VIETP NAM Though there was previously mentioned the possibility that DM2DGO might show just before this last weekend, there has also been word that permission to operate was got given by the East German Radio Club.
It does seem that Hans will be in Hanoi, the possibility of an operation was not exactly promising.
WESTERN SAMOA Some members from the Northern Califormia Contest group will head for 5'W1-Westerm Samoa in another week and will start warming up for the WW DX Test...CW.. about November 23rd.
The group will be using Pete Grabosky's call of 放1AZ which he used some months bank. Pete will be included in the group, this being WB600L, and also in the effort will be Bob Vallio, W6RGG and one other whose call will be available before the effort.

The group will be aiming for a horrendous score in the contest and will have rotating beams for the bands forty through ten. They will have dipoles for eighty and one-sixty and they will be planning a full-bore operation.
Generally they will be 25 kc above the lower band edge.....on in that vicinity. QSLs will be handled by WA6AHF.
IRAN Another big push in the DX Test on November $27 / 28$ th will be mounted by a group of $H P$-amateurs in the Teheran areas A minimum of two $H P$ stations should be on the air fortthe full contest period and thiswwill be augmented by more FP-stations at times.
Among those to look for are EP2VW.....EP2SV......EPP20D. There is a likelihood that there will be others.
ROCAS ATOLL PYTYS indicates that he and possibly one other will be on this Brasilian atoll in early December for a short stay, possibly only two days. PY5UG is mentioned. as the other possible operator. 1 Q $\mathrm{RA}^{\text {a }}$ will be the call-sign for any operation.

Indicators are that this one has been submitted for possible DXCC credit. It does seem that his has previously been submitted and the atoll does not quite meet the criteria. However, there is always hope and something may be coming on this one.
The exact dates are not known yet. Probably more will be coming on this one.
墅TNDADE PY1ZAE, Hal Harris, was issued a PYøZAE call-sign in late October and he had d been heard on both SSB and CW.....and on most bands......and on a regular basis. He should still have about a month to go on his visit to Trindade and the high level of activity should make him easy to work by those searching even just a bit. QSL to PY1CK. The PY $\varnothing$ ZAE license came through on October 27 th.
VR7 We got a number of inquiries as to just where VR7 is. W6ID recently was talking with VR1AA and, as Dan issues the licenses, he also has the full information which he gave to W6ID.

VR7 are the Central and Southerm Line Islands.....between VR3 and FO8. Starbuck Malden, Vostock, Caroline plus one abler are in that area. The new VR7 license was issued to HB9AFL who expects to be there smmetime next year. Research is the reason for the trip. See how simple things are when you understand??? Be a Believer!!!

## SUNSPOT LOUIE

For the first time in a good many weeks we have come up with a blank. Son of a Gun! something must bo done about this....
The chart last week showed two active areas, these disappeared during the contest weekend. The large one in the upper hemisphere turned the corner, still a vigorous area when last seen turning the western limb though not as active as it had been. The smaller area in the southern hemisphere just faded over the' weekend and there have been no new volunteers to take their places.....yet.

That big area in the northern hemisphere had over 30 spots on October 26 th and the daily count was pushed into the forties. This is supposed to be the solar minimum for the end of Cycle 20 but sometimes one has to wonder just what is going on.

NATURAL HISTORY magazine for November has a number of articles grouped together under the heading: "The Turbulent Sun'. The five separate articles should give a bit of infompation to those interested in the solar situation. The recent activity has also brought a number of predictions that the start of Cycle 21 should be marked but there are still some who are withholding judgement.

The articles in the NATURAL HISTORY magazine note that if things had run as scheduled under the 11 -year cycle, we should have passed the minimum a year back. Others have noted that there has yet to be a minimum in any cycle on record which did not bottom out with a SSN of less than 10. Close to the bottom....yes! But already past the minimum.........it may not be. Watch the coming months, however. One of these days things will turn up again....

We got the full two-week forecast from WLUMF this week and for those who may be wondering, Ted says it will be:

November 9th Low Normal..but $\mathbb{H N}$ at times
10th High Normal..slipping to IN
11th Below Normal
12th Below Normal
13 th Below Normal from the 11 th...
14 th Below Normal May abate late on 14 th
15 th Low Normal...improving to HN

Nov 16th High Normal 17th Low Normal 18 th High Normal 19th High Normal 20th High Normal 21st High Normal

Things may be looking up as we turn into Thanksgiving Week and there is a possibility that things may even get into the Above Normal category on the 21st. Things should be relatively quiet in the solar department except for the stormy period expected from November 11th.

