## RULIMTIN



THE COLVINS Lloyd and Iris secured their British Virgin Islands operations after the CW Test this last week-end and will be showing up from a new location, possibly before the end of the week.

Their plans were a bit indefinite last week but previously they had announced that they would be working down the chain of the Lesser Antilles. Look for them in their usual operating areas.

TURKAY Franz Lagner, DJ9ZB, operated from TA-Turkey in the WW DX TEST SSB effort at the end of October and Franz reports that things were not as he had hoped.
Using a ground plane on twenty meters did not work out. The conditions for the U.S. just did not exist and TA22B did not find the anticipated action.

Franz says that the next time out he will take a three-element beam along,
SUNSPOTS The problem with determining the bottom of the sunspot cycle is that this is usually not a sure thing until about six months have passed since the minimum. The September MONSEE bulletin noted that the present cycle, Cycle 20, has been longer than recent ones but has not yet reached the minimum values of 1964,1954 or 1944.
Recently attention has been given to the fact that near each of the past five sunspot bottoms there has been a period of about three months during which the magnetic field near the earth has been predominately positive in polarity. Such an interval was believed to be occurring last summer and during late June and early July the Stanford Solar Observatory observed that the mean solar magnetic field to have 'away' or positive polarity in twenty-six out of the 27 days. There was some expectation that the 'away' polarity may continue for two months and that we would then be near the statistical sunspot minimum.

Other indicators are being noted. The sharp peak in February of the very low 2800mhz solar flux frequency days..... the number of high latitude sunspots observed in recent months and the cumulative number of spotless days. These along with high cosmic ray level and low geomagnetic activity indicate the minimum is near.

You can turn to Sunspot Louie and find the sunspots are back. There have been sunspots since November 18th. It certainly would seem that the time for the sunspots to return has come and the good days are at hand.

OTNSPOT LOTTE Lest week we cepox"ad the cbsence of any guns at activity up to November 17th. Thare was none. but on November 18th an motive area was noted near the eartam linib, this at the time of sighting have one spet covering $100 /$ millionthsi of the solar suriface.
A day later another motlve araa was roted near the western IImb, thits hiving two spots and not covering any large area, one/miliionth of the auns auxfece. Thila area was gone the follow Ling day.
1e eree shown on this week's chart, this being thic one area that wes first noted on November 18 th, hati been an active spot, covering. 180/milifonths of the surface on the 22nd and was covering $140 /$ milil chart. It was located then at $12^{\mathrm{N}}$ and $04^{\circ} \mathrm{E}$.
tht was something like seventeen days with no sunspould lith. Something is going on.
But that, while interesting, is more histoxy than enything else. WWV was saying that conditions were not too good at the start of the CW DX Test last weokend. Burt tivere is more to come......like the Ten Meter Test, the Hungarian Test and the Spanish Test. And WLOMF has peered into the future and Ted sayd it will be something like this....give or take a few flux.....

| December | 1st | High Normal * | December 7th | Below Normal |
| :---: | :---: | :---: | :---: | :---: |
|  | 2nd | High Normal | 8 th | Low Normal |
|  | 3rd | High Normal | 9 th | Below Normal |
|  | 4 th | High Normal | 10 th | Below Normal |
|  | 5 th | High Normal | 11th | Low Normal |
|  | 6 th | Low Normal | 12th | Low Normel |

A1l of these are relative. But the DX is starting to come back and Red Eyed is finding mowe of that Africa DX, more Indian Ocean and more fifteen meter stuff. Thers is also more attention being given to the WWV reports and the $A p$ ard the $K$ reports. Check Ted Cohen's article in September 1974 CQ and you will find that the Ap is the previous day index.
Anyhow, many are confused and as we join in the throng, we find that K6EC is tuned in WWY faithfully and Ev says that the good words, were:

Solar Flux

| Nov 15 th | 73 |
| ---: | ---: |
| 16 th | 72 |
| 17 th | 75 |
| 18 th | 77 |

Solar Flux

| Nov 19 tin | 78 |
| ---: | ---: |
| 20 th | 75 |
| 21 st | 75 |

The grod days of DXing look to return soon. There axe ciarts and signs and reports. But the best way to check the band is to lister.........

