# wast coantox BHLLITIN 

EQUATORIAL GUINEA We are still figuring out the letter in Spanish and at this point it appears that Ville Hilesmaa, OH2MM, will be joining EA8CR on the effort late in October with an Equatorlal Guinea operation a definite plan and the Annobons a possible. Here js the way it figures out:
EA8CR, Fernando M Fernandez Martin, a M.D. there in Santa.Cruz de Tenerife, will join with Ville Hilesmaa, OHZMM, also a doctor, to operate from Equatorial Guinea starting around October 23rd or 24th. The calls to be used probably will be 3C2MM for Ville and 3C8CR for Fernando. If things work right they will try to operate from Annobon efter the CQ Contest period, the tentative dates for the planning being October 27.th and: 28th.
There is a possibility of other European DXers being in on the operation though at this time it seems that things are pretty much as nailed down here. The indicators for Annobon are that they believe it a good possibility and it will be remembered that OHZMM and OH2BH were the first to operate there back in July 1971. We will admit that getting the exact meaning of the letter written in Spanish is giving some problems and especially when you get help with the translation and the expert does not understand amateur radio. However, some more word will be coming through on this and it is felt that the essential portions are pretty well nailed down now.
CHAD No one seems to have heard TIT5AC though 9G1AT was definite right up to the day prior to the trip that there would be some action. Undoubtedly things did not work out as planned. Always looking for the safe assumption, we will unequivocally say that the TT5AC-Chad did not surface as expected.
NIUE Except for the continued need for crystals, there has been no changes in the plans for VK5XK to operate from ZK2-Niue during November. The arrival time is rather solid as being on November 7th and the Departure on December 5th. The report is that there is but one plane fiight a week into Niue so the scheduling of the operation is rather defintely dependent on the airline flights. The call-sign will not be known until Arch arrives on the island and talks with the PT\&T people. He has asked for ZKZXK but the understanding is that the local R.I likes to keep things neat and issues licenses in exact alphabetical sequence. As best as can be learned, the last license was ZK2AO so the possibility is good the call may be ZKZAL.....plus or minus a letter. Arch will stick to his plan to transmit. low and listen higher as announced. More will be coming on this but WoJRN is still anxious to get crystals to forward to Arch.

EUROPA Two stations have been reported as active from Earopa, FR7ZG and FR7ZQ both indicating that they were on heropa and were found on the same frequency, 14213 kc , on different days. The time they showed, 1230Z, was also very close. FRYZQ in one QSO indicated that they would be there at least to the first of October.

REPORT FROM SUNSPOT LO , No significant sunspot activity was noted in the days prior to this report, rain and cloud cover at the W8ZOK's observatiom post blocking observations on the report day. The spot that first appear on September 7th was visible for a number of days but disappeared on September 14 th, this being three days prior to the day when it would have rotated to the back- of the sun. This was a spot approximately 9000 miles in diameter and of moderate intensity. Band conditions have varied greatly from day to. day though there have been some good openimg. A study of Red Eyed Louie will show that fifteen meters is starting to show significantly in the reports. a couple of months back fifteen was noted by itsfecercior Ten is showing and the number of deep Russian reports 18 a A Atter of interest. Either the conditions have improved or ther fad and pwhut year or last Spring. Next week there will be a bit pory $C Q$ in the September issue carries an interesting article on 80 -meter Dxing with an exposition on using the 'Gray-line' or the twilight path to work into a certain area. Inasmuch as Dale Hoppe, K6JA, and Peter Dalton, WGNIZ,-tell the story, their success in working $D X$, around 3795 kc must be convincing. The September $G Q$ also carries a cover photo of K6UA's full-size rotable 2-element quad for 80 meters. This is also convincing. Read it.... the possibility of $D X$ on the 'Graytline' is not confined to the lower frequencies alone. This article, along with. W'UMP/W3ASKs articles in 'CQ' on the short-range prediction possibilities through the study of the solar flux and geomagnetic activity, along, with W1HDQs articles in QST all point to improved techniques in working DX. And as everyone acknowledges that DXers are smarter than the average amateur, this is the chance to improve your expertise.....and dream of the days when we are off the back-curve of the cycle and everything is on its way up....again!!
And from the banks of the Potomac, W4UMF comes through with the predictions to take us well into October. This is the second week in a row that we have managed not to forget Ted's forecast...this being a more relaxed time of the year. Anyhow, here is whaty you will get.....