With WWV back at the 18 minute-after-the-hour schedule, K6EC keeps the $\log$ and it says it was:

|  | Solar Flux/A Index |  | Solar Flux/A Index |
| :---: | :---: | :---: | :---: |
| October 25th | 865 | October 29th | 73 - 4 |
| 26th | $81 \quad 4$ | 30th | 7312 |
| 27 th | 78 9 | 31st | $72 \quad 22$ |
| 28th |  |  |  |

SHORTLY NOTED George Thampson has recovered from the neck problem and presently is in Tunisia, rig ready to go, and waiting for a 3V8-callsign.
D6AB was due to come up on twenty SSB last weekend.... $14205 \mathrm{kc} / 1800 \mathrm{Z}$. This one continues to be worked by some looking for the new country there and reports from Hawaii indicate that they have been able to get through to this one. The QSL route for D6AB is F6CXT.
Norfolk Island, always in some demand, was at 1420 gkc at 0320 Z on October 28 th. Being worked in the middle states. CEDAE is aiming to get a trin-bander beam up but it is still in the planning stage as of a week ago. Father Dave was hoping to have it ready for the WW DX Test... SSB.... a week back.
PYøAE still not running out of takers. Hal has shown on 7 mhz and probably will be in the 3.5 mhz area before long if not already. He has scheduled $5 \times 5 \mathrm{NK}$ for the first two Sundays in November.....14225kc at 1900 Z with WBLECE in the middle directing traffic.
AlXVK on Masirah Island will be there for two years. Peter gets his mail via his home QTH, GLBVH. He has managed to work the western reaches on twenty around $1300 Z$ though this may be mostly the deserving DXers in Southern Califormia. He has a dipole up 15' and with this towering antenna made 1000 QSOs in 61 countries in three weeks....often fighting his way through competition from Europe and USSR stations. He hopes to have a beam on 15 mtrs soon.
ST2SA was another with a schedule on twenty c.w. He was looking for K6VY at 14050 on Saturdays.....around 2100Z. A good number looking for ST-land will or were hanging around the frequency.
It is hoped that everyone is catching the 18 -minute-after-the-hour WWV broadcast and have noted that both the ' $A$ ' and ' $K$ ' index are given. There is a difference and while it is best to check the original article by Ted Cohen, W4ONF and George Jacobs, W3ASK, it might be helpful to recall that 'A' refers to the previous day while 'K' is for the next couple of hours. Read the article...... you probably will learm a bit more every time around.
Incidently....and while we are in the neighborhood, WLUNF has another article in the November QST. This one the "Great Britain Interference Survey" on Page 56. W4UNF was in there on the RFI Committee of a year or so back and does have some relevant information in the article.
The TOTEM TABLOID of the Western Washington DX Club describes the about to be launched twenty meter array of OH8OS. Supported on a $200^{\prime}$ rotable tower with three bays of side-stacked yagis, the structure will have a $63^{\prime}$ boom on each bay with a six-element yagi mounted on each end. The bays are spaced 631 on the tower and elevation control is built into each bay. A microporcessor will sample signal strength....theoretical gain over a dipole is about 17 db ( 25 dbi ).
$\% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \% \%$
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 by second-class mail in the J.S. $\$ 14.50$ per year by first class mail in the U.S/VE areas. \$17.00 per year by aimail to Mexico and ail the far DX lands.
DX will rise again!! Be ready when the Great Day arrives. Join the Palos Verdes Sundancers! Be a participant, not a spectator in the Great DX tarantella!!

MORE SHORTLY NOTED First....we hesitate to mention it because it always seems to be regarded as the croak of doom.....but we have had some problems in the last two or three weeks. Maybe we are getting a bit more critical of the printing but it has not been easy and we have not been able to mail all of the bulletin on Saturday....some went on Sundays.
Eventually right and might and stubbornness will triumph. Each week we seem to get a bit closer. Certainly tomorrow will be a brighter day. Meanwhile, hold on....

Those who study the political ferment to note clues to possible future activity .....and don't forget that we first mentioned Transkei about two or more years back.....might be interested in some Iraq developments. A couple of months back it seems that Iraq gave the USSR air and naval bases in Iraq for four lillion worth of warplanes, warships, tanks and missles. Some commentators have looked at this as a move by the USSR to upstage Iran as the leading military power in the Persian Gulf. Iraq is regarded in some quarters as having replaced Syria as the Soviet's chief Arab ally.