RYסZAE Hal is indicating that he will be on Trindade until February. The electric nower on the island is off from 0050Z to 0900Z every day. This tends to narrow unings a bit but Hel has ordered batteries so he will have more options to pick the better hours for forty and eighty. Filck has yet to receive the FYøZAE QSLs from the printers..... The electrolytics need for 166 m . . cperetion have come apart and this band has not been a source of
$=$ any optimict racut? The thing just blew....

30 November 1976

 which could set off a negative reaction overseas. 73,
Sincerely, youi..
$\begin{array}{ll}\text { RLB:dlf } \\ \text { cC: President Dannals } & \text { Richard L. Baldwin, WlRU }\end{array}$

how the problem can be alleviated, diplomatically and without rulemaking Of se siayto moy to nok worf suohs ańns əuoวtom əM'əsinos IO<br>   keep 14,200 clear for other kinds of DX activity; and information on

the ARRL Official Observer sirstem.


 terms, the packet will outline the FCC regulations which bear directly
 solution. To that end, we 're developing a Spanish-language
information packet whicin we propose to send as soon as a permit In most cases, we believe that education can be an effective
solution. To that end, we 're developing a Spanish-language
patching, and from correspondence we can see that it is more than
just the Miami area that is affected. the operating practices of reciprocal permittees in the U.S. We
recognize that there is a problem, especially as regards phone
patching, and from correspondence we can see that it is more than
 Dear THE AMERICAN RADIC RELAY LEAGUE, INC.

SHORTLY NOTED The Thanksgiving Holiday threw everything out of kilter and nothing seems to be in place. It was a choice of work or football and turkey. We tried all three..... Thus, like the half-tones of KH6BZFff $f_{f}$, things do not turn out the way one hopes.
We will be back with the photo of Lee, however. That is our test pattern and one of these days you will really know how the Big Gun of Kaneohe appears.
JX2FL now QSLs via LALYF.....Hans Kinck, 3800 Bo I Telemark, Norway. Big QS่L. .needs wide envelope....plus 2 IRCs. JX2FL is again active this year and is mostly 14 mhz SSB and RTTTY. All the C21ME QSLs on hand have been answered by the SSL Manager. That WA6QFO/KM6 active from Midway some months back did QSL and QSLs to the home QTH did produce.....many attesting to this. That VQ8 noted along the way said he was in the British Navy and on Chagos. Did not hang around long. You figure that one out.
Subscription notices going out for some this week. Still think second class is the best and most economical. The second-class subscribers have topped all other classes and are now well over the 700 mark. First Class now under 600. 9D5B has been issued to EP20D. Bill Snider, K6KM, was the one signing 9D5A in the contest. QSL to WA6AEF. FR7BE to Box 137, Tampon, Reunion Island......
$\%$
WEST COAST DX BULLETIN Second class entry and postage paid at San Rafael,Calif. Published every week by the Marin County DX Group Hugh Cassidy WA6AUD
\$11.00 per year for second-class mailing to the U.S. $\$ 14.50$ per year by first class mail to the U.S/VE areas. \$17.00 per year for airmail service to Mexico and all the far DX lands back of tomorrows dawn.....

ARRL ELECTIONS The ballots were counted in the ARRU election for Director and Vice-Director in those divisions which ballot this year. The final tally came up with some changes.
Philip Haller, W9HPG, Director in the Central Division since 1963 and the Vice-Director there prior to that, lost the election to Don Miller, W9NIP, by a margin of 3235 votes for Miller and 2321 votes for Haller. Two years back Miller had made a challenge for the position and lost by a very namow margin. This, in case you have the question in mind, is not the Don Miller of Minerva Reef and elsewheres.

Incumbents are ve ry rarely beaten in the ARRL elections and this is the first instance in a good many years for a chair-holder to be topped. In the vicedinectors election in the Roanoke Division, Gay Milius, W4UG (WhNJF), was the winner over incumbent vice-director Donald B Morris, W8JM, Milius gathering 1568 votes to 1193 for Morris.