September 23ra High Normal 24th High Normal
25th High Normal - slipping
to Low Normal
26th Below Normal
27th High Normal
28th High Normal
29th High Normal

September 30th High Normal
October list High Normal: and Above Normat 3rd High Normel 4 th High Normal 5 th High Normal 5 th High Normell 7 th Low Normal

The Zurich Observatory found that the mean sunspot numbers for August were 39.3 wh only one day, August 22wd with no spots noted and only three days, Aug 19/23/24th with less than ten spots. W6TTS comes through with the report on what was around for the last week or so. Gene reports:

$$
\text { Solar Flux-A Inde } \bar{x}-\text { Conditions }
$$

| Sep 9th | 83 | 14 | Low Normal | Sep 13th |
| ---: | ---: | ---: | :--- | ---: |
| 10th | 81 | 22 | Below Normal | 14th |
| 11th | 80 | 18 | Low Normal | 15th |
| 12th | 79 | 15 | Low Normal |  |

Solar Fix- ai MgCQN
Solar Flux-A Index-Conditions $\begin{array}{ccc}74 & 18 & \text { Belaws Normal } \\ 73 & 12 & \text { Lowi Normal } \\ 73 & 6 & \text { High Normal }\end{array}$

We checked with the Palos Verdes Sundancers to see what they were doing in the way of esoteric matters to bring DX back. What did we find in the way of jump, thump and bongo beating? "Heck, I put up a 40 meter Delta-Loop", the PV Leader said, "I'm looking for DXXX and all that stomping brings is a need for ARRID XXX!!". What could we say to that......Son of a Gun!!

160-Meter TRANSATLANTIC/TRANSPACIFIC TESTS These have been held annually since 1932 and many find them reminiscent of the original crossings by Marconi, Deloy, Schnell and Godley during the first quarter century of the 1900s. Often participation in these tests has added valuable propagation information and improvment of techniques.

Because of the increased facility for 160 meter communication across the oceans, last season the tests were named "First Timer 160meter Tests" and the Regulars/Big Guns/Old Timers are asked to look for and work 'First Timers' only and especially during the contest period.
43 rd Annual Transatlantic 160 mtr Text
November 16/December 21/January 11/: February 8th 0500 to $0700 Z$ Saturday mornings
W/VEs 1800-1807kc DX 1825-1930kc
8th Annual Transpacific 160 mtr Test
November 15/December 20/January 10/February 7
1330 to 1600 Z Saturday mornings
W/VEs $1800-1807 \mathrm{kc}$ JAs 1907.5 to 1912.5 kc ZLs 1875kc KH6 1996-2000kc VKs 1800-1805kc Others 1800-1805kc or 'DX Windows' 1825-1830kc

Send reports to W1BB or your regular news media. Conditions are expected to be good
SHORTLY NOTED First, some QSL information: On that Kelly McCamy who operated 601 a few years back, this can be sent to c/o Max McCamy, 7515 Vernwood, Houston, Tex 77040. On that VS9AWR this should be good to G3SUQ, W/Cmdr W.D. Reid, 3 Newport Road, RAF Cosford, Wolverhampton, Staffs. WV7 3EX, ENGLAND. We even came up with a possibility for YI2AM. This success is exhilarating but we still ae groping for HB9AHA. Possibly if we cleaned the desk we could find some more. WA4TLB will be on Ascension signing ZD8AA in late October and QSLs will go to W4USN. That KD50ME can QSL in two directions...either via W5UK or WA5TRX. $9 J 2 \mathrm{MH}$ asks that it be known that his QSLs go to VE3AUM. That WW9WW goes to Box 1, Plymouth, Wisc 53073. KQ4ST which was on during the ARRL Reston Convention goes to Box 599, Sterling, Virginia 22170. T75AA goes to Box 115, Guatemala City. And VE2AQS/TG9 goes to: c/o 2605 Curie Place, San Diego, Calif. 92122. Seems there has been some questions on this one....KG6JEU goes to 29 Ragsdale St. Nimitz Hill, Guam, FPO San Francisco 96630. OX3BW to APO N.Y. 09023.
Looking forward ${ }^{\text {d }}$ bit, KEZAN will be operating through all the month of November from Kean College in New Jersey. Mostly SSB...actually only SSB, and much of the operations will be on week-ënds. The plan is to jump into the ARRL Sweepstakes with this one. If you want to see who is behind all of this, check page 149 of the September issue of Sky and Telescope. What does this Old Timer often tell us here..."Remember that the Postmaster General is my nephew!!". Son of a Gun, what can one say to something like that....so we come back with: "Yeah, and remember that the Governor of New Jersey was my roommate down at Memphis States years ago". That's what is called a long-distance stand off. Everybody makes their point.....nobody wins!!
We are almost caught up this week....almost. We did not make the Tuesday mail last week as planned. Actually we got the out-of-state in the mails Wednesday and the Deserving Sixes on Thursday. This week we are a bit closer...but not what we want. Everyone has problems and we had ours. Last weeks mailing was 999 copies.
HV3SJ is looking for 9 N1 MM at 14275 kc on Saturdays from 1530 and the Vatican station will be trying 80 meters during October from 1700-1800Z. TR8DG is found most mornings just below 3800kc. Maurice Caplan, VS5MC, did not make it to the states as hoped for, Maurice getting a job offer in England that he could not refuse. Presently he is in Liverpool, the address being 3 Malvern Road, Liverpool, England.
VE8RA made it to Helsinki for that DX gathering, visiting in Berlin, Denmark and Sweden. Karl has been trying to figure out a way to operate from Antartica but so far has run into stone walls. He's still trying...,

