## MEAT HART DX $Q^{\infty}$ Bulbil <br> 

CQ WW PHONE TEST More activity planned for this weekend continues to surface and with the expected band conditions, the weekend should bring action in every sector and all bands.
S79R has received a bit batch of contest log forms and indicates a lot of action during the contest period.
Terry Baxter, N6CW (K6SDR) is headed for the British Virgin Islands to sign VP2VDH for the contest period. Terry was there last year and this year he is bringing a better antenna set up.

All the other operations are on the line. Undoubtedly there will be some last minute developments but these should not catch the bright, alert and sleepless DYer unawares. Jump in the contest to win.... and possibly catch some new ones.

HAITI The North Florida DX Association were gathering at Cap Haitien over the last weekend, putting up their antennas and getting things lined out for a big score in the DX Test this week-end.

The callsigns for the operation will be:
HHS HR
HHS RB
HH5TW

It is possible that one call will be used only for the contest, one call only for cow. action before the contest and one for phone activity prior to the test. Whatever the final decision is, these are the calls issued last week to the group and the ones to watch for. Haiti is divided into radio districts and Cap Haitian is in their fifth district. This explains the unusual HH5 prefix.
On QSLing, all phone contacts will go to: Bill Hicks, 8201 Cassie Road, Jacksonville, Florida, 32221. This regardless of the call...all go to Bill Hicks, KhUTE.
All cow. contacts, regardless of the callsign, go to George Werner, W4ORT, 1045 Le Braun Drive, Jacksonville, Florida. 32205.
The North Florida DX Association has been studying the opposition and are aiming to run up a multimillion total score. In heading for Miami last Thursday midnight and a Friday Pan-Am flight to Haiti, their last words were: "Watch for us anywhere. We will be there!"
SEYCHELLES John Browning, S79S, is back home and reports that he operated but for one day on September 28 th, and this on twenty meters. His home call W6SP has caused some problems with those using old Call Books to QSI. The present address for W6SP and this is the address for S79S QSLing, is: John Browning, 25 Parsons Lane, Los Altos, Calif. 94022. The former holder of the call was in San Anselmo, Calif. and is a Silent Key some years back.

There are reports that the new Seychelles government has clamped down on new licenses and none are being issued. W6YO was unable to get a license and there is also a report that recently a VS6-type was refused a license.

SUNSPOT LOUIE Though we are well over a year into the new Cycle 21, old Cycle 20 is still providing some godd measure of the muscle when we add up the spots and ofnc important things like that.
That No. 908 which was the big action on the sun from September 23 rd to October $10 \div$ h was frem the old cycle. This area had 31 spots on October 8 th E and 22 spots on October 9 th and 10th. This aroa was at 7 N and while magnetically complex, the latitude would indicate that it was from Cycle 20.
The boost from the old cycle got the monthly metn for September to 44.1 by the Zurich count. The $12-$ month running smoothed sunspot number for March 1977 is 19.9. Things continue to edge upwards and with ten meters showing some dazzling openings at times and not the trans-equatorial path, most of the Deserving DXers are doing little complaining but working a lot of $D X$. Take a look at the ones who are reporting big things are happening on fifteen and ten meters. Even YU3EY in far off Ljubljana notes the good work that the Palos Verdes Sundancers are doing.... Everyone is standing around with their spoon waiting for the Big DX to arrive. And everytime they get some, all they can say is: "More!!"


Even the Space Environment Laboratory at Boulder is getting into the act. They have issued the first call for papers on 'Salar-Terrestrial Predictions' for a meeting to be held after the first of next year. They are in erested in papers on Solar Activity Predictions; Geomagnetic and Magnetosphere-Particle Disturbance Predictions; Ionospheric Predictions; Solar-Weather Predictions; Geomagnetic Applications plus a few other topics. They are especially interested in papers on long or short term prediction techniques and these will be given highest priority for the meeting. Some have suggested that there is more and more realization of the need to help the Deserving DXers and NOAA is moving in this direction. If you are a believer, you will believe that!

But back there on the banks of the Potomac with Fall about over and the dull days of Winter at hand, $\mathbb{N} 4 X X$ says that though the days may be short and dark, the conditions are tending to be brighter and even some ANs are showing. Ted says that it will be:

| October 25 th | High Normal | November lst High Normal |
| :---: | :--- | ---: |
| 26 th | High....maybe even | 2nd High Normal |
|  | Above Normal | 3rd Above Normal |
| 27 th | High Normal | 4th High Normal |
| 28 th | High Normal | 5th Above Normal |
| 29 th | High Normal | 6th Above Normal |
| $30 t h$ | High Normal |  |

There it is! All you have to do is reach out and grab the $D X$ as it goes by.... Meanwhile, K6EC is trying to keep the Solar Flux above the one hundred mark and almost making it. Up from the sou Ev says that it was....

| Solar Flux |  |  | Ap Index | Solar Flux Ap Index |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| October 10 th | 97 | 3 | October 14 th | 99 | 8 |
| 11 th | 96 | 5 | 15 th | 99 | 11 |
| 12th | 101 | 28 | 16 th | 98 | 12 |

On October i3th No. 908 flared, starting at 0158 Z and ending at $0220 Z$, reaching
a maximum at $0200 Z$.