In th other divisisons the elections went for the incombents, this usually beilit the case in ARRT elections. They went in the following order.....

Central Division
Vice-Director
Hudson Division Vice-Director
New Angland Division
Vice Director
Northwestern Division

West Gulf Division

Ea Metzger, W9PRN, won relection over Kenneth Ebneter, K9GSC, 3268 to 2233.

George Diehl, W2IHA, won reelection over George Hawrysko, K2AWA, 2561 to 865.
John Iindholm, incumbent, won relection over Fred Evans W1JFF. W1DGL got 1601..W1JFF got 1506.
Robert Thurston, WTPGY, the incumbent director, won over May Lewis WTQGP, 2216 to 1086.
In the Vice-Director contest, Dale Justice, KTWWR, won reelection over Dwight Albright, W7HTF, 2207 votes to 1051

The current vice-director, Jack Gant, W5GM, won in the contest for the director's post, beating John sloop, WA5GCQ, 2603 to 673
In the contest for the vice-directors position, a three-way race found Douglas Brooke, K5YHX, getting 1704 votes to win with Thomas W Chance, WA5VJX getting 1095 votes and Tom Moriison, WB5IZN, betting 454 votes.

The incumbent directors were returned for another term without opposition in the Hudson, New England, Roanoke, Rocky Mountain and South westem Bivialons. Also, the vice-directors in the Rocky Mountain and Southwestern Divisions got another term without a contest.

UPPER VOTTA XTLRV opened up in mid-November and should be heard until mometime in February. This is R.L Vamey, G5RV, and he will be looking to activate THLAL during his stay there in West Africa: Look for him around 14025kc.... he -be ing rock-bound there.

If ever I said, in grief or pride, I tired of $D X$, I lied........

## LOW BAND LOUIE

G3RUE 1827/0610/Nov 14m GDLBEG 1825/0445/Nov 14m KH6CHC 1996/0625/Nov 20w
CO2JA 3795/0600/Nov 18w CT1MK 3788/0730/Nov 20w DL1PM 3521/0710/Nov 18m DL6NI 3508/0625/Nov 18w EA3JE 3799/0645/Nov 14 m EA8CK $3783 / 0740 / \mathrm{Mov} 14 \mathrm{~m}$ EI8H 3788/0815/Nov 22w F3NB 3502/0615/Nov 24w F6ARC 3791/0715/Nov 19w FódP 3521/0725/Nov 18m G3KFT 3780/0750/Nov 20w G3PCG 3799/0020/Nov 14 m HR3JJR 3793/0020/Nov 20e
C6ABA 7022/0730/Nov 21w
CE7AC 7007/0325/Nov 19w CO2OM 7003/0300/Nov 16m CO2DR 7003/0300/Nov 16m DJ6RX 7004/1435/Nov 17w EA8BF 7002/0110/Nov 18e EL2X 7002/0225/Nov 18e FG7AS 7008/0235/Nov 9ep FR7AT 7003/0200/Nov 19e KLTFA 7011/0100/Nov 22e KZ5HP 7089/1145/Nov 20e

VP1MPW 1805/0400/Nov 19w VE2AQS/TG9 1904/0500 20w VE6NS 1805/0400/Nov 16m
KGLTS 3790/0235/Nov 15w K6QHC/KG6 3807/1245 i9m KL7FA 3509/0305/Nov $22 e$ KX6BU 3521/0715/Nov 18m KZ5HP 3802/0225/Nov 19w OK1DIT 3521/0715/Nov 18m OY2H $3512 / 2235 /$ Nov $21 e$ PY5AID 3780/0425/Nov 18w PYסZAE 3806/0030/Nov 20e SP3FHV 3523/0650/Nov 18w OX3CS $3510 / 0020 /$ Nov $22 e$ VE2AQS/TG9 3789/0230 21w UB5IF 3517/1635/Nov 16ep
DU2ZA: 7006/0330/Nov 19e P29JS 7004/1140/Often PYøZAE 7029/2330/Nov 16e PJ8CM 7012/0335/Nov 20e TF3JB 7005/0045/Nov 22e UB5MD 7001/0130/Nov 18e UK5MAF 7005/1440/Nov 17w UK6LEZ 7002/1445/Nov 17w VP1MPW 7004/0510/Nov 21e VP2VDJ 7002/0045/Nov $22 e$ VU2PCD 7008/0310/Nov 9ep

