Aden QSL from VS9ARV, seek out Ray Vasper, Vale Close House 31, Oakland Road, Forrest Town, Mansfield, Notts. NG19 OEJ, ENGLAND. It did the trick for K9IL.
K6AQV says that while he once handled JY3ZH QSLs, the route now is via DJ9ZB. This is the current route being given out by $J Y 3 Z H$ and anything via K6AQV will do little good on this one. K2BT, having survived one outing, notes that the current manager for VR3AH is WBlPRU...... Forrest having spent more time than he wanted in the trenches says that he is out of the action.
Those who may have ordered the carvings from Pitcairm Island, Clarice Brown says that a bunch of orders arrived at the island on September 30 th and are being filled out immediately to catch the next boat. Clarice wrong on October 3rd, the letter was postmarked October 13 th and arrived here on November 17 th. Because there is no certainty when a vessel will stop, Clarice says that it is best to have everything at the Post Office and ready ta go. If you ordered, things should be showing soon. If you have not, we will run the list again before long.
The Delta DX Club is handling QSLs for KM6BI/OY8KH/FG7TD/WDLCEM/KHL/VP2A(Feb-Mar 75), and K50A of the club also handles KM6FC and KM6FD.
ZS6WW will be active in the DX Test this weekend, Oliver testing an Fighty-metier antenna this last weekend. TGØFrRACAP goes to: Federation of Radio Amateurs of Central American and Panama, Box $\varnothing \varnothing$, Guatemala City, Guatemala.
The Mellish Reeef/VK9ZR QSLs are being printed in Japan and will soon be shipped to VK-land for distribution. W1DA on the PYøRO/PWøPP QSLs says that he got the cards the end of October and about 1500 to 2000 have gone in the mails so far. The total QSOs was just over 5000 and George figures that he will clean up the back-log in another week or so. They are coming out.....
The Potomac Valley Club at PJ9JR in Curacao for the CQ Phone Test made roughly 32.4 million points with 14.8 K QSOs. These are rough figures subject to revision but the point total is expected to be well over 30million.
The National Capitol DX Assn presented a plaque to OE6EFG for his work in helping with the YI1BGD operations. The engraved plaque was presented at DXPO 78 and reads:

The NCDXA Award of Appreciation
To Dr. Selim EI- Fafai, OE6EEG, for your help in making contacts with YI1BGD possible
Presented on behalf of the DX Fraternity
by the National Capitol DX Association
1978
There we are....out of space again and next week we go to a clean-up formation

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*============================================================================**
* * * * * * * * * * * DIRECTORY OF STATESIDE QSL MANAGERS * * * * * * * * * *
*============================================================================**
* Computerized listing of over 1300 QSL managers. *
* Uomputerized listing of over 1300 QSL managers. Updated weekly. Most accurate source available. *
                                    $7.00 plus 41\phi postage.
    * Gary Yarus,WB\emptysetMSZ, 921 N. Clay Ave., St. Louis, Mo. 63122 *
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Of all the languages on earth
In which the human kind confer，
The master speaker is $D X$ ，
It is the Great Interpreter

TEN METERS THE MUSCUIAR！
C21IB 28520／2130／Nov 11W C5AAQ $28553.1130 /$ Nov $6 e$ WA6Fifio／DIT 28628／0000 7e EI9Q $28577 / 1550 /$ Nov $11 e$ GW3NNF 28564／1610／Nov 11e GUSCIA 28549／1330／Nov 4 e GM4LVG 28592／1405／Nov 10m GWLGSS 28515／1910／Nov LW FP8MX 28530／1745／Nov 6m HV3SJ 28600／1720／Nov 11w IYØKW 28605／1630／Nov 5w ISめUSU 28596／1425／Nov 10m JW7FD 28510／1435／Nov 7e

CN2AQ 28039／1535／Nov 8W DM3XM 28029／1440／Nov 9w DL9XG 28017／1700／Nov 5m HP2IA 28030／1335／Nov 11e F6EAN $28037 / 1620 /$ Nov 13w FMDAF 28030／1905／Nov 7w GJ2FMV 28024／1510／Nov 8e GD4AM 28021／1740／Nov 9w