REPORTS FROM RED EYED LOUIE

DX is a lonely hunter That hunts on a lonely hill.....

AFRICA CW
C9MIZ 21025/1825/Sep 5w
C9MAD 14037/1320/sep 6e EA9EW 14050/2220/Sep $\ddagger 2 e$ FB8XJ 14026/1155/Sep 8e\# FB8ZF 14039/1225/Sep 8e FI8PE 21042/1845/Sep 5w FRTZI 14018/1535/Sep 15w G6ZY/CN 14025/1225/Sp 15e VQ9R 14026/1850/Sep $13 e$ ASIA
HM5 HW 14045/1200/Sep 5m HZ1AB 14024/1245/Sep 6e JA2RGH 14045/0130/Sep 15m JF1RWZ 14037/0150/Sep 15m JT1 AO 14036/0225/Sep 4e JT1KAA 14038/0035/Sep 9e UAфAU 14030/0200/Sep 3m UAØFCK 14026/1240/Sep 7m UD6DJX 14050/0335/Sep 3w UD6.DJT 14039/1645/Sep 15w UF6FAO 14027/0300/Sep 5w UF6FDL 14035/0335/Sep 4w UH8BU 14040/1720/Sep 4w UH8BE 14027/0305/Sep 5w UH8HBF $14005 / 1425 /$ Sep 15 w UH8BZ 14029/0330/Sep 13w UH8DH 14038/0250/Sep 1m UH8DC 14034/0405/Sep 4w

| ZD7SA | 14030/2130/Sep 6 |
| :---: | :---: |
| TM | p |
| ZE1 AS | 14030/1430/Sep |
| S1XR | 14030/1430/Sep |
| ZS2EM | 21025/1620/Sep 6 |
| ZS6DT | 14054/1520/Sep 12 |
| ZS6EA | 14036/1525/Sep |
| ZS6 | 14034/1540/Sep |
| 3B8DO | 14048/1250/Sep |

3B9DA 14038/1250/Sep 6e 5L2F'T 14030/2320/Sep 12w 7X4MD 14027/1935/Sep 10e 7XØWW 14024/2150/Sep 12e 9J2AB 14028/1335/Sep 9e 9J2CJ 14060/2215/Sep 13w 9J2US 14042/1335/Sep 7m\# 9L1BH 14029/2250/Sep 15w CN8HD 28083/1750/Sep 11e

| UH8BU | 14040/1400/Sep | ULTHD | /Sep 13w |
| :---: | :---: | :---: | :---: |
| IK | 14003/0200/Sep 4w | ULTJAA | 14031/0145/Sep 5e |
| UI8IYL | 14017/1655/Sep 3w | ULTWH | 14035/0320/Sep 6m |
| UI8IF | 14032/1600/Sep 3w | ULTPGB | 14034/0305/Sep 1 m |
| UI8IAH | 14020/0220/Sep 15w | UW9VH | 14028/0035/Sep 8e |
| UI8MK | 14013/1530/Sep 14w | UD6DIA | 14032/1625/Sep 15m |
| UI8BAU | $14004 / 0320 /$ Sep 4 w | VS6BL | 14025/1120/Sep 15e |
| UJ8AE | 14031/0210/Sep 4m | vU2GW | 14006/1440/Sep 2w |
| UJ8AC | 14011/0255/Sep 5m | VU2RAK | 14028/0140/Sep 4 m |
| UJ8JBR | 14061/1525/Sep 3 w | 4STNE | 14030/1825/Sep 8e |
| UJ8碞F | 14045/1440/Sep 16w | 4Z4NMB | 21027/1420/Sep 5e |
| UK7GAB | 14051/0330/Sep 7w | 9M2IN | 14050/1515/Sep 10m |
| UK7GAL | 14023/1635/Sep 14 | 9V1RD | 14047/1525/Sep 11w |