ZL2BT 1812/0830/Nov 14m

UK2GKW 3518/0610/Nov 18m ULTTEM 3508/1630/Nov 16ep WA6EGL/VQ9 3,90/1425/21w VP2VDJ 3503/0030/Nov 19e VP2KN 3802/0530/Nov 14 e VP2DQ 3807/0230/Nov 20e VP2VBG 3816/1020/Nov $22 e$ VP2LL 3799/0420/Nov 18w VP5GT 3802/0300/Nov 19w vR3AH 3506/0745/Nov 20w VS6GG 3790/1420/Nov 17w vS6DO 3807/1230/Nov 19m 3AøNI 3502/0005/Nov 22e VU2GW $7005 / 1140 /$ Nov 14 e YS10 7005/0450/Nov 22e YB7aAU 7027/1510/Nov 19w YU3B0 7006/0105/Nov 17w ZE2JS 7016/0345/0ften ZP5AL 7002/0455/Nov 22e ZS6QU/3 7003/0610/Nv 20e ZS1ER 7004/0340/Nov 20e ZS6AOY 7001/0355/Nov 17w ZS6RM 7004/0420/Nov 18e 905SW 7010/0415/0vten

AFRICA SSB
A2CAJ $14214 / 2115 /$ Nov $15 e$. C5AM 14202/2145/Nov 15 e C5AZ $14208 / 2325 /$ Nov 18m FA8JJ 14206/1500/Nov 12w ELTF $14206 / 2145 /$ Nov $15 e$ EL申 AK $14201 / 2320 / \mathrm{Nov} 15 \mathrm{e}$ FIEKP $14231 / 2000 /$ Nov 15 e FR7BE 21316/1410/Nov 19e FR7ZW 14207/1725/Nov 20e ST2SA $21,305 / 1520 /$ Nov 19m TU2EF $14224 / 2330 / \mathrm{NOv} 18 \mathrm{~m}$ TU2FH 14192/2045/Nov 15e VQ8ZP $21303 / 1900 / \mathrm{Nov} 18 \mathrm{ml}$ 6W8FP $14202 / 214 / \mathrm{Nov} 16 \mathrm{e}$

WA6EGL/VQ9 14202/1850 21m WB6EWH/VQ9 21356/1525 19m 2E6JJ 14333/1915/Nov 17e ZD8AD 21355/1730/Nov 18m ZS1EZ 21259/1600/Nov 22e ZS3IP 21227/1820/Nov 17w ZS5ZD/3D6 21290/1610 16e 3D6BE 14211/2010/Nov 20e 3B8DL 14220/1730/Nov 18w G3MWO/3D6 21290/1845 16m 5N2NAS 21293/1730/Nov 21m 545CW 14213/1925/Nov 15 e

6W8AAD 21320/1530/Nov 19m 6W8FZ $21295 / 1825 /$ Nov 20e 7 P8AC $\quad 14226 / 1930 /$ Nov 20e 7P8BC 14202/2200/Nov 20e 7X2FO 14211/1530/Nov 20w 9G1KB 14207/2105/Nov 16e 9G1JX 14240/2220/Nov 15e 9G1CJ 14219/2150/Nov 15e 9J2GF 14220/2120/Nov 15e 9J2CJ 14330/2110/Nov. 16e 9J2CJ 21302/1855/Nov 18e 9L1BH 21302/1400/Nov 17m
(e = eastem states $m=$ middle states $\quad \mathrm{w}=$ western reaches $\mathrm{kh}=$ hawail (ep = iran etc. all times in gmt \# = long path ! = looks like confusion corner)