ERTK - SM $\neq A G D$ Erik was in Karachi, Pakistan, a couple of weeks back, arrving there on October 4 th. His last contact from Dacca/ $/$ S2-Bangladesh was on the same date, he working W7RV on twenty c.w. for his last contact.
From Bangladesh Erik made over 2500 QSOs, working 73 different countries. 1030 of the QSOs were with the W/K/N/AAs, this followed by the JAs with 357 QSOs.
On the flight from Dacca to Karachi, Erik worked over he logs and came up with the following figures on the distribution of the $\mathrm{W} / \mathrm{K}$ contacts by call areas:

| W1 | 40 | W5 | 77 | W9 | 160 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 2 | 61 | W6 | 117 | Wø | 94 |
| 3 | 70 | W7 | 69 |  |  |
| 4 | $211!$ | W8 | 131 |  |  |

His visit to Dacca was supposed to end on September 27 th but he had to stay a second week. He found conditions much better during the second part of the stay.... he also had problems with the gear the first week and had to work transceive rather than the preferred split-frequency. The VFO in the receiver was not functioning properly but he finally got the problem worked out.
From that part of the world, Erik says that the conditions to the states were best at about 00002 to 02002 though this primarily favors the eastern states. The western reaches were best from 1500 Z to 1700 Z .
His departure from Dacca was questionable, a hi-jacked jet was sitting on the airdrome there while an attempt at a military coup had just taken pplace. This was also a worry during the operations from S2 and there was some expectation that he would be asked to shut down the station. However, this did not happen.
Erik will be in Pakistan for some weeks, leaving there next month to move on to another Middle Bast country. He will operate from wherever possible during his travels and expects that the mid-November stop may bring some action similar to what came suring the S2-Bangladesh operation. You probably will be hearing Erik from a number of stops during the next coimple of months. As noted previously, look for him during early moming and evening times at his locations. The times given above should be an indicator when he was getting into the states.
EQUATORIAL GUTNEA Harald Lofhede, SM6CSB, should be arriving in Equatorial Guinea soon if not there already. He is due to be there through December.
He will be working in 3C under a contract with the IIV. He has taken his gear wi h him and will be looking to come on the air from 3C1. Previously he has been heard out of YB-Indonesia during some work there.
Both Erik and Martin, OH2BH, have suggested possible avenues he might pursue to get operating permission. While the present Atlas gear will allow only transceive operation, plans have been made to get additional gear to Harald should he get the okay to operate. SM gaGD $^{\text {has even voiced some thoughts of another try at }}$ this one, Erik still not satisifed with his twenty-hour operation there in 1975.

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\$18.00 per year by first-class mail to the U.S..VE and XE areas. \$14.00 per year by second-class mail in the U.S. $\$ 20.00$ per year for airmail service to all the far DX lands, all those beyond the rim of the night and far beyond tomorrow's dawn. Ail the way to where the morning meets the sky.....

SHORTLY NOTED On the DX Ten Years Back we've have been running....intermittently, it is going to be intermittent for the next couple of months.
The West Gulf DX Club published the bulletin "West Gulf DX Club Bulletin" for close to eighteen years. However, in 1967 it was staggering with issues starting to be missed. The last part of 1967 saw few issues and the bulletin finally folded in the Spring of 1968. We have drawn a loi of the ten years back material from the file of that bulletin. It is still remembered, however. This last weekend we got another letter...from a most prominent DXer....addressed to: "West Gulf DXX Bulletin". This does still happen. By next May we will be into our own file from ten years back and.... $k n o c k i n g$ on wood... we have not missed an issue....yet.

For the Philatelic Type, it might be noted that JH1VRQ still has a good supply of the JA Amateur Radio Stamp. This was issued on the celebration of the 50th Anniversary of the JARL. All this was covered in the 6 September 1977 issue but without going back that far, we will tell you that Nao will supply a mint stamp ... 50yen value....for a sae and 2 IRCs. 2 stamps/3 IRCs 4 stamps for 4 IRCs. Send to Naoki Akiyama, 3-6-23 Kitahara, Tanakhi, Tokyo, 188 JAPAN.
While working the JA Desk, it might also be no ued that Hidea Joly Kambayashi, JD1AHE/4, is willing to swap JA stamps for U.S. Stamps. The airmail rate from Japan is 120 yen. Hideo will swap as follows:


Considering the recent ratio of the dollar to the yen, it would seem that Hideo is aiseounting the JA stamp a bi heavily. This is your chanoe to get some JA mintagtamps: for either QSLing...or just stamp collecting.
, 䠔家




1. HAM II Rotor
2. BIRD 43 meter and slug
3. Autek NK-† Menam-Keyer and HK-1 Paddie
4. VFO 820
5. CW 820 and $\mathrm{DS}-1$
6. Pair EIMAC 3-500Z

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MORE SHORT STUFF On that Macao operation this coming weekend，we have been messing up the call sign of Dave Bell．．．．it is W6AQ who is going and not K6AQ as mentioned in a few places．Shows what a．fading memory will do to you．．．
If you wonder why the VE8s etc are starting to show at time in Red Eyed Loule，this is to note some of the rarer VE call areas for that All－Canada Award announced in the June QST．

While everyone，just about，is headed for Ten Me ters to greet the return of the Good Old Days，WØGYF has finished a WAC on 160mtrs．Z\＃7JX was the last one．．．JA7NI the one just before it．Ed now has 57 countries on one－sixty and wonders just how many 160／WAC are kicking around．
KAGY is now DA1GF in Berlin．She is waiting for the arrival of the rest of the gear．This should also bring the rest of the family on the air．．．．KA6RT should be showing with a DA1－call．

Darleen Magen，HC2YL is now WD5FQX．She was also WB6FSE plus a handful of DX calls．Darleen is now living in Hot Springs，Arkansas and has a TS－820 and a TH6DXX．