KJ6BZ $28568 / 2030 /$ Nov $10 e$ 0 OHNJ $28565 / 1325 /$ Nov $6 e$ OH申NE 28580／1700／Nov 9w OA8BA 28616／1620／Nov 5e OZ9KZ 28715／1740／Nov 6e RA9FLZ 28612／1315／Nov 6e SM 3GUE／4J 28523／1355 5m SM5HBP 28685／1700／Nov 6e SP9AI $28516 / 1445 / \mathrm{Nov} 10 \mathrm{~m}$ SV1AE $28667 / 1615 /$ NOv $11 e$ VE6BGU／SU 28525／1245 TF3CW 28511／1500／Nov 10m TF 3YH 28558／1600／Nov 5w

GD3YDB 28018／1410／Nov 9w GILDQO 28017／1650／Nov 5m HKø BKX 28020／1255／Nov 6w KV4KV／D $28035 / 1720 / \mathrm{Nv} 9 \mathrm{w}$ IX1JT 28023／1545／Nov 8m OK2BDP $28034 / 1615 /$ Nov 13 w UAфOF 28028／2335／Nov 6e UAбLAG $28030 / 2340 /$ Nov $6 e$

TGOFRCAP 28563／2245 Ge TR8AC $28525 / 1445 /$ Nov 4 m TR8GDC 28519／1300／Nov 4 m UADSGI 28603／0210／NOv 10 w UAфJJBN $28584.0210 / \mathrm{Nov} 10 \mathrm{w}$ UGGGAF $28553 / 1410 /$ Nov 4 m UALCAQ 28565／1355／Nov 6e UP2BRZ 28565／1325／Nov 6e UQ2OAZ 28578／1335／Nov 5m VPaMS 28548／2200／Nov Be V02BK $28543 / 1610 / \operatorname{Nov} 5 e$ VR1AW 28527／2330／Nov 6e VRめM 28512／2155／Nov 10e UAфJBD 28050／2350／Nov 6e UC20CH $28030 / 1505 / \mathrm{Nov} 8 \mathrm{e}$ UF6CX 28016／1305／Nov 8e UK8EAA 28008／1300／Nov Be UL7AAB 28034／1315／Nov 8e UR2RAV 28025／1350／Nov 3m JQ2GBW 28065／1425／Nov 11e UT5EW 28018／1400／Nov 11e

|  | 205，27／0025／Ncv 9w |
| :---: | :---: |
| VS6AK | 28527／0025／Nov |
| YOLIBZC |  |
| ZS112 | 28 |
| ZS5FE | $28533 / 1850 /$ Nov 9 |
| $3 \mathrm{B8CI}$ | $28522 / 1805 /$ Nov 10 e |
| 4NOD | 28510／1700／Nov 5w |
| 4U1ITU | 28 |
| $5 \mathrm{H}^{\text {3 }}$ BP | 28616／1605／Nov 5e |
| 6W8DY | 28548／1800／Nov 12m |
| 7X2DG | 28552／133 |
| 7 X 4 MD | 28509／1525／Nov |
| 8P6 | 28604／1350／Nov |
| YOCLIC | 28029／1630／Nov 13w |
| YU3US | 28000／1630／Nov 7w |
| LNQD | 28052／1315 |
| 4 K 4 MiR | 2．0012／1545／Nov |
| 9 H 1 CH | 28007／1420／Nov |
| 9H1ED | 28015／1235／Nov |

w VS6AK 28527／0025／Nov 9w． YOLBZC $28556 / 1345 /$ Nov $4 m$ ZS1IN 28592／1850／Nov 9e ZS5FE 28533／1850／Nov 9e 4NOD 4U1ITU $28506 / 1430 /$ Nov 7 e 5H3BP 28616／1605／Nov 5e 6WBDY $28548 / 1800 /$ Nov 12 m 7X2DG 28552／1335／Nov 5e $7 \mathrm{XLMD} 28509 / 1525 /$ Nov $11 e$ YO213C $28029 / 1630 /$ Nov 13 w YU3US $28000 / 1630 /$ Nov 7 W LN\＆D 28052／1315／Nov 11e $9 H 1 \mathrm{CH} 28007 / 1420 /$ Nov 9 w
9H1E：D 28015／1235／Nov 6m