It might be noted that Egypt expelled its Soviet advisors in 1972. The Syrian role in the Lebanese problem and the support of the right-wing Christians against the Palestinians and left-wing Leganese Moslem allies regarded as an embarassment. The deal with Iraq, reportedly signed last August, in an indicator of changes in the area.
Congressman Lionel Von Deerlin of the House Communications Subcommittee has indicated a desire to reurite the Communications Act of 1934. The ARRL is waiting to see what may happen when the new Congress convenes in January and will be ready to press for some changes considered as necessary for amateur radio.
The FCC continues to move on WARC-79 and the Third Notice of Inquiry should be released in the next month or so. The notice has to have its release coordinated with the Inderdepartmental Radio Advisory Committee of the OIT (which serves government users) and telease dates have tended to slip. Members of the Industry Advisory Committee have been given a draft of a proposed table of allocations for review and comment.W3OKN is in there as a member of the Industry Advisory Committee and Merle is also the International Conference and Frequency Management Consultant retained by the ARRU.
W1AW should have an improved signal soon. Construction is due to start on a 120' tower with stacked 4 -element yagis for twenty and a 3-element yagi for forty. They look for a 10 db improvement on forty and a bit less on twenty.
Looking ahead a bit, W9ABA will be rattling the ARRL DX Phone test in March from the Caymans where he will sign ZF1BR from February 28th. All bands including the possibility of 160 meters.

In Thailand, the shutting down of amateur operations has included the request that outside antennas be taken dowh. Appacently the quiet period did not come from the Thai government tut rather from RAST, the national radio group there, which was taking some precautionary steps. Some renewed activity is expected in the future though this may be limited in the number of HS stations on the air. At this time the situation does not seem to be hopeless.


ERIK SJOLJND Erik did manage but the three days noted in a previous bulletin. A week or so back he was close to Baghdad and Iraq........abaut seven miles straight up....and on his way home to Sweden. Erik writes.......

I finally recovered after the typus disease and left Bangkok on October 15th. After short stops in Laos and Vietnam...it may be some time before those countries are on the air again.

I arrived in Dacca, Bangladesh on October 20th. I had cleared up the formalities in advance and could come on the air the same day at 1200 Z . I had to split my time between duties and ham-radio so I could not spend too many hours on the air.
I went QRT on October 23rd at 1615Z. I worked some 600 QSOs, mostly JAs and there were but 80 stateside contacts. I was on 7 and 14 mhz and my call was SM $\phi$ AGD/S2. I would hope that this was a new country for a few. QSLs go to SM3CXS.

From Dacca I went to Katmandu, Nepal. I was invited to 9N1MM for lunch. Father Moran is a charming person and it was a great deal of pleasure for me to meet him. He has many interesting stories to tell from his many years with ham radio.

Now I am on my way back to Sweden but already in late November or December I might show up from some semi-rare spots in West Africa. I will keep you posted......

> 73, Erik/SMфAGD
p.s. ..just now flying over YI-land. Wonder if a .... /am could count.....!!

VQ,HHCS Harry finally got off Astove Atoll on the DX weekend and mrs due in Mombasi on November 5th. He will go first to Kenya and then to 3D6. He expects to be there in mid-November and on the air early in December. Harry was supposed to leave Astove but the ship came by during night hours and would not stop. One of those that tried to come in at night spent a couple of months attached to a reef. Leave in mid-October, that is...

[^0]
## REPORTS FROM RED EYED LOUIE <br> You might have heard me anywhere, Name a band, I was there..........

LOW BAND LOUIE

DJØhY 1827/2255/Oct 26kv EI8H 1827/2240/Oct.25e FGDIMM/FS7 1811/0320 24m. G3YUV 1826/2235/0ct 25 e HB9RM 1826/0215/Oct 25 e HB9ZE 1829/0050/Oct 26kv HB9EP 1829/0100/Oct 26kv
WATZLC/CT1 3802/0320 25e DAL2LJ 3787/0250/0ct $25 e$ EARTA 3505/2345/0ct 25m EA8CR 3787/0630/0ct 29w FC9VN $3513 / 2255 / 0 c t 30 e$ F3NB 3515/0510/0ct 27m FP8DX 3798/0040/0ct 26m FGØCXV/FS7 3818/0350 28e G3TTL 3797/0210/Oct 28e G4FDL 3797/0210/0ct 28e G3TJW 3785/0615/0ct 28w GWLBVN 3787/0710/0ct 28w
CT1DY 7042/0900/0ct 19m CT2BS 7085/0745/Oct 28m CN8AD 7009/0725/Oct 28m D6AB 7004/1100/Oct 31e EA6BF 7007/0130/0ct 23e EA9EO 7011/0115/Oct 24 m DL1PM 7008/1455/0ct 31w DU6RH 7006/1435/0ct 31w EP2SV 7003/0150/Oct 29e FC2ACA 7000/1950/Oct 25e FGФNM/FS7 7001/1110 25e FG7AS 7001/0530/0ct 28w F08EX 7072/0800/0ct 28m GM5APC 7004/1135/0ct 31e HBXHBA 7002/2230/0ct 25m