EUROPE CW

C31IL 14036/1530/Sep 16w CI1XI 14038/1825/Sep 9e CT1 QL 14025/1120/Sep 5w DJØFU $14051 / 2345 /$ Sep 14 m EA5CS 21030/1755/sep 6e EA6DD 14030/2130/Sep 6w EATVN 14017/1120/Sep 16 e EITCR 14035/1110/Sep 6m G3FXB 14024/1620/Sep 16w G3XSN 21028/1305/Sep 5e GC4CHY 21034/1750/Sep 5w GI3IVJ 14036/1635/Sep 10 m GM6JUD 14007/1910/Sep 5w GM6RI 14004/1450/Sep 8w GW4 ACO 14031/2200/Sep 3e HB9AHA 14011/1745/Sep 2w HA8KCK 14037/1840/Sep 3 w HAZNF $14043 / 1620 /$ Sep $3 w$ HA2KME 14029/1500/Sep 8 w HA5KHC $21039 / 1410 / \mathrm{sep} 1 \mathrm{e}$ DK5WL/HBø 14035/1910/ 8e DJØIP/HBØ 14028/1200 12e

HV3SJ 14067/1625/Sep 3w ISめFPH 21011/1520/Sep 6e ILTECV 14033/1705/Sep 15w JW5NM 14030/0030/Sep 14 e LA1K $14078 / 1455 /$ Sep $4 w$ LZ2LT 14023/1125/Sep 16e LZZGS 14020/2015/Sep 7w IZ1AU 14007/1935/Sep 4 w M1C 14017/2310/Sep $8 e$ OH3 IM 14019/0100/Sep 5w OH6KN 14036/1800/Sep 4w OH2NB 21027/1435/Sep 5e OH9TH 14038/2315/Sep 9m OH9SI 14007/1625/Sep 16w OH9TK 14065/1455/Sep 4w OHØPA 14020/1125/Sep 6m OE4WL $14037 / 1345 /$ Sep 14 m OK1 US $1.4011 / 1545 /$ Sep 7 w ON4QO 14039/2140/Sep 3 w ON4KK 14014/2025/Sep 5w ON5JL 14023/2030/Sep 4w ON6GA 21037/2005/Sep 1w

OZ1VY 14030/1800/Sep 2w OZ1UK 21027/1430/Sep 5e PE2EVO 14006/1535/Sep 7m PAøWVK 14009/2215/Sep 4w PAØLJZ 14051/1540/Sep 9w SP2BMX 14052/1120/Sep 16e SP8GUV 21027/1425/Sep 5e SP7ID 14007/1940/Sep 4w SM2GCQ $14028 / 2335 / \mathrm{sep} 14 \mathrm{~m}$ SV1IM $14016 / 2110 /$ Sep $6 e$ TF3AX 14038/2310/Sep 9m TF3IRA 14036/2245/Sep 3e UA1ZZZ 14034/1535/Sep 13w UC2LB 210.27/1415/Sep 5e UC2DU 14013/1500/Sep 7w UK1TAA 14035/1600/Sep 4w UK2PAR 14004/2000/Sep 1w UP2IK 14020/1230/Sep 8e UP2BAO 14031/1620/Sep 3w UR2GV 14002/1445/Sep 7w UR2GV 14002/1445/Sep 7w UR2ZN 14006/1745/Sep 4w

ELSEWHERES CW

CO2BM 14037/1450/Sep $12 e$ DU1JC 14040/1250/Sep 7e FG7XA 14022/1640/Sep 14w FG7AN 14036/2150/Sep 9m FG7XM $14030 / 1215 / \mathrm{sep} 14 e$ FN7AV 14041/1250/sep 3e F08EH 14012/0200/Sep 14 m FP8JP 14011/1955/Sep 11e HKøBKX 14021/0005/Sep 8e 4. KP4ECH $14029 / 1310 /$ Sep 13 m KS6FF 14031/2240/Sep 5e

KV4AA $14046 / 1155 /$ Sep 13 m KV4IJ $14034 / 1410 / \mathrm{sep} 10 \mathrm{~m}$ LUgCV 14026/0120/Sep 3w LU9FAN 14046/0140/Sep 15m 0X5BW 14040/0050/sep 14 m PJ3SF 14029/1835/Sep 8e PYTCAR 14030/0000/Sep 10m VE80V 14039/0240/Sep 142 VK6SA 14019/1245/4.ied. 6e VK2QI 14026/0300/Sep 15m PJ2VD 14023/1255/Sep 12 e VP2MD 14020/2310/Sep 10w

VP2ST 14010/1350/sep 6e VP2MB 14027/1825/Sep 14e VP2LAW 14043/1250/Sep $14 e$ XN1AW 14020/1230/Sep 11e XE1DE $14033 / 1300 /$ Sep 13 m YB AAAF $^{14018 / 2050 / \text { srp } 6 e ~}$ YS1WPE 21052/1830/Sep 14 m YS1WR敬 14048/0230/Sep 14m YV1AVO $14060 / 1445 / \mathrm{Sep} 10 \mathrm{~m}$ ZP5NP 14032/0045/Spt 14 e 9Y4RR 14037/2320/Sep 12m 9Y4TR 14030/1225/Sep 13m