LOW EAND IOUIE

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| :---: | :---: |
|  |  |
| CNBAD |  |
| CTLHW |  |
| CTLTE | 700 |
| 35 HF | 7005／0625／Nov |
| DJ8WL | 7002／0500／Nov |
| DM2FA | 700 |
| VN | 7023／0505／Nov |
| EA2IA | 7011／0555／Nov |
| A6C | 7017／0645／1 |


| GI5UR | $702$ | 9 e | LACLW | $7002 / 2135 / \mathrm{Nov}$ | 8 e |
| :---: | :---: | :---: | :---: | :---: | :---: |
| IJJDR | 7005／2125／Nov | 8 e | OK1AWQ | 7007／2240／Nov | 6 e |
| CMLIQY | 7024／0730／Nov | 7w | ONGGU | 7003／2215／Nov | 9 e |
| HA3PQ | 7005／2125／Nov | 8 e | ON6HX | 7002／0640／Nov | 10w |
| HA3KGC | 7010／0300／Nov | 6 e | SMLHVK | 7013／2055／Nov | 8 e |
| HB9KC | 7005／0630／Nov | 9w | UB5LI | 7005／0500／Nov | 6 |
| HI3PC | 7002／2235／Nov | 9 e | UC20Q | 7002／0245／Nov | 9 e |
| ISDIMN | 7001／2250／Nov | 6 e | UK1ADK | 7006／0350／Nov | 9w |
| I1IGI | 7002／0605／Nov | 7m | UK2rax | 7016／0635／Nov |  |
| JJaAG | 7012／0300／Nov | $6 e$ | UR2REE | 7003／2115／Nov |  |
| LZ2KC | 7010／0450／Nov | 6 m | UQ2 | 7005／0610／ |  |

UK2AAP 7011／0330／Nov 9w UY5UZ 7017／0300／Nov 40 Y09AEL 7006／0305／Nov 6e VRøM 7005／0435／Nov 12w 3D2MD 7005／0600／Nov 13w Lस्र4J5 7004／0240／Nov Le． W6 LL／6Y5 700 L／0600／Nv13W 7XLAN 7002／0010／Nov Be 9J230 7002／0400／Or Leri

| 7 P 8 BC | 21355／1800／Nov 13w |
| :---: | :---: |
| 7 X 2 ND | 14216／0415／Nov 9m |
| 7K2LS | 14199／0420／Nov 9w |
| 7X2DG | 14218／0110／Nov 6m |
| 9 J 2 TN | 14237／0345／Nov 7e |
| 9 J 2 N | 14210／0400／0r ien |
| $9 \mathrm{S2TJ}$ | 21280／1815／Nov 4 w |
| 925 ITU | 14254／2210／Nov 10e |
| 9J2KM | 14242／0425／Nov 10w |
| ZD9GH | 14240／2230／Nov 16w |

7X2ND 14216／0415／Nov 9m 7X2LS 14199／0420／Nov 9w 7X2DG 14218／0110／Nov 6m 9J2IN 14237／0345／Nov 7e 9J2JN 14210／0400／0sien gJ2tJ 21280／1815／Nov 4 W 925 ITV $14254 / 2210 /$ Nov 10 e 9JこKM 14242／0425／Nov 10w ZD9GH $14240 / 2230 /$ Nov 16 w

| BE | 14205／1600／Nov | ZD7SS | 14204／2055／Nov |  |
| :---: | :---: | :---: | :---: | :---: |
| FR7BI | 14202／1420／Nov 6w\＃ | 2E1EK | 21355／1945／Nov | 13 w |
| J28AZ | 14224／1630／0ften | ZS3AG | 21355／2000／Nov | 5 e |
| J28AY | 14204／0335／Nov 10e | 5H3BP | 21416／1535／Nov |  |
| SIDHF | 21254／1910／Nov 8m | 5 Jtag | 14272／0535／No | 5m |
| ST¢ ${ }^{\text {S }}$ | 14225／1500／Nov 12w\＃ | 5 Z | 14212／1500／1 | 11血 |
| S79WHW | 14224／1630／Often | 5Z4RV | 14202／2050／N | 11w |
| TR8RG | 14205／2335／Nov 10w | 5 S 5 ZR | $21355 / 1815 / \mathrm{Nov}$ |  |
| WA 3 WAQ | TJJ1 14272／0540 5m | 3B8DA | 14226／0245／Nov |  |
| TU2AZ | 14222／0300／Nov 5m | 6 W 8 DY | 21354／1825／Nov |  |


| 5N2DX | $14004 / 0030 /$ Nov 11 m |
| :--- | :--- |
| 5N2SR | $14044 / 2245 /$ Nov |
| 5ZLCW | $14065 / 0005 /$ Nov |
| 5m |  |
| 7X4AN | $14008 / 2320 /$ Nov 11 m |