KH6CHC 1997/1110/Oct 23 m KLTGKY 1810/0510/0ct 23m PAdFiIP 1827/2230/Oct $25 e$ VE2AQS/TG9 1808/0210 21e VP1MPW 1804/0215/Oct 21e VP2GMB 1804/0240/0ct 25 e DJ $\varnothing$ UP/VP2S 1807/0235 25e
JW9WT 3794/2330/Oct $23 e$ K6QHC/KG6 $3803 / 1250 \quad 25 \mathrm{~m}$ KPLERAJ 3795/0525/0ct 27w KPLCQC 3502/0010/Oct 26m KVLFC 3809/1010/0ct 29e LU2DC/KV4 3815/0415/25w ON4ITJ 3799/0400/0ct 28 e ONLUN 3798/0630/Oct 25w SVØWZ 3594/0430/Oct 25 e TI2VAN 3792/1630/Oct 28 e VR2GBU 3815/0340/0ct 28 e VP2KN 3801/0240/0ct $25 e$ W6KG/AJ3 7011/1000 27e HI3PC 7042/0810/Oct 19m HM2JN $7003 / 1400 /$ oct 28 w JD1ABZ 7030/1420/0ct 17w JHTKSB/JD1 $7015 / 0840$ 27w JW2CF 7004/0205/Oct 31w JW7FD 7027/0015/0ct 27e OE6BVG 7004/0720/0ct 28m ONLIN 7080/0745/0ct 28m PYめZAE 7001/2110/0ct 280 z UB5IDW 7021/2310/0ct 25 e UK2BBB 7008/2225/0ct 26e UK5MAF 7003/1410/Nov 2w SP8KT 7001/2305/0ct 25 e SVTDO 7001/2100/Oct 27oz

VP5I2 1805/0200/0ct $23 e$ WLEVV/VP9 1803/0505 20m VP9BO 1806/0330/Oct 19m VR3AR 1804/1000/Oct 23e VS6D0 1823/1335/0ct 26w 9Y4NP. 1810/2220/Oct 27 kv

VP5CW 3525/0055/0ct 28e VP2DM 3804/0105/0ct 26e VP5GT 3777/0140/0ct 27e VP5AH 3804/0200/0ct 28e VP5BIL 3804/0220/Oct 28e VP5AA 3815/0110/0ct 29m VS6DO 3808/1350/Oct 26w WA6EELL/VQ9 3799/0025 25 e YS1MAE 3802/0735/0ct 17w ZF1WW 3804/0415/0ct 28 e ZL2BJF 3808/1110/0ct 25e 9Y4SF 3802/0255/0ct 25 e VK7ZZ 7027/1030/0ct 27e VP2GMB 7026/0145/Oct 23e DJøUP/VP2S 7007/0650 23e VP2VDH 7006/0350/0ct 29e VK5BC 7085/0745/0ct 28m IBめGF 7028/1450/0ct 20w YU2CTTF 7007/1430/Nov 2w ZCLAK 7001/2000/Oct 25 e ZS6RM 7005/0430/Nov 1w ZS6ME 7006/0345/0ct 24 e ZS60S 7006/0345/0et 30e 5T5CJ 7051/0750/0ct 28m 6W8DY 7071/0740/0ct 28m 6W8EX 7003/0145/Oct 31w 9J2WR 7004/0515/0ct 28w

## AFRICA CW

CN8AD 21015/1900/Oct 26e D2AAI 21012/1845/Oct 24w EA8LK 21015/1550/Oct 29e FB8XO 14032/1245/Oct 26e FR7BE 14073/1640/Oct 29m ZD8ITM 21046/1850/Oct 27m ZD8TM 14058/2015/Oct 25 e

| ZELJS | $21035 / 1840 /$ ct 27 m |
| :--- | :--- |
| ZS1XR | $14037 / 2130 /$ ct 23 e |
| ZS8JW | $14076 / 1905 / 0$ ct 22 e |
| ZS5WT | $14026 / 2100 / 0$ ct 22 e |
| 5V7AR | $14017 / 1935 / 0$ ct 31 e |
| 5Z4WW | $11014 / 1900 / 0$ ct 22 e |
| 6WRTW | $14054 / 1850 /$ ct 22e |