AFRICA SSB

| CJP | 14253/1320/Sep | 7w |
| :---: | :---: | :---: |
| CN8BD | 14204/2200/Sep | 12 e |
| CN8DX | 14213/2150/Sep | 16w |
| CR4BS | $14203 / 2130 /$ Sep | m |
| CT3AF | 14236/2010/Sep | 13 m |
| C9MMH | 14230/1510/Sep | 6w\# |
| EA8JF | 14205/1835/Se | 11w |
| EA8IS | 21280/1820/Sep | 6 e |
| EA8CR | 21313/2320/sep | 7 e |
| EA9FC | 14235/2015/Sep | 13 m |
| FR7ZG/E | 14213/1240/sp | 15e |
| FR7ZQ/ | 14213/1230/Sp | 12 m |
| FR7BE | 14204/1220/Sep | 12 m |
| FR7ZW | 14250/1350/Sep | e |
| FRTZN | 14201/1230/sep | $6 \mathrm{~m} \#$ |
| FR7AE | 14224/1305/sep | 6m\# |
| FB8ZD | 14223/1300/Sep | 3m |
| F'B8ZG | 14255/1235/sep | 6m\# |
| FL8PE | 28580/1105/sêp | 14yb |
| IJ1BF | 14273/2135/SEp | 7 e |


| TU2EF | 14205/2330/Sep 14e |
| :---: | :---: |
| TU2EP | 14202/0025/Sep 12w |
| TU2FK | 14213/2310/Sep |
| TR8SS | 28550/1040/Sep 14yb |
| VQ9M | 14210/2015/Sep 2 e |
| ZD8LS | 21303/2120/Sep 5w |
| ZD9GV | 14207/1705/Sep 7m |
| 2S5 ${ }^{\text {a }}$ G | 14222/1250/Sep 15w |
| ZS6AW | 21351/1740/Sep 6e |
| zS6AWU | 21317/1415/Sep re |
| 3B8D | 14216/1335/sep 6m\# |
| 3D6AJ | $14255 / 1245 / \mathrm{se}_{\mathrm{e}} \mathrm{p}$ 6m\# |
| 5I7F | 14200/1750/Sep 11e |
| 5L2FT | 14206/2345/Sep 11e |
| 5L2FR | 14228/2005/Sp 10e |
| 5U7BD | 14218/2010/Sep 12e |
| 5V7WT | $14216 / 2205 / \mathrm{s}_{\mathrm{e}} \mathrm{p} 12 \mathrm{e}$ |
| 6W8DY | 14206/2150/ug 28e |
| 6W8FP | 14215/2130/Sep 10m |
| 5Z4NH | 21352/1905/Sep 8w |

5Z4JK 21353/1850/Sep 4m
7Q7DW 14204/1255/Sep. 7e\#
7Q7BC 14221/1305/Sep 7e\# 7Q7BC 21317/1840/Sep 4m 7X2FL 21270/1600/Sep 17m 9G1JC 14210/2230/Sep 15w 9G1GK 14206/2055/Sep 16w 9G5AC 14222/1535/Sep 16w 9G1AK 14314/1515/Sep 7e 9G1AT 14314/1515/Sep 7e 9J2AB 21300/1730/Sep 7e 9J2MH $21318 / 1730 /$ Sep $6 e$ 9J2AB 14205/1310/Sep 6m\# 9J2BO 14213/1500/Sep 6w\# 9J2TJ 14209/1500/Sep 6w\# 9J2MH 21297/1910/Sep 4w 9J2CJ $21334 / 1850 /$ Sep 4 m 9Q5VB 14227/2115/Sep 12 e 9x54. $28550 / 1030 /$ Sep 14 yb

| AP2AD | 14235/0155/Sep 15m |
| :---: | :---: |
| BV2B | 14208/1245/Sep 8e |
| EP2SN | 14333/1940/Sep 5e |
| HL9T0 | 14245/1225/Sep 6e |
| WCKT | 14284/1420/Sep |
| HS5AWK | 14262/1320/Sep |
| HZ1AT | 14333/1930/Sep 7e |
| Hzisi | 14248/2200/Sep |
| JY9DGC | 28550/1030/Sep 14yb |
| OD5CI | 14275/1910/Sep 5e |
| OD5HQ | 14211/1915/Sep |