EURORE CW

FA6DD $21003 / 1505 /$ Nov 10 w EA5EV 14006/2330/Nov 7m gU5CIA 14026/0215/Nov 9e
EJ8H 14027/0200/Nov 11m??
HA5YB 14018/1510/Nov 7w\#
HV3sJ $21030 / 1850 / \mathrm{Nov} 12 \mathrm{w}$

## EUROPE SSB

CT2BB $14203 / 2250 / \mathrm{Nov} 10 \mathrm{w}$ CILGO $14204 / 0335 / \mathrm{Nov} 9 \mathrm{~m}$ EIBH 21290/1945/Nov 5w GDluHOO 21264/1700/Nov 12m GM3CVJ 21295/1345/Nov 6e GU5ZC 21285/1725/Nov 7m
ELSEWHERRES CW
FP8FJ 14007/0305/Nov 11w FWTTWO 14020/1105/Nov 12w FMDXF $14012 / 0130 /$ Nov 13 w KGLRM 14030/0030/Nov 13 W KX6MS 14054/0910/Nov 8m W申DX/D 14025/1415/Nov 8e

ASTA SSB
AP2IN 14211/0305/Nov $7 e$
AP2KS 14202/0320/Nov 10e
AP2UR-14215/1315/Nov 10 e
AP2KS $21280 / 0225 / \mathrm{Nov} 10 \mathrm{w}$
A4XIW 14232/1515/Nov 8will
CR9AT $14225 / 2300 /$ Nov 5 m
HP2NC 14226/0330/Nov 10 e
EPP2LI 14208/0530/Nov 8m
FPP2FB 14203/1500/Nov 11w\#
EP2JJ 14223/1250/Nov 7w
EPS1WR 14209/1450/Nov 6m
HS1ABD 14219/1455/Nov 9w

The man who never in his life
Has washed the dishes with his wife
Or polished up the silver plate-
Is a DXer, par celebrate......

ESS1AIV 14219/1455/Nov 9w HM1NXS 21330/0100/Nov 10w HZ1TA $14202 / 1325 /$ Nov $6 e$ KA1NC 14280/0515/Nov 13w OD5EP 14202/1330/Nov 12e OD5EP $21264 / 1700 /$ Nov 12m JY3ZH 14202/1325/Nov 6m\# JY5HH 14201/1355/Nov 11e UAGODK 14207/0315/Nov 10e UFGVAG $14227 / 1500 /$ Nov $7 m$ UF6DZ 14209/0600/Nov 5m UFGRB 14218/0410/Nov 5m $\begin{array}{ll}\text { UF6CX } & 14223 / 0400 / \text { Nov } \\ \text { UG6AO } \\ 14219 / 1425 / N o v & 6 w\end{array}$ UI8AAK $14232 / 0440 / \mathrm{Nov} 5 \mathrm{~m}$

ISфCTA $14001 / 1635 /$ Nov 10 w IT9WOE 14036/0645/Nov 8w LZ1NP 14020/2100/Nov 9e OH5LZ 14015/2045/Nov 9e OK2BPJ $14018 / 2200 /$ Nov 10 w OY'7m 14026/0110/Nov 7m

UF6CX 14028/0355/Nov 7e UF6FBX 14041/0415/Nov 11m UF6DZ 14036/0505/Nov 9m UG6IT 14028/0530/Nov 8e UH8HBR 14033/0355/Nov 8e UI8ADQ 14029/0330/Nov 9m UT80K 14070/0235/Nov 9m UI8FAK 14010/0355/Mov 10e UG6GAE 14008/1325/Nov 11e UJ8AC 14022/0200/Nov 10w UJ8AG 14029/0320/Nov 11e