Al Fox，FHDFX，may turn up at Juan de Nova．He is looking for that possibility． 7X2BK may be headed for Libya for a year or two on a job．Meanwhile，WA 3HUP is holding on to a backlog of QSLs waiting for logs from 7X2BK．Seems that the Post Office there in Algeria kieked them back the first time out．
QSLs for KM6EB／Kure were received by a good．many months back．But some are still looking．Sam G Kibler，Box 14，USNS，FPO San Francisco 96614 along with sase seems to be the right route．WB4IUX is waiting for logs from ELTF．

IUU1ZA is on the South Orkneys．This one goes to LU2CN．CEめAE has the relay for the 160mtr rig and you might be hearing him on that band．JA8AQN／JD1 goes to JA8JL．．．this is a correction．

FYYAN is headed for Brazil and will be checking in on a possible St Peter and Paul effort．DLCBS is looking for Alaska and North Dako wa to finish out some portions of this 5BWAS．Angelo has been showing on ten meters．
That CW申A effort in the CQ Phone Test this weekend will be a multi op／singie transmitter effort．CR4CR and CX3BR will be pushing the action．．．． 4 element quad on ten－－－2 element quad on forty－－－－element beam on eighty－mand a dipole 180 feet high on one－sixty．You should hear them．That 5H3KS being heard is Karl who used to be DK5世C／ETs．3D2RM was looking to get up two Delta Loops for forty meters，aimed stateside，for the contest this weekend．Fiji will be heard．TRBMFB is doing some oil exploration work for Gulf Oil．．．the power is limited there to 100 watts．He has a dipole up．KKAF is bouncing． back QSLis for VP1WCS．Says he got a lot of them．．．but camot help．
WA6QFO／3D6 says to watch for him on weekends from $58 / 7 P 8 / 3 D 6$ plus some more possible exotic spots．May show on YI－SSB System．．．also 7030／21050／14050kc． XFLUJ goes to WBLKPZ．．．some are asking yet on that one．
W7IR will be with NUWV in Chile for the CQ WW CW Test next month．N4VV is ex－HL2FT and VU2BEO．UK $\phi$ SAL who pperates twenty $c . w$ ．around $14030 \mathrm{kc} / 0100 \mathrm{Z}$ is looking fow Delawere to finis as WAS．
One of the W9s worked PY1ZAE on uen meter c．w．last week．Hal said that＂．．． I am＂mang progress．The QSLis should be here any day now．．．．＂
Ron Stockton，NøRR（WB6ITJ）is now the QSL Manager for AP5HQ as of Oct 17 th ．
 involved in those operations a few years back．YUЗEFY is looking for a handle for a QSL for VS9ARV．a 1967 contact．He is looking for a good address for Ray Vasper，G3VIY．．．．The Yorkshire address did not pay off．．．．．

## meet the CD, Fantastic TAIL TWISTER ${ }^{\text {'N }}$

## ROTATOR SPECIFICATIONS

Installation $\qquad$ Inside tower

Diameter $\qquad$ 9-5/16'
Mounting $\qquad$ 5/16" Bolts (6 supplied)
Height 14-1/16"
Mast Size Up to $2^{\prime \prime}$ O.D.
Rotator Weight 18-3/4"
Wind Load Rating Antennas up to $28 \mathrm{Ft}^{2}{ }^{2}$
Bearings 138 Ball bearings (3 races)


HEAVY DUTY ROTATOR. . . that starts with the world famous HAM II design, then adds a totally new thick cast aluminum bell housing with wider, stronger reinforcement webs to easily support the largest antenna. The upper mast support is predrilled to allow bothrough installation to prevent mast slippage. A new three ring ball-bearing assembly provides side thrust control as well as increased vertical load carrying capacity.

The new high-torque motor, with a metal pinion gear to guard against stripping, incorporates automatic coast-down pre-brake action. Drive is trans-. mitted through three stainless steel spur gears with final drive into a new machined steel ring gear. A new thicker, wider wedge brake assembly securely holds the antenna at rest. Stainless steel $5 / 16^{\prime \prime}$ hardware completes this heavy duty rotator package.


## CONTROL BOX SPECIFICATIONS



NEW CONTROL BOX DESIGN. . .that will please the professional. . full regulated indication of antenna direction, snap action control of clockwise and counterclockwise rotation, snap action control of brake, separate on/off switch for instant antenna location as well as front panel control of calibration. New L.E.D. indicators signal rotation and brake operation. And, housed in a black satin anodized case, it looks as good as it works.

The TAIL TWISTER ${ }^{\text {T.M. }}$ is designed for in-tower mounting to assure a secure base for its load capabilities. The tower selected should be checked to verify its load rating is adequate for the installation intended. Though the TAIL TWISTER can be mounted with four $5 / 16^{\prime \prime}$ bolts, it is recommended all six be used to provide installation strength to match the rating of the rotor. Like all Cornell-Dubilier rotors, the TAIL TWISTER comes backed by over 30 years of experience and proven performance in supplying the communicator with quality products he can depend on.

The suggested list price for the TAIL TWISTER is $\$ 350.00$ Pick up your phone and call Don, W5UW, and get the special Madison price! Only for the Deserving. Use the DX Hot Line (713) 658 8021. Tell Don you deserve!

## Call Don for a quote

This time of DXing may not come again
And so I've saved the old DX one by one....