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MORE RED EYED LOUIE The Watcher of the Lonely Night！
AFTICA CW

| FB8BG | $14043 / 1400 /$ Nov 16 ep |
| :--- | :--- |
| FBBXP | $14025 / 2040 /$ Nov 21e |
| D2AAI | $21007 / 1600 /$ Nov 21e |
| ST2SA | $21028 / 1640 /$ Nov 19w |
| TR8BJ | $14027 / 2210 /$ Nov 16w |
| ZD8TM | $21020 / 1955 /$ Nov 18 m |
| ZELJJS | $21026 / 1855 /$ Nov 16 w |

AJTA CW

ALXVKK $14026 / 1415 /$ Nov 21m工丂9 ${ }^{2}$（4022／2240／Nov 19w HEN J 14015／0000／Nov 19w HM2uN 14039／0020／Nov 18m HMd́S $14020.0140 / \mathrm{Nov} 20 \mathrm{w}$

ZS10U 21033／1550／Nov 19w ZS1FD 21026／1945／Nov 21e ZS6WRC 21038／1630／Nov 17w ZS6QU／3 14028／2225／Nv 20w ZS600／3 21024／1940／Nv 21e 5Z4NI 14008／2030／Nov 20e 6W8AY $14036 / 1415 /$ Nov 16 ep

6W8EX
6W8FP
9G1JN
9J2WS
9L1CD

985SW 21031／1810／Nov 22w
21020／2010／Nov 18m 21040／1950／Nov 16m 14021／0010／Nov 21w $21078 / 1720 /$ Nov 18 m 21009／1925／Nov 21e －

UАфСDT 14040／2305／Nov 20m UA\＆FAM 14615／2255／Nov 19w UAøRA 14033／0015／Nov 17m UAdNX $14028 / 2350 /$ Nov $18 w$ UWø゙ぁT 14037／1820／Nov 21w VU2FC $14030 / 1620 /$ Nov 16ep 7Z1UK 21036／1750／Nov 19m

| VU2NX | $14203 / 1405 /$ Nov 21 m |
| :--- | :--- |
| VU2BK | $14203 / 1235 /$ Nov 16 m |
| VU2BX | $14204 / 1320 /$ Nov 16 m |
| VU2US | $14204 / 1320 /$ Nov 16 m |
| VS6GG | $1425 / 2310 /$ Nov 18 m |
| 9D5A | $14205 / 1410 /$ Nov 16 w |

OZ1BDB 14010／1520／Nov 19m PAøASG $14036 / 1330 /$ Nov 18 e PAфDC 14012／1710／Nov 18w PAøPKD 14056／1400／Nov 18m SP1ALK 14010／1500／Nov 19m TF 3JB $14015 / 1615 / \mathrm{Nov} 20 \mathrm{~m}$ TFF3DA 14028／0140／Nov 20w UC2BAT $14059 / 1400 / \mathrm{NOv} 19$ m UB5NU $14054 / 1445 / \mathrm{Nov} 18 \mathrm{~m}$ UK2BBE $14034 / 1325 /$ Nov $18 e$ UK1NAA $14044 / 1350 /$ Nov 18 m UK2ABC 14036／1315／Nov 17m UK2PAP 14038／1305／Nov 17m U05AP 14022／1200／Nov 14 e UR2BEO 14044／1325／Nov 16e UR2QD 14033／1310／Nov 19e UW1EO 14017／1500／Nov 17m UW1YY 14015／1750／Nov 21w 9H1CH $21028 / 1455 / \mathrm{Nov} 19 \mathrm{II}$ 9H1FA $14038 / 1930 /$ Nov 19e

## MADISON Electronics

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Call Don, K5AAD, ficr cixrent prices on items not listed. DXers HOTT LINE....(713) 658 8021.... 10 the Deserving Ones!