UK7YAB 14030/1520/Nov 7w\# UK7JAC 14038/0345/Now 14W UK7FAR 14040/0335/Nov 7e UK8FAA 14060/0410/Nov 9m UL7LCO 14007/1555/Nov 11w ULTGAV 14012/0250/Nov 10w UL7TBO $14023 / 0245 / \mathrm{Nov}$ 10w ULTEAR 14001/0400/NOv 11m UL7JG $21082 / 1300 / \mathrm{Nov} 8 \mathrm{e}$ ULTEAZ 14047/0425/Nov. 7 e UMBAP 14031/0340/Nov 7e

Vu2VIN 14027/0320/Nov 7e VU2GW 14035/0135/Nov 9e vuemCX 14036/0135/Nov 9e VU2KMK 14028/0135/Nov 10e VS6FI 14032/1455/Nov 9m VS6BB 14005/1625/Nov 11w 4S7NE 14031/0100/Nov 10ë - $4 \mathrm{XLCEJ} 14005 / 0445 /$ Nov 12 e $5 \mathrm{BLPW} 14050 / 0145 / \mathrm{Nov} 7 \mathrm{w}$ 9V1TB $14025 / 1415 /$ Nov 7 w

UI8FAI 14230/0345/Orten UK7NAQ $14223 / 0300 / \mathrm{Nov} 10 \mathrm{w}$ UL7LA 14216/0420/Nov 9w ULTIA $14210 / 0335 / \mathrm{Nov} 6 e$ UM8MBW 14216/0340/Nov 10e UG6AI 14185/0350/Nov 10e VU2TS $14204 / 1220 /$ Nov $10 e$ VU2YY $14205 / 1320 /$ Nov $6 \mathrm{~m} \#$ Vu2XW 14207/1355/Nov 11e VURUGI $14218 / 1235 /$ Nov $6 e$ vu2xx $14205 / 1245 /$ Tov $6 e$ VG2BX $14220 / 1235 / \mathrm{Nov} 9 e$ VS6HJ 14210/1305/Nov 10e VS6EG $14210 / 1440 /$ Nov 8 w VSGHJ 14204/1450/Nov 6m

VS5DC 14220/1445/Nov 6m YI1BGD $14211 / 1455 / \mathrm{Nov}$ 9in\# YI1BGD 14275/1425/Nov: 5m YI1BGD 14205/1445/Nov 10 w OE2SJL/TK 14215/0100 De VE3BWK/4U 14222/1435 10m 424 RV 14212/2040/Nov 6m 4 44 GH $14212 / 0400 /$ Nov 10 e 4S7JD 14208/1220/Nov 10 e 5BLDI $14215 / 14 \mathrm{~L} 5 / \mathrm{NOV} 6 \mathrm{~m}$ 5BLEFF 14201/0550/Nov 9w 9K2DI 14207/2040/Nov 8m 9K2EZ 14267/0515/Nov 5m 9VØFEA 14227/1705/Nov 11w 8Q6PS 14210/1530/Nov 12w

UC2AF $14034 / 0205 /$ Nov 18 m UP2PCN 14032/1630/Nov 10w\# EP2AP $14005 / 1345 /$ Nov 11e UP2BEI $14003 / 1415 / \mathrm{Nov} 8 \mathrm{~m}$ UQ2GFM $14005 / 1640 /$ Nov $9 w$ U05SM $14006 / 1300 / \mathrm{Nov} 5 \mathrm{~m}$

ए050ㅍI 14028/1420/Nov 8m UR2ZN 14021/0425/Nov 11 m UY5EN 14029/1500/NOv 8w YO9BGV 21014/2010/Nov 12w YU3DBA $H 023 / 1515 /$ Nov $7 \mathrm{~m} \mathrm{\#}$ YU5XC 14021/1505/Nov 8w

ISDIIT 14209/0705/Nov 8w JW7FD $21355 / 1820 /$ Nov 8w ILA1NG $21355 / 1830 / \mathrm{Nov} 8 \mathrm{w}$ LAgOV 14201/1445/Nov 11w\# IJJ2M 14243/0600/Nov 8w LZ1WN 1422L/0610/Nov 11w\#

IU3ZY 14026/0245/Nov 8m LUZZY 14027/0120/Nov 10e VP8PL 14036/0200/Nov 15w YJ8CO 14026/0515/Nov 13W ZK1DR 14002/0430/Nov 6w ZK1BD 14026/0315/Nov 6e