THN METERS TAKES OVER

CO2JA 28051/2130/Oct 15m CT1SDR 28071/1655/Oct 16m CT4 HW 28011/1635/Oct 16m DJLEY 28033/1550/0ct 13e DJTYR 28021/1435/0ct 11m DMLYFL 28033/1610/Oct 13 e CX7BBB 28035/1930/Oct 16m EATTH 28010/1445/0ct 15e EA9EO 28024/2000/Oct 15m F5DE $28018 / 1725 /$ Oct 11m F5ZP 28033/1600/Oct 13e FG7AM 28026/1655/Oct 12e F6DCQ 28019/1430/Oct 15e G3Z0W 28014/1830/Oct 11m GJ5CEE 28015/1315/Oct 16e HB6 NL 28018/1430/0ct 15e НВб АІС 28013/1740/oct 15e HB9WZ 28033/1640/Act 13e HB9ABF 28029/1445/Oct 15m

ALXGB 28595/1615/0ct 14e A4XGY 28591/1350/0ct 14e CE3ARP 28609/2150/0ct 16m CEDAE 28600/0005/Oct 14w A2CBW 28516/1645/0ct 13 e CT1FL 28548/1705/0ct 14e CT2BS 28590/1815/Oct 17m CT2AC 28573/1745/Oct 17m CX3BR 28596/2220/Oct 16m D4CBS 28580/1735/Oct 10m EA30J 28578/1430/Oct $15 e$ TA3SA 28623.1530/0ct 11e EI6AS 28525/1500/Oct 9ve EL2EC 28582/1645/Oct 17w FY7AN 28518/1925/Oct 16m GM3LQH 28586/1330/Oct 9ve GILEIZ 28525/1450/Oct 9ve GW5YI 28565/1310/0ct 9ve GWLBIQ 28595/1800/0ct 17m HH2MG 28548/2225/Oct 15m $7 P 83 \mathrm{C}$ 28560/1400/0ct 17 m

AFRICA CW
FA8BF $14026 / 1215 / 0 \mathrm{ct} 13 \mathrm{~m}$ EL2ES 14042/2155/0ct 10m ZE1FL/N 21110/1935/Oc 11任 AFRTCA SSB CN8HD 21352/1815/Oct 15m CN8CW 21400/1840/0ct 12e D4CBS 21290/1950/0ct 13e EA80Z 14210/0255/Oct 16m FA9EO 14210/2050/0ct 13e EA9EL 14210/2035/Oct $13 e$ EL2EZ $21383 / 1730 /$ oct $13 e$ EL3A $21355 / 1900 / 0$ ct 12w S79R 21305/1850/Oct 13e VE3HYV/SU 14207/0015 12e

ASIA SSB
AP2AD 14230/0320/0ct 13m AP5AQ 14206/0230/0ften. AP2MQ 14211/0300/0ct 14m CR9AJ 14225/2230/0ct 16m EP2TY : 21323/1450/0ct 10m HL9TJ 14225/2300/0ct 11m
HS1WR 14206/1300/Oct 15 e

HB9BAJ 28006/14/45/0ct 15m HB9BIZ 28037/1500/Oct 11m HI8LC 28020/1925/Oct 16m HK3EY .28105/1645/0ct 12e HK ¢ BKX 28043/1520/0ct 13 e HZ1HZ 28006/1405/Oct 15e I3AWW 28060/1450/0ct 15m ISØLYN 28020/1240/0ct 16e IS /FPH 28038/1400/Oct 11m IK3SYA 28029/140/Oct 15m JAбCUV 28029/2235/Oct 16e JF1RBO 28023/2345/0ct 11e KG6Jar 28025/2215/Oct 15m KH6CF 28036/1750/Oct 13 e KH6IRJ 28053/2200/0ct 15m KLTXX 28052/2030/0ct 14e KL7HR 28016/2330/Oct 11m KL7NC 28028/1900/Oct 16m LZ2KKZ 28033/1730/Oct 13e

HC1BU $28593 / 2110 /$ ct 16 m HC2HX 28579/2120/0ct 16 m HII8XDJ 28563/2115/0c* 14 e HI8CDC 28625/2000/0ct 11m HI 3XIA 28593/1525/0ct 16m HI8JAF 28551/2115/0ct 16m HK3AQP 28660/2135/Oct 15w HP1XWA 28657/1515/0ct 10w EA8LO 28506/18 ho/ Oct 16m I7DKE $28570 / 1855 / 0 \mathrm{ct}$ 15m I1APQ 28580/1545/0ct 16m IT9IKA 28645/1425/Oct 15e ISøLYM 28573/1405/0ct 15m IK9VQZ 28585/1430/Oct 15 e JA1BXS 28535/0000/0ct 10e JA8FDA 28517/2325/Oct 10e JY9UC 28600/1300/0ct 9ve KM6FC 28576/2240/0ct 10m KZ5TL 28573/2225/Oct 15m LU1FKM 28603/2235/Oct 16im 9J2GJ 28550/1845/0ct 15m

OK1IQ 28041/1625/Oct 11m OX3RA 28035/1900/0ct 9II OX3AB 28026/1930/0ct 16m PA2JBD 28039/1510/0ct 11m PY2BKO 28099/1440/0 ot 15 e PY7AZQ 28028/1905/Oct 16m PY1ZAE 28016/2055/0ct 12m JA801/PZ 28008/1450 16e SV1DO $28018 / 1445 / 0 \mathrm{ct} 10 \mathrm{~m}$ SP3RQD 28034/1425/Oct 11m UB5TAE 28025/1545/0ct 11m UB5QCU 28031/1615/Oct 10m VK2AHK 28022/2230/Oct 15m VK2BPN 28025/2200/Oct 15m VK 3 KK $28021 / 0030 /$ oct 12 m VP2DD 28025/1915/Oct 13m VK5FM 28026/2340/0ci 15e VP9HT 28026/1925/0ct 16 m XE1AAG 28023/2350/Oct 16m