805ED
9L1CD
9L1CD
9L1BH
925SW
985SW

21035/1835/0ct 31w 21010/1920/Oct 31w 14009/2235/Nov 1w 14029/1155/Oct 23e 21033/1835/Oct 27m 28035/1250/Oct 240 z

EUROPE CW
EA2ID $14034 / 1640 / \mathrm{N} \mathrm{V}$ 1w EA4CR 14040/1750/Oct 25 w EA7TL 21035/1800/Oct $23 e$ EI9J 14025/1715/Nov 1w GG2LJ 14018/1650/0ct 24 m GDLAM 21031/1420/Oct 26e GI30LJ 14013/1800/0ct 29w GM3HEG 14038/1630/Avov 1w GMLGK 14018/1710/Oct 29w GW3KSQ 14011/1800/Oct 29w HA2KRZ 14036/1735/0ct 26w HATKLG 14007/1800/0ct 27 w HA8UA 14040/1830/Oct 25w HB NLL $^{2} \quad 21026 / 1300 /$ ct 24 e ISøORJ 21047/1430/Oct 30e JW2CF $14004 / 1845 / 0$ ct 24 w JY9CR 14013/1605/Oct 27w LZ2NE 14007/1715/0ct 26w

LZ2KML $14008 / 1805 /$ oct 27 w LZ2FE 14037/1645/Oct 24w LZ1KAA 14042/1530/0ct 26w OE3NBB 14040/1540/0ct 26w 0H1NM 14022/1500/Oct 26m
OH3XX 14030/1715/Oct 25e OK1JNA 14035/1725/Oct 24w OK1HBE 14012/1715/Oct 29w OH5XO 14042/1540/0ct 26w ONGMR 14017/1615/Oct 26w ON6ME 14002/1800/0ct 28 w 0Z2VY 21024/1505/0ct 30m OZ2RH 14025/1545/Nov 3w OZ3LF 14027/1640/Oct 26w OZLKKT 14049/1640/0ct 25w SP2AX 14037/1640/0ct 24 w SP5GX 14009/1610/Oct 28w SPLGT 14013/1640/Nov 1w

TF3AW 21055/1425/0ct 30e UA2AG $14050 / 1215 / 0$ ct 28 e UA2DP 14006/1635/Anv 1w UA3LM 14030/1150/0ct $27 e$ UC2WAN 14030/1230/0ct 28 e UBSUBU 14009/1710/0ct 26w UK2GAT 14034/1840/0ct $24 e$ UK5JAZ 14032/1630/Oct 29w UK3DAH 14026/1320/Oct $29 e$ UALHCR 14029/1230/Oct 25 e UK1PAA $14033 / 1200 /$ ct 24 e UK2PAF 14026/1820/Oct 24 e UQ2PT 14042/1255/0ct 29e UT5IB 14042/1515/0ct 26w YO7DL $14010 / 1635 / 0$ ct 29 w 3A2CX 21043/1710/Oct 24 m 9H1CH 21025/1705/Oct 29w 9H1R 21050/1400/Oct 30e

ELSEWHERES CW

C02VB 14012/2205/Nотi 1w DU6RH 14028/1335/Oct 29oz FGめCX 14008/2300/Nov 1w FGDNM/FS7 21008/1320 240Z FGTAM 21056/1425/0ct 30e FGTXA 21038/1915/Oct 27m FG $\varnothing$ CXV/FS7 14028/1225/27e FG $\varnothing$ CXV/FS7 21027/2245 27e FY7AS 14019/2210/Oct 26w FryTE 14053/0315/Nov 1e FNTAU 14001/2215/Nov 1w HI3PC 21018/1900/Oct $25 e$ HI8MOG 14002/2140/Oct 22 e

PY $\varnothing$ ZAE 14029/2325/0ften OALM 14305/0035/Nov 1m VP2CAB 21029/2145/Oct 26e DJØUP/VP2S 14027/2150 26e DJØUP/VP2S 21031/1540/29w VP2VDF 14028/1130/Nov 1e VP5CW 14034/2125/Oct 23e VP5IZ 14033/2210/Oct 23e VP5X 14035/0310/Oct 28e VP5A 21030/1900/Oct $25 e$ VP5T 14024/1525/Oct 29w VP5AH 21012/1545/0ct 290z VP9IN $14063 / 1845 /$ Oct $22 e$