OH2GW 14224/0610/Nov 8w OH2BBR 14213/1425/Nov 11w OHens 14214/2100/Nov 7m OK1AFB 14220/1500/Nov 7w\# SVIAE $1.4197 / 1545 /$ Nov 5w\# SV1JG 14211/0515/Nov 11w ELSEWHARRES SSB
FPDND 14204/1305/Nov 10e FFK8CR $14259 / 0515 / \mathrm{NOv}$ 11w HH2MC 14212/0025/Nov 6m HR1DEB $14316 / 1500 / \mathrm{Nov} 5 \mathrm{e}$ EP1XRW 14316/1505/Nov 5e KGLIFC $14309 / 1245 / \mathrm{Nov} 8 \mathrm{e}$ KX6BQ 21355/1840/Nov 13 u VP2MS 14226/0330/Nov 10e VP2MBD 14226/0330/Nov 10e

UK1PAA 14206/0410/Nov 10m JO5DN $14223 / 0545 / \mathrm{Nov} 8 \mathrm{~m}$ UY5IK 14235/0535/Nov 5m Y08AP 14207/2250/Nov 8m 3A2EE 14204/1615/NVov 7w/t 9HLG $14265 / 0600 / \mathrm{Nov} 10 \mathrm{e}$

VP8NL 14028/0245/Nov 13m VP8qG 14208/0310/Nov 10e VP8RA 21355/1935/Nov 13w VK9XW $14265 / 1430 /$ Nov 7 w VK2AGT/Lid $14284 / 0510$ 12e VR3AK 1420L/0510/Nov 12 e YN1EGW 14316/1505/Nov 5e VS5XU $14206 / 1800 /$ Nov 5 m 9M8HG 14225/1615/0ften
( $e=$ eastern states $m=$ middle states $w=$ western reaches $k h=$ nawaii etc. all times in gmt )
(\# = long paith ??? = Slim who is becoming more of a nuisance lately

## Curbinar

## MAYASSA <br> BOUvis? <br> Syerrawa bank <br> PRTLER ISLAND <br> JAMAICA <br> 6017G SOMALIA <br> BBATA ISLAND <br> SPANISH PHONE TEST <br> ARRL 160m:r TEST <br> INDIAN DX TEST <br> CQ WW DX CW TMST

This Saturday....lots of adtion for a week.......
Next month....if all goes well. Arcund Christmas time
Three days in Januaxy.....Jan 18-21st
Maybe after the first of the year......
W6QL/6Y5 for a couple of weeks......a YASME effort
Again an after-the first-of-the-year possibility
Hi8s going with new prefix in January
December $2 / 3$ rd
December $1 / 3$ rd
Starts 1200 云 December and for twenty-four hours.....
This weekend.... the big Tutakey weekend.....November $25 / 26$ th

| Mhis weekend.... the big Tupkey weekend....November |  |
| :--- | :--- |
| CQ WW DX C W IEST | November $25 / 26$ th |


| HAITI | North Florida DX Assh is big effort |
| :---: | :---: |
| MADEIRA ISLANDS | Martin, 0 H2BE, back at CT3BZ far the c.w. go-round |
| GUERNSEY | GU5CTA in big muble ....big score....big signal |
| GEORGIA | WY5 IK and friends back signing RF6F in c.w. go.... |
| 4010N | United Nations Station looking for more contest action |
| KENTYA | 5Z4QT back for the c.w. test |
| 2M2YP | PY2YP with special prefix |
| DOMLNICA | FGG7AS out again..... PP2D. |
| SAN ANDRES ISLAND | EKKCCOP by Frankford Radio Club is big effort |
| st LUCIA | VP2LL by ${ }^{\text {N5 U }}$ ( in single operator run.... |
| SOUIIE SUDAN | DITAV from November ${ }^{\text {a }}$ and acorss the Test |
| NATASSA | Zero-Group expecting to open Saturday..... |
| CANARY ISTANDS | mals will be heard |
| IRAQ | YUs planning c.w. effort for the contest |
| GAMBIA | C5AAQ by Chod. Harris for the c.w. test. |



ARRL The FCC is proposing to establish a quiet zone around the National Radio Astronomy Observatory at Green Bank, West Virginia and the Naval Radio Research Observatory at Sugar Guove, West Virginia. An amateur wishing to set up a new amateur repeater afation or to modify an existing repeater in a way which would affects its frequency, power, antenna height, etc., you will file applications with the FCC and the Director of the National Radio Astronomy Observatory.