Y05BaT 28020/1415/Oct 14 m YUZCRS $28035 / 1545 / 0 \mathrm{ct} 11 \mathrm{~m}$ YU2QZ 28036/1430/0ct 15 to YU4EXA 28034/1530/Oct 11m YU3TGN 28012/1900/Oct 15m ZE1CB 28080/1435/Oct 15 e ZS2CW 28032/1600/0ct 11m ZS3BT 28054/1700/Oct $15 e$ ZS6WW 28033/1445/Oct 15w ZL2EK 28038/0045/Oct 12m 8P6FX 28047/1420/0ct 15m 9H1FG 28030/1535/0ct 13m 9H1CH 28029/1725/Oct 15e 9J2WR 28037/1920/Oct 16m

LU8DF 28521.2235/0ci 15m OALSL 28574/1815/0ct 13e OK1DWA $28557 / 1355 /$ oct 11e OK1DWA $28557 / 1355 /$ oct 11e ON5NT 28557/1355/Oct 11e PAфSKP 28585/1600/0ct 9m PJ9CQ 28578/1630/0ct $13 e$ RB5CCK 28580/1530/Oct 14 e SV1AE 28589/1510/Oct $14 e$ TR8WR 28509/1650/Oct 9ve TI2JTS 28597/2235/Oct 16m TU2FH 28548/1625/0ct 17m UADLFK 28560/0015/0ct 18w VK1FT 28580/0120/Oct 17w VK2IT 28610/0105/0ct 17w VK/, OR 28600/0110/0ct 17w VP2GAH 28555/1745/Oct 11ve VRUDX 28520/2350/Oct 15w VU2GDG 28533/1510/Oct 9ve WLEV/VP9 28523/2125 15m 9J2ES 28542/1755/0ct 17m.

UY50Q ZE1FD ZE1DE ZE6JL ZE4JH ZB2BL ZF1PS ZF1AK ZP5CD ZP5AO ZL1 WE ZS6CN 424Ma $4 Z 4 \mathrm{LM}$ 3D2EM $524 \sqrt{E}$ 5 N2NAL 7 P 8 BC 9H1CE 9H4L

28582/1330/0ct 14 e 28537/1720/0ct 16w 28552/1740/0ct 17m 28562/1545/Oct 16m 28559/1700/0ct 10 m 28559/1530/oct 16m 28715/2145/Oct 16m 28581/2140/0ct 14e 28603/2120/Oct 16m 28599/2110/0ct 9ra 28680/2200/0ct 15m 28560/1650/0ct 17w 28586/1330/Oct 9ve 28595/1445/0ct 14e 28591/1400/0ct 17 m 28570/1850/0ct 17m $28596 / 1730 / 0 \mathrm{ct} 14 \mathrm{w}$ $28554 / 1655 /$ oct 13 e 28560/1420/0ct 15e 28577/1915/Oct 15m
$\begin{array}{lllll}\text { ZER2JH } & 21027 / 1950 / \text { oct 11m } & \text { ZS6QU/1 } 21030 / 1950 / \text { oc } & 13 e \\ \text { ZS6ME } & 21028 / 1730 / \text { oct 18w } & \text { ZS6WW } & 21028 / 1900 / \text { ct 11m }\end{array}$

ZS6CS 21031/1915/0ct 10w

TR8MFB 14213/2210/Oct 13 m TUTGM 21365/1425/Oct 10m TU2DA 14333/2225/Oct 13e ZD7SJ 14197/0215/0ct 1 Lm ZE1AN 14202/0230/Oct 16m ZEL JH $21355 / 1735 /$ oct 11w ZSSPG $14225 / 1420 / 0 \mathrm{ct} 13 \mathrm{~m} \mathrm{\#}$ ZSGNI 21355/1735/0ct 11w ZS6JM 14240/1440/Oct 11w ZS6DW 14220/0450/0ct 15m

JT1AN 14225/0105/0ct 15m JY9DI 14251/1830/0ct 13m एАДЈJ 14207/1150/Oct 11e UAфAAK 14227/0210/Oct 11e UADIX 14261/0140/0ct 16w UK OABB $^{\text {14239/0210/Oct 11e }}$ UF'6HE 14206/0225/0ct 14m


UJTYR 14211/1415/Oct $13 e$ UTTXP 14216/0225/Oct 11e UW\&IX 14260/0130/0ct 13w VT2XX 14204/1405/Oct 13m VO2RY 14204/1405/Oct 13m VU2LQD 14241/0340/0ct 14 m VO2BX. 14205/1330/0ct 13 m

[^0]ASIA CW

AP2TN 14063／0255／0ct 13m HM3LR 14029／2340／0ct 15w HMLHE 14029／0000／0ct 15w JABAQN／JD1 21037／2245 14 m JT1AO 14020／0020／0ct 17e JY9PP 14036／1725／0ct 15w OD5IX 14030／0325／0ct 18w TTA2MB 21033／1800／0ct 13m UAØJCA 14032／0650／0ct 18w EUROPE CW
TMMLYA 14032／1715／Oct 15w DF9FB 21014／1700／0ct 10 m DM3YF 14031／1715／0ct 15w DK6ZN 21012／1545／Oct 16w WI5V 14019／1215／0ct 13m F9XL 21007／1940／0ct 16w G3JBA／a 21013／1710／oc 10 m GD3RFE 21050／1730／0ct 11m GIJGAL 21033／1515／Oct 16 m GDLBEG 21026／1915／Oct 10w