VP9AL 14076/1905/0ct 22e VP9AH 14026/1200/Oct 29e YB1WF 14007/1440/Oct 30e ZP5AO 14031/2220/Oct 27e LK1A 14025/0330/Nov 1e 6Y5BF 14022/1330/0ct 26e 8P6BX 14020/2205/Oct 27e 8P6HD 14027/0855/Oct 26m 8P6EU 14016/2033/Oct 26w 9M8HG 14005/1420/Oct 30e 9Z4ZP 21024/1545/0ct 29oz

ELSETWHERES SSB

CE9BSA 14202/0120/0ct 25w CEDAE 14215/0230/Oct 29m DU1XKE 14225/0010/0ct 24w DU7DP 14225/2330/Oct $27 e$ FGØCXV/FS7 21390/2050 25e FG $\varnothing$ CXV/FS7 28545/1855 27e FGØNMI/FS7 21320/1530 26m F08DB 14203/0220/Oct 27w F08DP 14203/0215/Oct 27w FY7ZS 14219/0130/0ct 25 kp FY ZZS 14227/0100/Oct 24 kh HP1HN 14201/1205/Oct 27e

WB4ZKG/KC6 14225/2335 29m KLI7BVY 21304/2235/Oct $25 e$ KV4AD 14236/1155/0ct 25 e PJ9CG 14202/2235/Oct 28m PY $\varnothing$ ZAR 21288/2130/Oct 28e PY $\varnothing$ ZAE 28594/1945/0ct $27 e$ TG5NW 21265/1500/0ct 28 e TI2TNT 21378/1725/Oct 28e VK9RH 14209/0320/Oct 28m TKøID 14214/1225/0ct $25 e$ VP1JJ 21395/1930/Oct 29m

VP5A $21254 / 1700 /$ ct $27 e$ VP5B 14194/1210/Oct 28e VP5B 21302/1735/Oct 26w VP8MS 14210/2300/May 25 e VP8HA 14210/2235/Oct 25 m VR3AR 21292/2325/Oct 25w VS5MG 14225/2215/0ct 26w YB2SV 21337/0015/0ct 26w ZP5YD 14210/2300/0ct 25 e ZP5CDP 14210/2300/0ct $25 e$ ZF1RE 14204/0000/0ct 29m
(e = eastern states $m=$ middle states $w=$ western reaches $k h=$ hawaii $k p=$ puerto) (rico kv = virgin islands $\mathrm{oz}=$ denmark all times in gmt \# = long path
(?? = Slim......the phoney. Often heard....always exotic.......completely false

MORE RED EYED LOUIE
AFRICA SSB

A2CAB 21309/1720/Oct 27e CT3AF 21287/1540/Nov 1e D2AFW $28583 / 1605 /$ Oct 30 e EA8JJ 21265/1400/Oct 27m EL2R 21305/1735/Oct 24kp
 FL8KP 14203/2050/Oct 27e TUZGS $21265 / 2000 /$ ct 25 m VQ9P 21386/1815/Oct 27e VQ9BP 21256/1740/Oct 24 m XT2AG 21291/1710/Oct $23 e$

ZD7SD 14211/2100/Oct 29m ZE1JQ 21271/1750/Oct 25m ZE1ED 21286/1745/Oct 29m ZELJO 21290/1535/Nンv 1e ZS1MH 21290/1650/Oct 25 e ZS1IM 21272/1900/Oct 28m ZSLPB 28596/1605/Oct 27m ZS6QB 21262/1850/Oct 28m ZS5ZD 28592/1735/Oct 27e 3B8DS 21301/1550/Nov 1e 5N5NAS 21270/1815/Oct $22 e$

5T5CJ 28546/1900/0ct 27m 5Z4NH 21312/1805/Oct 24 m 6W8FP 14223/2225/Oct 27m 6W8AAD 28595/1600/Oct 27 m 7X2EPM 14226/2200/Oct 24 e 7X2EPM 21292/1540/Nov 1e 805ED 21308/1925/Oct $27 e$ 805AB 21308/1925/0ct 27e 9G1GB 14202/2130/Oct 22e 9G1KP 14212/2200/Oct 23 m 9J12WR 21348/1735/Oct 25m

AP2TN 14039/1300/Oct 25 e A9XS 21045d1235/Oct 29oz EPR2SV 14029/1540/Oct 24 m HI9TS 14026/2200/Often HM2JNX 14030/0115/Oct 26w JH1KSB/JD1 21040/2230 27e JY9CR 14032/1710/Oct 29w UA9CF $14028 / 1210 /$ oct $25 e$ UAбKAS 14013/1235/Oct 25 e