| OD5JE | 2030/sep | 12e | VU2CK | 14210/0200/Sep | yb |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0330/Sep | 9m | VU2GDG | 14224/1600/Sep | 3m |
| I8LAG | 14220/0320/sep | 5m | VU2HI | 14224/0240/Sep | m |
| UK7LAH | 14221/1540/Sep | 3w | VU2YY | 14204/1300/Sep | 6m\# |
| UK9MAA | 14226/0200/Sep | 15m | VS9MB | 21278/1610/Sep | 12 yb |
| UKøSAA | 14207/1225/Sep | $16 e$ | 4Z4MW | 21345/1920/Sep | 4 m |
| UVØEX | 14230/1220/Sep | 3 e | 9M2GV | 14286/1415/Sep | w |
| VS6DO | 14210/1215/Sep | 15e | YMzGA | 14272/1445/sep | 3w |
| VS6BL | 14210/1305/Sep | 3 e | 9N1 MM | 14212/0040/Sep | 2m |
| VS6FB | 14206/1215/Sep | 6 e | 9V1NR | 14210/0210/Sep | 14 yb |
| VS6DD | 14205/1235/Sep | 6 e | 9V1SH | 14203/1615/Sep | 5 m |



## RED EYED STUHF

## EUROPE SSB

C31IL 14203/0030/sep 8e CTIOY 14217/1820/Sep 11e CT1UA 14282/1115/Sep $16 e$ DU1REX 14226/1220/Sep 6w EA3CR 14211/2000/Sep 12w EA5JE 14212/1830/Sep 2w EI9V $14249 / 2025 /$ Sep 2e FC9UC 1420.7/1500/Sep 13 m G3NVA 14205/1910/Sep 15w GC3DVC $14208 / 2130 /$ Sep $5 w$ GI30QI $14333 / 1955 /$ Sep 7e GW3NNT 14222/2000/Sep 15e GW4BNJ $14333 / 2020 /$ Sep $15 e$

## ELSEWHERES

 SSBCE3AGL 28622/2010/Sep 6w CE7BAL 14233/0205/Sep 13w CP5DW 21325/1840/Sep 3e CP6EK 21277/1735/Sep 11e F08DP $14210 / 0225 / \mathrm{Sep} 4 \mathrm{~m}$ FYTAN 21307/1800/Sep 7e HC1CW $21308 / 2130 /$ Sep 14 m HC2IL 21344/2330/sep 9w HI8CC 28600/1750/Sep 6m HR1MM 21343/1920/Sep 14 m HR6SWA 14265/0325/Sep 4m KH6GKD/KB6 14205/0500 7e WA6LiRG/KB6 14224/0325 11w KG4DS 21355/2020/Sep 14w K1MTJ/KG6 21305/0315 6w KD50ME 14280/2315/Sep 14w KO2MAP 14205/1550/Sep 2w KQ4ST 14322/1530/Sep 13m KM6BI 14262/0405/sep 6e KM6EA $14333 / 2050 /$ Sep $6 e$ KS6FD $14236 / 0210 / \mathrm{S}_{\mathrm{e}} \mathrm{p} 15 \mathrm{~m}$ KS6ET 14286/0000/Sep 14yb KV4AD 14217/1250/Sep 11m EIGHPY METER LOUIE

C31IL $3797 / 0530 /$ Sep $12 e$
DL3VJ 3789/0340/Sep $12 e$
DLØWW 3789/0340/Sep 12e
DM2DUK 3782/0435/Sep 13e G4BAN 3797/0450/sep 4e JA1JHH 3501/1315/Sep 18w JA9LEG $3503 / 1300 / \mathrm{Sep} 11 \mathrm{w}$ KG6AAY 3805/0600/Sep 16w KG6JFY $3503 / 1320 /$ Sep 11 w K1MTJ/KG6 3505/1320 6w

HACKME 21295/1610/Sep 4 m DA2PW/HB $14203 / 00308 e$ HB9FU 14276/1910/Sep 11e JW5NM $14215 / 1905 /$ sep $4 m$ LG5LG $14202 / 1245 / \mathrm{sep} 6 e$ LZ2KKZ 14236/1935/Sep 3e ON8 Onjude $14218 / 1120 /$ Sep $4 e$ OH2RE 14264/1125/Sep 4e OK2KOS $14228 / 2035 /$ Sep $7 e$ OZ1JU 14297/2040/Sep .7e OZ7HM $14208 / 1135 / \mathrm{sep} 4 e$ SVØWKK 14209/1845/Sep 15w