## EUROPE SSB

CT1SX 21290／1930／0ct 15m CTIESA 21358／1730／Oct 15e DM2CDI 21281／1640／0ct 11m EA6EG 21275／1930／Oct 15m EATGF 21351／1715／Oct 11m EITCZ 14214／1300／0ct 17m EI5P 21319／1950／Oct 17w ELSEWHERES CW
CY1BDT 14016／1425／Oct 14w CY3GXD 14022／1530／0ct 11w CO2OM 21028／1700／Oct 15 m WALNFF／C6A 21026／1240 15e FG7AS 21036／1520／0ct 16m FP8 B $14017 / 1230 /$ ct 15 m

## ELSEWHERES SSB

CF6EI 14240／0205／0ct 12m W7UTO／DU2 14225／2300 11m DU1REX $14204 / 0055 / 0 \mathrm{ct} 14 \mathrm{~m}$ FOORS 14232／0440／0ct 13e HF2MC $21302 / 2100 / 0 \mathrm{ct} 15 \mathrm{~m}$ KCL AAAA 14217／1305／0ct 15m KCLAAC $21316 / 2250 / 0$ ct 14 e KGSSW 21260／2110／0ct 11m KG6IIA 21338／0245／0ct 15m LOW BAND LOUIE

C6AMP．7012／0435／0ot 17e CM2LT 7003／0415／Oct 12e CN8CC 7003／0135／0ct 14 m CT1DW 7004／0005／0ct 13e DM2DEO 7012／0150／0ct 15m DMTCL 7028／0315／0ct 16e BA6DD 7016／0220／0ct 14 e EA8FG 7028／0020／0ct 14 e FG7AS 7009／0230／Oct 16w F6BKI 7017／0645／Oct 16w FO8EX 7003／O410／Oct 13 W FITTAZ 7009／0230／0ct 16w HA6NB 7017／0350／0ct 10m HBd ALL 7002／0625／0ct 16w
DJ2BE $3503 / 0440 / 0 \mathrm{ct} 12 \mathrm{w}$ DKLQT $3503 / 2330 /$ oct 11 e III2DEO 3505／0440／0at $12 e$ EA7TI 3509／2305／0ct 11 R G6IX $3504 / 2300 / 0$ ct 1 e N4JI／HE1 $3501 / 043512 \mathrm{w}$ KH6AKX 1803 ／0710／0ct 16 w

ТАфЈСU 14029／0050／Oct 15w UAфlibr 14037／1400／0ct 10e UI8ACH 14023／0240／Oct 11w UI8ACB 14022／1535／0ct 11w UI8AI 14004／1345／oct 15e TJ8JCA 14017／0230／Oct 11w UK7PAD 14011／1405／0ct 17w UK7RAC 14020／1210／Oct 14 e UKGQAA 14030／1525／oct 12w

HA ЗMA 14005／1600／0ct 14 w HBdAIC 21014／1525／0ct fow HBCLLL $14025 / 1945 / 0$ etw 1m HW6JDT 21028／1845／Oct 18w I2FAE $21015 / 1840 / 0 \mathrm{ct}$ 16w I2UBI 21031／1755／Oct 18w LALICC 14027／0210／0ct 14w LZ2VE 21026／1505／Oct 10w 0H6IQ 21032／1900／Oct 18w OK1DUC $21020 / 1330 /$ ct 10 m

## EI6S 21305／1625／Oct 11m

 BI8H $21305 / 1625 /$ Oct $^{\text {c }}$ 11m HV3SJ 21312／1810／Oct 15m ISghyse 21312／1600／Oct 13e IS $\varnothing \mathrm{V}$ ZK $21356 / 1430 /$ oct 13 e I2TIN 21310／1625／Oct 11m I申CSA 21299／1415／Oct 17wUK8PAA 14046／0320／Oct 15w UK8qAC $14025 / 1335 / 0$ et $15 e$ UK8NAA 14085／1140／Oct $14 e$ UK\＆LAB 14032／0630／0ct 18w UK 6 CAE $14028 / 1410 / 0 \mathrm{ct} 11 \mathrm{w}$ UI8FAI $14001 / 1525 / 0 \mathrm{ct} 13 \mathrm{w}$ UL7GAC 14030／0100／Oct 14 m ULTEAC 14058／1145／Oct $14 e$ ULTGAX 14022／1325／0ct 15e

ULIPAZ 14020／1405／0ct 12w ULTPA 14020／1440／0ct 14w ultpar 14038／1445／0ct 14 w UM8AP：14018／0150／Oct 11e UM8NAJ 14021／0110／0ct 14m UT9CIT $14024 / 1510 / 0$ ct 17 w 9K2DN 14001／0345／0ct 13w 9K2DR 14001／0315／0ct 15m

OK2BIG 21030／1435／0ct 16m ONLIWW 21034／2000／Oct 11m ONGTN 21035／1925／0et 11m OZ1W 21025／1350／0ct 10m SM3DXH 21027／1915／Oct 18w SQ9SPU 14038／1755／Oct 17w ITF3CW 14038／1445／0ct 14w ITF3AW 21032／2105／0ct 13m TA6PBA 14029／0305／0ct 15w UB5LAW 14007／1730／0et 12m