UD6DLA 14018/1155/Oct 29e UAфQWK 14028/0330/Oct 27 e UF6FAV 14044/1600/Oct 28 e UJ8JCA 14024/1240/Oct 23 e UK9CAN 14030/1225/Oct 28 e UK9CCI 14031/1235/Oct 25 e UKбQAL 14028/0040/Oct 25 e UK $\phi$ CAS 14034/0045/0ct 25e ULTPBY 14046/1150/Oct 26 e

ULTQF 14045/1245/0ct 28 e ULTEAR 14015/1320/Oct 30m VU2BK 14030/1350/Oct 26e VU2QQ 14027/1400/Mnv 1e VU2BK 14030/1350/Oct 26 e VU2TS 14026/1620/Oct 24 m ZC4IO 21027/1340/Oct 30 e 4KLHQ 21020/1715/Oct 25 e 9K2DR 21004/1135/Oct $240 z$

ASIA SSB
AP2KS $14216 / 1215 /$ ct 29 e CR9AJ 14245/0010/Oct 24 m HMøS 14225/2235/Oct 26w HM4GF 14205/2300/Oct 23 m HM5FG 14226/2220/Oct 26e H9TJ 14255/2245/Oct 27m KA6YL ; 14216/2200/Oct 25m EUROPE SSB
CT1AMG 21285/1750/Oct 28 e CT2AK 21296/1555/Nov 1e CT2BS 21294/1755/Oct 23kp WA7ZLC/CT1 $21315 / 194524 \mathrm{~m}$ FC9UC 14202/1600/Oct 26m EITCS 21331/1335/Oct 28e GC2RS 14202/1945/Oct 27m GWLESL $14285 / 1615 /$ oct 27 m GWLLDWN 14210/1620/Oct 25m ISølVVE 21292/1530/Oct 25 e IT9DTC $14212 / 1945 / 0$ ct 28 m IT9WFE 21284/1340/Oct 28e IT9KZW 21283/1345/0ct 28e JW9WT 14209/2040/0ct 29e JWTFD 14215/2300/Oct 28e

JY9CR 21301/1625/Oct 25m णАФКАН 14203/0030/Oct 26w UAфKBBA 14237/0215/Oct 23m UK $\varnothing$ SAJ 14214/0415/Oct 24 kh UKøSAR 14212/0030/0ct 24 m UM8FM 14215/0325/Oct 29m UK9CAE 14217/1230/Oct 26 e

4X4HQ 14217/1230/Oct 26e LXUAT $21305 / 1555 /$ ct 25 e VS6MK 14223/1340/Oct 25m 4Z4GH 21314/1510/Oct 24 e 9K2DJ 14205/1615/Oct 28m 9N1MM 14210/1245/Oct 24 m 9V10I 14211/0000/Oct 26m

LX1BR 21268/1415/Oct 28 m DA1UM/LX $14233 / 1245 / \mathrm{Nv} 1 e$ IX1DM 14211/1315/Oct 25m LZ2VO 14232/1325/Oct $27 e$ M1B 21310/1505/0ct 25m OK2BKR 21286/1350/Oct 25 e OK2BPU 14209/1200/Oct 25 e ON6II 14218/1815/Oct 23kh ON6PU 14205/1740/Oct 26w ON6MT 21309/1240/Oct 25e ON6VO 14275/1200/Oct 25 e 0Y5J 14234/1930/Oct 28m 0Z8YP 14225/1725/Oct 26w PA SV1KB 21359/1420/Oct 25 e

SVøWZ 21312/1325/Oct 28e TF3CB 21300/2120/Oct 27e UB5UAT 14219/1700/Oct 26m UK2PAA $14215 / 1220 /$ ct 26 e UK5MAA 21286/1450/Oct 24 e UK5QAV 14205/1240/Oct 25e UK2FAD 14207/1330/Oct 26 e UK3XBG $14212 / 1545 /$ ct 27 w UK2BAS 14212/1630/Oct 26 m UR2RGIN 14201/1230/Oct $26 e$ U05DN 14205/1240/Oct 26e UP20M 14208/1615/Oct 27w UR1QI 14214/1430/0ct 28w UR2QD 14208/1530/0ct 27 w 9H1BT 21250/1625/Oct 27m