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\begin{array}{llr}
\text { SVØID } & 21346 / 1930 / \text { Sep } & 5 \mathrm{e} \\
\text { SV1DO } & 14247 / 1920 / \text { Sep } & 5 \mathrm{e} \\
\text { UK6IAZ } & 21315 / 1925 / \text { Sep } & 4 \mathrm{~m} \\
\text { UK5MAF } & 14237 / 1540 / \text { Sep } & 14 \mathrm{w} \\
\text { YZ1EXY } & 14225 / 1825 / \text { Sep } & 11 \mathrm{e} \\
\text { ZB2BL } & 21315 / 1925 / \text { Sep } & 4 \mathrm{~m} \\
\text { 4U1ITU } & 14218 / 1730 / \text { Sep } & 16 \mathrm{w} \\
\text { 9H4G } & 21315 / 1525 / \text { Sep } & 13 \mathrm{w} \\
\text { 9H4H } & 21285 / 1945 / \text { Sep } & 5 e
\end{array}
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LU4ECO 28593/1755/Sep 7e IJUTFAG 28544/2000/Sep 6w LU9MP $14219 / 0240 /$ Sep 4 m 0X300 14209/2120/Sep 15w P29CD 14211/1315/Sep 3m PJ4CR 14236/1110/Sep $16 e$ PY8JO $21280 / 1750 /$ sep 6 m TI2PPL 28563/2240/Sep 7w TI2ADJ $21314 / 1735 / \mathrm{Sep} 7 \mathrm{e}$ T75AA 14211/0030/Sep 15e TG4SR 21305/2330/Sep 9w VK2DA 28590/0030/Sep 8w VK9XK 14204/1230/Sep 5e VE2AQS/TG9 21305/2120 14w VP2DH $14206 / 2215 /$ Sep $12 e$ VP2AR 14230/ $3345 /$ Sep 5 w VP2AA 14281/1125/Sep 4e VP2AYL $14333 / 2025 /$ Sep 7e VP2LA 14201/1340/Sep 6w VP2IL 14280/1300/Sep 7w VP9HM 14333/1920/Sep 7e VR1PE $14205 / 0500 / \mathrm{Sep} 7 \mathrm{~m}$ VR4DX 14224/1255/sep 9m

VS5MG $14197 / 1400 /$ Sep $7 w$ WW9WWW 14211/1720/sep 14w XT2AA 14260/2200/Sep 5e XJ8RCS 14203/1850/Sep 5w XE1AFU 28637/2340/Sep 7w YBøABV 14221/1220/Sep 15e YBØABN 14212/1330/Sep 15e YBØPG 14207/1225/Sep 15e YVØPJ 14204/1240/Sep; 9m YJ8AA $14242 / 0300 / \mathrm{Sp} 6 \mathrm{w}$ IN7HW 14219/1235/Sep 2e YS1SC 14298/0010/Sep 3e ZILJB 14204/0510/Sep 8m ZL1HJ $28583 / 2345 / \mathrm{Sep} 7 \mathrm{w}$ 3D2ER 14210/1350/Sep 6m 5W1AU 14226/0445/sep 6m
 8P6FU 21278/1555/Sep 12yb 8P6GC 14207/1250/Sep 11m 8P6DH $14208 / 1210 /$ Sep 11 m 9Y4HM 28613/1910/Sep 1e 9Y4RH 21279/1930/Sep 1e 9Y4BB $14265 / 0330 / \mathrm{Sep} 4 \mathrm{~m}$

KV4FZ 3815/1030/Sep 8e OK1KSO 3798/0430/Sep 12e ON4IJ $3798 / 0330 /$ Sep 5e巽5AA $3794 / 1150 /$ Sep 14w UI8IAG 3502/1400/Sep 9w VK2BFJ 3501/1310/Sep 10w VK6CF $3696 / 1300 /$ Sep $8 w$ VK200 3504/1345/Sep 14w WPAABB 3787/0430/Sep 12m VP2DM 3805/0045/sep 8e

VP2ABC 3795/0210/Sep 6e VS6DO 3805/1250/sep 9w YS1MAE 3798/0355/Sep 12 e ZL1BXD 3805/1310/sep 3w ZL3QE $3806 / 1325 / \mathrm{S}_{\mathrm{e}} \mathrm{p}$ 16w ZL3NR/C 3799/0625/Sp 13w ZS6DW 3777/0330/Always
( $e=$ eastern states $m=$ middle states $w=$ western reaches $y b=$ indonesia etc ) (all times in gmt \# = long path ??? = Slim...not hear from lately but he'saround!)