UC2LE $21026 / 1455 / 0$ ct 10 w UC2RZ．14049／1620／0ct 15m UK2FAM 21010／1650／0ct 10w UK2WAR 14010／1355／Oct 11m प050Ws 14023／1555／0ct 14w UP2PCN $14024 / 1530 /$ ct 15 w UP2CZ 14003／1440／oct 15 w YO3ZV 21030／1505／0ct 16n 4Y18巴 $14020 / 1435 / 0$ ct $14 ? ?$

FY7YE 14051／2110／0ct 13 w KV4AA 21027／1745／0ct 15m OASW 21043／2110／0ct 13w OZ5DX 21027／1515／0ct 15w PJ3SF $14014 / 1255 /$ ct 15 m VK6BU 14020／2320／0ct 12e

LX1价 21289／1315／0ct 14m IXIJAS 14216／1655／Oct 15m LZ2WF 21289／1315／0ct 14 m OF6WI 14212／1440／Oet 16w OKZBKR 21278／1615／0et 10w ONGHA 21315／1625／Oct 11m UB5TC 21377／1435／0ct 10m

UB5GGA 14284／1430／Oct 11m UK2AAB $14214 / 1240 / 0$ ct 13 e UK2FAB 1420L／1250／0ct 13e UR2FQ 14225／1310／0ct 17m UR2AR 14213／1325／0ct 17m YO6AWR $21317 / 1545 / 0 \mathrm{ct} 14 \mathrm{~m}$

KH6BZF $21280 / 1930 / 0$ ct 16m KMGFG $21272 / 1900 /$ oct 16kh KS6CC 14205／0455／Oct 12m 0X37G 14217／0145／Oct 11e OX3EA 14225／0210／Oct 13m OX5AR 14212／2205／0ct 13m IU1ZA 14215／0025／0ct 12e IU20R $1426 / 2235 /$ oct $14 e$ PJ2FR 14205／0455／Oct 13 ma

VK6TE 14009／0040／0ct 16e\＃ VP8PL 14017／0030／Oct 16w YB7AAD 1L020／1400／Oct 12 e YBQNZ 14025／1430／Oct 15m 8P6FD 14002／2200／Oct 14w 9M8FG $14025 / 1440 /$ Oct 13 e

## VK6RY 14211／2335／Oct 13m VP1BB 14234／0135／Oct 13m VP2SQ 14214／1515／0ct 12m VP2KT $14280 / 1145 /$ oct 14 a VP2VAT 14223／2240／0ct 11m VP2SAG 14227／0340／Oct 12m VPaKC 14249／0425／0ot 12m VP8JB 14215／0220／0ct 17m VP80W 14254／0200／Oct 13 m

VP8NE 21317／1500／0ct 12w VP8PL 14242／0545／0ct 14m VP8PM 14210／0200／Oct 14e VP8JC 21290／2320／0ct 10e YB2SV 14270／1140／Oct 16e YB／aR 14206／1150／0ct 11e YB7AAU 14214／1520／0ct 12m ZF1MA 14213／0130／0ct 13m 5W1aU 14235／0445／0ct 12 m

HH2MC 7026／0305／0ct 16e HITJM 7031／1055／0ct 16m HT8MOG 7006／0945／0ct 16m EM1KG $7005 / 1415 / 0$ ot 11w EM \％C 7009／1415／Oct 12w JA8AQN／JD1 7013／1410 12w KG400 7008／0250／0ct 9e KG6RT $7034 / 1005 / 0$ ct 16 m KL8AA 7024／0430／0ct 15？？ KM6BI $7034 / 1130 /$ oct 16 m LLIUA 7013／0455／0ct 15m OH9NR 7023／0615／0ct 10m aK1AWZ 7002／0350／0ct 16e STWWIT 7005／0425／0ct 17e HA9RU 3501／0335／0ct 9e I．A2 4 TN $3512 / 2330 / 0$ ct 11 e M10 3512／2315／Oct 11e OK1AWZ 3798／0415／0ct 10e OK1DOK 3510／0540／Oct $12 e$ OK 3 AL $3510 / 0530 / 0$ ct $12 e$

OH9TH／SU 7010／0210 15e SMA／EM 7007／0700／Oct 16w IPRMG 7011／0125／0ct 14 m K50FO／TG9 7003／2310 13e－ JA UAб́CCT $700 \mathrm{~L} / 1355 / 0 \mathrm{ct} 17 \mathrm{w}$ DA1DZ 7001／0640／0ct 16w UB5LI 700L／0140／0ct 10 e UC20AF 7001／0425／0ct 10m UC20Q 7001／0115／0ct 10e UD6DLL 7008／0355／0ct $12 e$ UK2GKW 7002／0530／0ct 9m UK2BAS 7010／0455／0et 1 3m UK6ILT $7001 / 1400 / 0$ ct 17 w ONLWR 3519／2345／0ct 11e PJ2FR 3791／1100／Qot 11e PY1DMQ 3503／2345／0ct 12e VK6AS $3684 / 1135 / 0$ ot 15 e SNTVZ 3510／0535／0ct 12e UC2ICB 3505／0435／0ct 12 e