EA6BH 14236/2215/Nov 15e EI5P 14211/1935/Nov 19e FC9DC $14199 / 1440 / \mathrm{Nov} 15 \mathrm{~m}$ GC2RS 14219/1935/Nov 19e GI4AOD 14206/1500/Nov 21w GW4MJ 14218/1230/Nov 18e GWLBVN 14202/1715/Nov 19m ELSEWHERES CW

DU1EA 14025/1505/Nov 17w FG7AS 21003/1810/Nov 21w FG7AN 21026/1730/Nov 19m FO8EX 14013/0015/Nov 18w FP8JP $14030 / 1815 /$ Nov 18w FY7YE 14024/2305/Nov 17w HP1AC 21020/2100/Nov 21w KGLJS 14020/2340/Nov 19e KL7IOG 14028/1800/Nov 17w KLTPI 21029/2100/Nov 19m

## ELSEWHERES SSB

CE3ACA 21328/2110/Nov 16e CEDAE 14225/1400/Nov 16m FG7XI, 14187/2230/Nov 20m HI8XRG 21312/1340/Nov 17e KG65W 14?25/0000/Nov 20e KCLUSV 14225/1535/Nov 20w KJ6DL 21345/2130/Nov 17w OX3WU 14223/1940/Nov 18w PYめZAT 14202/2000/Often PYøZAE 21300/1700/Often

JW7FD 14204/1925/Nov 18m JW9WT 14205/2300/Nov 18m M1D $14214 / 1510 /$ Nov 19m OE6MBG 14204/1515/Nov 20m ENLUN 14212/1535/Nov 21w ON5KD 14209/1525/Nov 21w OY8I 14209/1410/Nov 19e

OZ7I 14201/1535/Nov 21w OZ7WK 14209/1410/Nov 19e SV1AE 14207/1410/Nov 19m SP9VU 14235/1725/Nov 19m UK2FAD 14225/1335/NOV 2ee 9H1CH $21293 / 1415 / \mathrm{Nov} 19 \mathrm{~m}$ 9H1DO $14212 / 1940 /$ Nov $19 e$

LJ2ZA 14038/0315/Nov 19e LU7XP - 14032/0025/Nóv 17w PJ8CM 14012/2310/Nov 19w PY申ZAE 21028/2020/Nov 21w PZ1AP 14014/2230/Nov 16w JA8UI/PZ 14009/2245/ 16w VK6WT 14002/1215/Nov 21e VP1MPW 14029/2240/Nov 17e DJøUP/VP2D 14026/1940 19e VP2VDJ 21048/2035/Nov 17w

K7VPF/VP2A 21032/1520 16m VR1AA 21015/2050/Nov 20e VR1AA 28020/2140/Nov 20w VP9IN 14010/1905/Nov 22w YB3AD 14022/1255/Nov 21e YB7AAD 14026/2335/Nov 19e ZL1AF 21025/1945/Nov 20w 2L1AH 28025/2130/Nov 20w ZP5NW 21043/2005/Nov 18m

IESOTHO TP8BC in Leriae is Brother Jerry Selenke, W9JER. Brother Jerry is in Lesotho as part of a group working to establish light industry to make the country more self-supporting economically.
7P8BC often is found around 14330kc and maintains a schedule with some friends back in Indiana territory on Saturdays at $14283 \mathrm{kc} / 1800 \mathrm{Z}$. Last week he was also around 14200kc from 2200 Z .

The gear includes the Drake line and the plan is soon to have a CI- 30 up for a better signal. QSLs go to WA9SMM, Robert Davis, 942 East Clark Stre \%, Warsed, Indiana 46580. The usual sase or sae/IRC is needed.