## CALMNAAR

## TRINDADE

GUADELOUTE
NORKFOLK
ROCAS ATOLL
MARSHALLS
OK DX CONTEST
EUROPEAN RTYTY
Austrian 160mtr TEST
WESTERN SAMOA
WW DX TEEST
ARRL 160 mtr TEST
HUNGARIAN TEST
GPANISH TEST
MLANS: WW DX TMiST. . . . November 27/28th
$2 D 8$-Ascension Island by $\mathrm{KP} \mathrm{L}_{\mathrm{s}}$ and friends
GOL-Guernsey by the Channel Canterst Company
9 44 -Trinidad by the Order of Boiled Owlis
5W1-Western Samoa by North California Contest group
EP2-Iran by Teheran amateurs plennint full coritesi, opralion
IThe reports indicate that conditions were mod atitimes in the recent ssib ux Test weekend. Next week we should have the long-range look at, what condibionis will be for the CW Test at the end of this month.
We are still looking for more listings. We got a couple ton late to liat ind Hebeet that LUOBR will be in this coming contegt alone with wome other or Wh. cotunties on the $\mathrm{V} / \mathrm{S}$ path......dentral and Souther Ancric:i.
Check the bands. Ten meters surprised a good many in the SSB test. 11. wifht do more in the CW Test. On the other hand, it might do less. Cherk :riyhow.....

ARRI The League continues with its program to publicize the merits of amateur radio and a couple of new items were recently released.

A $5^{\prime \prime} \times 10^{\prime \prime}$ placard identifying an Amateur Radio activity is now available from Newington. Black on a yellow card, it is intended for to identify public service activies, hobby show exhibits or any place where amateurs should be recognized. Send an envelape that must be larger than $5 \times 12^{\prime \prime}$ with $24 \%$ postage affixed and you will be ready to be recognized.

FCC has advised that $1 X 1$ callsigns will not be issued to individuals, only to special event stations. With the New Outgoing ARRL QSL Bureau in operation, the December QST will not have the usual list of overseas QSL bureaus.

TNX to W1AM, W1DAL, W1MV, WA1POJ, K1TZQ, W2AG, K2BT, W2FP, WB2LOF, W3KT, W4BAA, K4DJC, WBLEDD, WLGTS, WLHU, WLKKA, WLKNN, WB4OXD, WLUF, WLUNF, KLYFQ, K5OVC, K5TSQ, W5USM, K6DT, K6EC, W6PT, WB6IXC, WA6MWG, W6TSQ, W6VD, W6VQD, K6VY, K7ABV, W7BCT, WA7HRE, K7NHG, WA7OBH, K8IP, W80A, WB80NA, W9ABA, W9DDL, W9KNI, K9UIY, K9UTN, WøSFU, HS1ALC, KH6BZF, KP4?, KVLFZ, EP2VD, JA1JIX, OX6XT, OK3BG, SMøAGD, W6SP, K6HTM, W6RGG.

WEST COAST DX BULLETIN Published every week by the Marin Co $n$ ty DX Group. The weather has held on to summer and it has been unseasonably warm. Last week one of the local QRPers was up the hill to discuss things. "When do you think it will start to really rain?" he asked. "What do the weather charts show?". We ran through the Krick reports out of Palm Springs, noted the high cirfus lacing across the skies and checked a couple of newly-arrived robins splashing in the bird bath. "Looks like winter is close", we advised, "what's the problem?". The QRPer beamed. "Just getting ready to take my vacation," he advised. "I just wanted to make sure that the rains would be with us." We had to think this over for there are strange, dark and yet to be explained things still with us and we thought of the full moon we had seen the previous evening over the eastern hills. So we had to do more asking. The QRPer was surprised at our questions. "I thought that you'd know", he said, "any DXer taking his vacation in the time of good weather will usually find an XYL with a list of outside projects like gardening or painting the house or something like that. But you can hardly be expected to paint or garden when it's raining. Right?". We had to admit that a life of ease had tended to dull the keen senses that DXers must have and it is always far better to be indoors working DX than outdoors pulling weeds. For all DXers are Deserving and most a bit more canny than you might suspect. And one can sharpen the quick wits of the erudite DXer for $\$ 11.00$ a year which will bring by second-class mail a few of the guides to better living. $\$ 14.50 \mathrm{flips}$ and flops it at you by first-class mail to the U.S/VE areas. $\$ 17.00$ roars it down the moonpath to the far DX lands, beyond the night and across the days, to where all the DXers

West Coast DX Bulletin<br>77 Coleman Drive<br>San Rafael, Calif. 94901

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