The ARRL is seeking outside financial asaistance and has established the ARRL National Advisory Council, The group will be putting the bite on corporations and foundations for funds to finance WARC, tha Batellite efforts and various other amateur activities. You probably will be hearing more on the financial plans of the League at and following the January board meeting. The financial picture has tightened for liverngton during the last ydar ox so.
gU5ITU This was supposed to be active to November 12 th and was operated by 925 JH . QSL for this one to B6x 1459, Kinshasa, Zaire or to K1VSK.

INX to W1AM, K1ER/ 4 , W1GL, W1MV, K1ZZ, W2AG, WA2AUB, K2BT, W2FP, W2HAZ, W2LEJ, W2NC, WA2OVG, WA2SON, W3GDL, N $3 E D$, W $3 U S$, K3ZR, WLBRB, WLBV, WBLEDD, WLHU, WBLIUX, WLICL, AALT, WLUF, KLUTE, NLWX, NLXX, NLVZ, WLZR, W4ORT, W5AK, K5AQ, W5CPI, K5DUT, W5DV, K5Gz, K5IH, K50A, K5OVC, K6AQV, WA6BJS, WA6CIL, K6DT, K6EC, WAGFIT, W6IXN, W6JD, KGJG, W6KG, KGIAE, K6SSJ, K6SVL, W6TSG, AE6J, K6UD, K6UFT, N6UW, WB6VIE, K6WR, W6XH, K6YK, WB6ZUC, K7ABV, W7BCT, N7MW, K7NN, N7UT, W7YR, K8IA, W8JXM, W8MAW, K8PYD, K8RD, W8UUZ, K8NW, W9TC, K9XJ,
 ${ }_{f}^{f_{f}}$
WEST COAST DX BULIETIN Published every week by the Marin County DX Group. The lemperatures dropped down into the low fifties and most of the Deserving were keeping in out of the cold. That was our first mistake. That obnoxious QRPer with his everlasting unanswerable and seldom understood questions and equations was on us before we could escape further up the hill. As usual, he came on a wave of promised confusion and he was right into things with his always unflagging zeal. "Now that we understand 'DX Is'," the QRPer lectured us, "let us now consider the 'DX Moment'. The moment when all DXers attain their goal and are flushed with the feeling of DX fulfillment. Certainly you too, have experienced the exal ced alale of the 'DX Moment', haven't you?" Son of a Gun! We wereicaught for sure. After the visit last week of thal. Jameson QRPer, we were wondering if DXers were not always in an elevated state of exaltation. "Tell us more," we cautiously said though that was hardly necessary. 'The QRPer was poised to deliver. "DX is a complex state of the amateur art," the QRPpr said, the words not spoken slowly so we could thread out way through the nuances and try to figure our what he was saying, but in a smashing torrent of sound. "The subtle meaning and deeper overtones of DX are not often completely understaod," lhe QRPer conlinued, "but there is a force in DX known to the most sensitive and attuned DXers and this is "the 'DX Moment!' Perhaps you might understand the DX Moment better if you think of it as the sum of ally products formed by multiplying a power of the $D X$ deviation of a variable from a specific point by its frequency al the value. That's the DX Moment! Perfectly clear and understendable and wonderful, right? We were slurned. We just sat there until the QRPer started to look closely at us, the brow furrowing with questions. "Surely you understand?" he demanded and we were on our feet. "We sure do," we lied, "we sure do why juglatast, week Sam was talking about the very same thing. Only he did nol, put it as clearly as you did. The "DX Momentl Very important in DXing for sure." The QRPer smiled and reached up to pat us on the head. "Good for you," he said in a parting bendiction and away he went down the hill. As always, his departure left us in confusion. The years ahead were bleak. There was no escape and we knew that some day the QRPer would retum again. For there are things in this DX World that are pillars of truth but not easily understood. Only the true-blue DX Believer knows. The winding word on the long path to full DX attainment comes every week and the word on the rates will be supplied on demand. For certain, this is one truth that you can easily understand!

West Coast DX Bulletin
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