## CAIENDAR

IRINDADE
COLVINS
EASTER ISILAND
ARRL 160 Meter
ARRL 10 Meter
hUNGARTAN Test
SPANISH TEST
YU-80 Meter TESTY
WW 160mtr IEST
FRENCH CW TEST
ARRL DX PHONE TEST

PY价AE there for another month or so....all bands
Moving again......watch for new operation...
Terry/ex-VP2EWG, aiming for Easter and Juan Fernandez
in the near future.
December 3rd to 5 th
December $11 / 12$ th
tecember $11 / 12$ th
December $11 / 12$ th
January $8 / 9$ th
January $28 / 30$ th
Februaxy 29/30th
February $5 / 6$ th

SOME SHORT NOTES The unusual type of $D X$ is getting a bit rare with it appearing that a good many are waiting for the expected improved conditions to come with the new cycle. There is a lot of the small DX items but none of the really big stuff.
The change in Rule 9 will be amnounced shortly. There will be a grod many who will cheer and a good number to jeer. Whatever is the end result, it will again prove that it is easier to give than to take.....
5 ZLNI is SMdKV. ....and is going to be there in Kenya until next May. That ZSGQU/3 is ex-ZSGARS... and he will be in Windhoek on businens for abolit another month. He has a 200' wire out his hotel room window.
YB3AB is PA VP5AH to WALDRU. VP5B to WALEYR. VP5BER to W8IMZ. WP5CW to WLORT. VP5IZ to WALSGF. VPSM to WBLQRE. VP5T to WLGDG. VP5WW to WBlHTX. VP5 X to WBLDIU. Bet you never realized there were so many VP5s around. This was the Florida DX effort in the phone portion of the WW IXX Test.

ARRL That - 2775 mentioned last week should ve modificd to read Technicians to have privileges in the $28.0-29.7 \mathrm{mhz}$ band and novice privileges from 29.0 to 29.4 mhz SSA and $220-225 \mathrm{mhz}$ f.in.
The Big QRM still with us....the Ugly Pulse being heard again on November 18 th. Elsewhere in this bulletin there is reproduced a letter from the League on the operating practices of some reciprocal licensees in the U.S. Read it if for information only as it gives the ARRL position on a problem that is bad in the Southeastern area but also is a problem elsewheres....

TINX to W1DAL, W1MV, K1TZQ, W2FP, K2GBC, K3ZOL, WLAAV, WB4FDD, WALETR, WLGTS, WLKKA, WBLOXD, WLZR, WLUTF, WLUNF, WA5ADZ, ADXA, WB5EIN, KSFMM, WB5HVY, K50VC, WA50CN, W5OSJ, K5TSQ, K6BCE, K6EC, KGDT, W6KPC, W6MTJ, WAGMWG, W6PT, W6TSQ, WA6TLA, K6UFF, W6VD, W6VGD, K6VY, K7ABV, W7BCT, WA7COQ, WA7HRE, W7KSA, WA70BH, K8HLR, K8\%BY, W9DRL, K9KEV, WA9SMM, W9SS, K9WEH, WA9WKA, WøSFU, $K H 6 B 2 F f_{f_{f_{f}}} E P 2 V W$, DJ9ZB,
WEST COAST DX BULLATTN Published every week by the Marin County DX Group. One of the local QRPers came by last week and we sat and talked of nothing at all important. Along the way the QRPer said: "You know something? In just another week the sunsets will start getting later and we will moving into a new season when the days will be bright and the sunspots will return and there will be DX again for everyone. I can hardly wait for the good days to come." We, too, were ready for the good days to come but we had to clear up a few things first. "What do you mean?", we demanded. "What's this about the sunsets being later in another week. What's happened to the good old shortest day of the year, December 21st?" We knew we had the winner this time but the QRPer was hardly ruffled at our onslaught of righteous indignation. "Nothing has happened to the twenty-first", the QRPer said mildiy, "but at this latitude, and I would suspect most everywhere else in the northern hemisphere, from December Second to Seventh is the period when the sun sets the earliest. After than it starts setting later. That's the way it is.". We knew when we had the winning argument and seet out to do our research. And all we proved was that the QRPer was right. For there are still the great unknown truths in DXing and one wonders if things will ever be right when all the things we are sure about turn out to be wrong. A full year of vexatious DX truths will come your way by second-class mail for $\$ 11.00$. $\$ 14.50$ flips it by first-class mail to the US/VE areas. \$17.00 roars it by airmail to Mexico and all the afur DX lands where there is but one DX Truth

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