UM8NBXX 7016／1335／0ct 17m VP1NFG 7009／0310／0ct 12m VP2DD 7007／0235／0ct 12e 2B2A $7004 / 0335 /$ oct $15 e$ 2S5A 7016／0355／Oct 16e ZS5LB 7014／0355／0ct 16e ZS6ww 7019／0455／0ct 16e 3A2BF 7003／0230／0ct 14e 401ITU 7006／0330／0ct11e 9\＃1动 7014／0005／0ct 13e 9K2DR 7007／0230／oct 18w 9MBEG 7002／1030／0ct 16m 9Y4TR • 7009／0040／0ct 14e

Xe1ICH 3803／0425／0ct 10w X H 2 FY 3803／0345／0c．10w IV1IX $3502 / 2335 / 0$ ct $11 e$ ZB2A $3503 / 0400 /$ ct $15 e$ ZL1 1 BLD $3809 / 1100 /$ oct tie ZL1BDP 3791／1100／0ct 11e

（ail times in gint \＃＝Lamg path $? ? ?$＝Slim．．．．．heard in the Pribilors and the ICAO last week）

## CALENDAR

KERMEDEC ZLs curren ly active
HAITI
CQ WW DX TEST
BOPHUTHATSWANA
SEANET CONVENTION

> North Florida DX Assn currently warming for CQ Test
> This weekend! Only for the strong!!
> Independent homeland....VE3FXT \& Co. there..December 6th
> Bangkok...November19/20th. New management to greet you!

CQ WW DX TEST-PHONE October 29/30th


CQ WW DX TEST-CW. November 26/27th
GUERNSEY GU4DAA by Chamnel Con uest Group
JUAN FERNANDEZ CE $\phi$ Z by K KYFQ \& Company
NAVASSA Four land group aiming for big operation SATPAN KG6SW by K7VPG * CURACAO PJ9CG back for some c.w. work GRAND CAYMAN W8s there for a CW effort GELIZE WA4DRU on fifteen meters on a Single/Single from VP1AH
Undoubtedly there will be some that show unamounced and spme may show as surprises. Check the action, it should be good.

Band conditions are predicted to be good for the contest period. Make your plans for the weekend.....football can wait!!

ARRL The FCC has announced thai action in Docket 19759 has been terminated. This probably means that any thought for moving CBers into the 220 mhz band are dead.
The FCC indicated that the possibility of severe IVI would exist should large numbers of CBers appear on 220 mhz and that other frequencies probably would be better suited.
The ARRL feeling very good on this development, headquarters noting that they had persevered in spite of doubts in some quarters and precitions that they could not prevail againse the billion-dollar electronics industry intent on moving CBers into the amateur bands.

ARRI membership continues to climb. Total US/VE membership, associates and subscribers now at 152,619 total. Tossing in the foreign ones, grand total is 159,995.
TNN do W1AM, W1DA, W1MV, WA1P0J, W1VV, W1YY, WA1P0J, W1WY, W2AG, W2FP, W2HAZ, WB2LOF, WA2RLQ, W3CDI, N3ED, WA TDRU, W4BV, WBLEDD, WBLFOT, W4HU, WB4IUX, WLKKA, W4ICL, WAl OUF, N4QQ, WB4RIS, W4TYE, W4UF, N4XX, Kl4FYQ, W5AK, K5AQ, W5CPI, W5DD, K5DUT, W5JW, N50K, K50VC, ADXA, K5RO, K5TSQ, W5USM, W5YZ, N6BB, WA6BJS, W6CAE, WA6DNM, K6EC, W6IA, W6JD, K6JG, WB6JGY, WA6KCX, W6KPC, W6PN, W6SP, WA6TLA, W6TSQ, K6JFT, W6VQD, K6VY, K6XP, W7IR, W7LR, K7RA, W8GE, K8IP, W8JXM, K8ND, K8PYD, W9DH, WA9FFZ, N9JI, K9RL, W9SS, WA9TKV, KøBJ, WAøKDI, KøKES, WøSF, KøLST, WøMHK, WB $\varnothing$ NOU, WB $\varnothing$ QWX, N $\varnothing$ RR, K $\varnothing$ SA, KH6BZF, WB2RLK/VE1, SM $\varnothing A G D, Y U 3 E Y$.

WEST COAST DX BULLETIN Published every week by the Marin County DX Group. We were coming up the hill from the village last week when we spotted one of our local QRPers sitting on a rock on he hillside. We had not seen him for some time. "How's DX?" we asked and got a contemplative look. "Those who know don't say," the QRPer said, "and those who say don't knew." Son of a Gun! There had been some changes! "Sounds like you are into Zen," we said and got that beatific smile again. And we thought of other times and other days when this one had been out trying to lead the pack in full cry. "Got your 300-sticker?", we asked and got that everlasting smile and a nod. That 300-country sticker is the great divide for most. DXers for while there may be much behind, there is very litile ahead....and some not heard for twenty or more years. And while some may not be saying, no DXer leads the pack very long withou, knowing where the chase goes. And a full year of DX yelps, howls and some outright baying will come your way by second-class mail in the U.S. for $\$ 14.00$. First class mail, a sometimes term, goes to the U.S./VE areas for \$18.00 a year. $\$ 20.00$ roars the DX word down the long track of the night, beyond the crimson bamers of tomorrows dawn, to all the DX lands on the far side of the curving sky. All of them.....

West Coast DX Bolletin
77 Coleman Drive
Sar Rafael, Calif. 94901


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[^0]:    VU2YY 14226/1420/0ct 14w 4S7DA 14235/0125/0ct 14 m 4X4SO $21365 / 1410 /$ oct 14 m 9M2DW 14202/0015/0ct 14m 9N1MM 14213/0045/0ct 11e 9V10I 14239/1505/0ct 11m