ANNOBON
NIUE
AVES
RODRIGUEZ
LIECHTENSTEIN
4TMy WW DX TEST
EUROPA
W9DXCC MEEPING
CAIIEORNIA QSO PARTTY

EA8CR and OH2MM late October signing 3C2DE and 3C8CR
VK5XK opening on or about November 7th for one month
YVQAI/ YVD reported as presentiy there...to the end of the month
zhent active....
MBSNL due to open October 4 th
The Four Nears!!! Phone October 25/26th CW Nov 29/30th!!
FRTZG/E and FRZZQ/P reported being there...twenty meter SSB The GREAT SCRUD CONIEST!! Waltham, Mass Oct 4th..W1VAI for info The only chance this year to work the Sixes in the QSO Paxty... October $4 / 5$ th

WH ORTY METER LOUTE
CE2EBR 7018/04/40/Sep $13 e$ CE3AXP 7004/0140/Sep 16w CE4AA 7008/0420/Sep 13m CM9IZ 7004/0400/Sep . 4w CO2KG 7009/0500/Sep 1w CO6AF 7027/1230/Sep $12 e$ C9MCN 7006:1430/Sep 12w CX1BBL 7002/0225/530: 11e CT10I 7002/0350/Ser 15w C6ANB 7019/0035/Sep 1e C31IL $7005 / 0240 / 83 p$ 3e CI3AF 7087/2355/Sep 14 m DLTQT 7002/0540/Sep 9w DU1XKE 7040/1130/Sap 5W EATJD 7027/0620;'Sep 5m EA8BF 7005/0350/Sen 9w EA8CR 709a/2340/Sep 1tytia EA8BE 7004/0405/Sep 9w ET9Q 7010/0455/Se 6w F3NB 7011/0655/Sep 9w F5QF 7008/0410/Sep 1w FB8YC 7009/0800/sep 13 m G3RTE 7003/0550/Sep 9w G3DIX $7005 / 0545 / \mathrm{sep} 3 \mathrm{w}$ GC2LU 7002/0540/Sep 6w HB9AFI 7019/0455/Sop 3w 8P6GP 7014/0300/Sep 10 w

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MADISON ELECTRONIC SUPPLY 1508 McKinney Ave. Houston, Texas 77002 (713) 2242668 Nights (7.13) 497.5683
CDE HAM-2 ROTAMORS (List Price on HAM-2 is \$159.95) At Madison it's \$117.001! Belden rotor cable $12 \phi$ foot
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ETMAC 3-500Z \$50.00 asch

20\% OFF LIST ANTENNAS HY-GAIN TH6DXX HY-GAIN $204 B A$
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Write Don, K5AAD, for a quote on any gear you need. Anything!!
Max W5GJ Don KSAAD Mary W5MBB Dave WASZNy John W5AB

FCC John Johnston, K3BNS, has been appointed Chief, Amateur and Citizens Division of the FCC. This fills the vacancy caused by the retirement of A Prose Walker, W4BW.

Previously, K3BNS has service in the Division as Chief, Rules and Legal Branch.
POSTAL ITEMS The question of the acceptance of IRCs has again be eliasked, this time in one of the SEAsia countries. Every country in the world belongs to the Univexsal Postal Union and without membership in this body there would be difficulty in moving mails to other countries......or receive mail from other countries. Every IRC carries the title "Union Postale Universelle". It can be flatly stated that IRCs are good in every country and every Post Office. Sometimes the problem is convincing the other side of the transaction. Often this stems from unfamiliarity with IRCs because unless there is a DXer in the neighborhood, the demand for IRCs is a bit scanty.

The Postal Service has filed for another rate increase, this to be effective juste after Christmas. An increase in International Postage is also coming up, this one probably will be effective just after the first of the year.

TNX to W1AM, W1DAL, W1VAH, W2FPM, W4HU, W4KA, WB4SIJ, W4UF, W4UMF, W5AK, W50SJ, W6MI, WA6MWG, W6OKK, W6PT, W6TSQ, W6TTS, W7AYO, W8ZOK, K9KEV, K9UIY, WØFRN, KH6BZF, DLTFT, YBØABV, JA3KWJ, W1WQC/4, WB2IOF, W4KA, WB4TPU, WA5ZWC, W60L, WAクOBH, WAØTAS.

WEST COASI DX BULLETIN Published every week by the Marin County DX Group. Down in the village last week we ran into one of the local QRPers and we talked of the way things were these days. HThere never seems to be time for the things we used to do", we said and the QRPer shook his head. "Don't say that", the GPRer cautioned, "for these are still the gaod days and you will enjoy and remember most of them". We thoughtabout this for a bit and had to agree. For there are still those warm, sunny days when the air is clear and cool and the world is quiet in the dawn hours. And to drift down the curve of the hill and through the woods with the morning breeze upon us and the car radio playing one of Johannthe Younger pieces is to know the grood days and the good experiences. And DX is coming back and the morning long-path is with us again. Enjoy the good days and their good times and a full year of DX Alarms comes your way for $\$ 13.00 \ldots . . \$ 15.00$ flings it beyond the edegs of the world to where DX waits in those lands below the winds:..........

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