# WIIEAT COANT过 BHLLYTM 

GLIPPERTON This one is definitely on the rails with a down-hill run and it will be leas than month before you axe hearing what DXers have waited almost two decades to hear. Clipperton!!

Charles Signer, WA9INK/6, who is handling the stateside details, passes along more information on the multitude of callsigns. Bealizing that there conld be problems with all the callsigns, a decision has been made to restrict the callsigna to a single band.... and in some cases 党 single frequency.

| CW. | FOOXF FOOXX FOOXX | $\begin{aligned} & 28005 \mathrm{kc} \\ & 21005 \mathrm{kc} \\ & 14005 \mathrm{kc} \end{aligned}$ | FOOXD FOdXA | $\begin{aligned} & 7005 \mathrm{kc} \\ & 3505 \mathrm{kc} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
| SSB... | FOOXG <br> FO $6 \times B$ <br> FO $\quad$ XH | $\begin{aligned} & 28505 \mathrm{kc} \\ & 21245 \mathrm{kc} \end{aligned}$ $14105 \mathrm{kc}$ | $\begin{aligned} & \mathrm{FO}(X \mathrm{XD} \\ & \mathrm{FO} \neq \mathrm{XA} \end{aligned}$ | $\begin{aligned} & 7085 \mathrm{kc} \\ & 3765 \mathrm{kc} \end{aligned}$ |

All the operations will be split frequency. They will be out to work the maximum number of stations and are asking in advance that multitude of QSOs by a single station be avoided. In other words, they want to work you just once on any band and mode.
The schedule for arrival here in the states is unchanged. Some will be in the New York axea on about March 9 th and the Long Island DX Assn is ammanging a get-together for them. They will be in the Los Angeles area about the 12 th and departure is still set for March 14th. That is just two weeks from the date of this bulletin.

Some have asked why not a fishing boat for transportation, the idea apparently being that transportation costs could be trimmed. The permission to land that was issued by the French govemment carried the stipulation that the vessel would remain in the vicinity of Clipperton at all times. Thus ruled out any chance of utilizing that form of transportation and the group going is working at: all times to comply with the conditions under which the permit was issued.
At this time except for the French and Swiss operators, a full list of participants is not available. However, this will come along in tum.
Funds are continuing to come in as the Clipperton effort gets more solid. Charles Signex, WA9INK/6, advises that there is still a way to gor and would feel a bit more comfortable if the costs could be matched by financial support at an early date. Some additional contributors are expected to be announced shortly as clubs and other organizations mowe to ensure that the 1978 Clipperton effort gets their support.
Contributions can be sent to the Clipperton Fund which is being handled by Charlès Sigrer, WA9INK/6, at 2120 28th Street, Sacramento, Calif. 95818. All the help is appreciated.

SUNSPOT LOULE The size of the active areas is an step upwards and if you check a bulletin of a year os so becen you win easily note the difference.
No. 1015 flared on the day prior to this obsexyestion this coming at 1606 Z on February20th. No $1001 \mathrm{~F}(1015)(10$ 11) flared on February 17 th as
times in the days previous.

Things are definitely improving. In fact they are so good we are going to tell you bow they figure the sunspot count. And this is not necessarily the number of spots visible on the suny des disc.
A daily count is obtained by first counting the number of active regions. Naltiply the number of active regions by ten and then add the numbor $\times 3$
of sunspots observed. Then the total is multiplied by a number which 'calibrates' the observation against the observations made by observatories, the calibration number taking into account the type of telescope, the observer N26 ${ }^{\circ}$ and other relevant factors.
Actually, it comes out rather simple. You get the daily sun spot count by using the following formula:

$$
\text { Daily Count }=C(£+10 g)
$$

$$
\begin{array}{ll}
\mathrm{N} 21^{\circ} & \begin{array}{l}
1011 \\
\mathrm{E} 45^{\circ} \\
\\
\\
\mathrm{S}^{\circ}
\end{array} \\
\mathrm{E} 22^{\circ} \\
\mathrm{E} 75^{\circ} \\
\mathrm{N} 38^{\circ} & \mathrm{E} 78^{\circ}
\end{array}
$$

$$
\begin{aligned}
& 12 \text { poots } \\
& 10 \text { spots } \\
& 70 \text { millionths } \\
& 9 \text { spoth } \\
& 200 \text { millipnths } \\
& 15 \text { spots } \\
& 160 \text { millionths } \\
& 1 \text { spot } \\
& 170 \text { millionths } \\
& 2 \text { spots } \\
& 130 \text { millionths }
\end{aligned}
$$

Where $C$ is the calibration or comection factor.
$f$ is the number of spots observed
$g$ is the number of active groups.
One spot would give you a daily sunspot count of 11. Take a quick calculation of the above.... 6 areas, you might come up with a daily count of about 104 before the calibration factor is applied, to the February 21st chart.

We ran this once before back in 1976. Some at that time thought it complicated. Now they are saying: "How Simple!". We advance.....
But enough of the esoteric stuff, lets get the count and the conditions expected for the coming weeks. And there on the South Bank of the Potomac, battered by storm after storm sweeping down from the BIue Ridge and Applachians, Ted says it will be....

| February 28th | High Normal | March 6th | High Normal |
| :---: | :--- | ---: | ---: |
| March lst | High Normal | 7 th | High Normal |
| 2nd | High Normal | 8 th | Above Normal |
| 3rd | High.. Iow (Variable) | 9 th | Above Normal |
| 4th | High.. Low (Variable) | 10 th | Above Normal |
| 5th | High..ILow (Variable) | 11 th | Above Normal |

And with things moving in the right direction, we squeeze in the report from K6EC and Ev comes up with the figures for the Solar Flux getting high and staying high. Ev ssys the word from WWV was:


IRAS There are frequent reporta of NW-operstors going to II-Izag. There axe possibilities of some activity coming mometime during March. sctuelly, there is considerable information but beoeuse those close to the scene are afraid that the delicate negotiations mey be upset if there is too mach commotion, the details are being put off to a later time. Somewhervalopg the line yous will get the full story.
Meanwhile, watch for the later part of March as the best possible time...at least that's what we think. There will be a meeting of the Youth Cluka along about this time and this would seem to be a propitious time for: a new activity within Irag to corae on line.
The feeling here is that something is coming. Remember how last fall just before Christmas Erik, SMøAGD, demonstrated Amateur Radio in Baghdad, they observing while he made a haridful of contacts and then had him stop when they had seen what they wanted: This apparently was part of a long range study and the signs for more YI activity are good.
At this point be a Believer. Something is cooking in the YI-pot and you rasy hear another extremely rare one before the end of March. Things like that do happen if you wait long enough.
CLIPPERTON LONCBEON The get-to-gether in Southern Califormia with the Clipperton crew prior to their departure will be open to any interested DX types. John Bacich, W6ATN, is handling the arrangements and the reservations.
You can reach John by phone at(213)3392080.
The luncheon will be on March 12th and will be at the "SS Princess Louise" in the Terminal Island area.
All those wishing to meet the full....or just about....Clipperton Group should mark this "date. W6RTN would like to be notified if you plan to attend so he can make the necessary arrangements.
NAVASSA This is long-range advice but a group is already aiming for a Navassa operation early in the Fall of this year.
The operation is still having the planning hammered out but are definite in the intention to put this one on the air again. Coordinating the group is Randy Rowe, NøTG. Others in on the planning include WøZH, NøWL, WB $\phi$ SRL, K2KA, W60IG and W2PAW.
More information will be coming on this one in the coming months.
CARTBREAN There has been no recent advice on this one. There has been speculation ...in fact positive identification that it is 'Mona' island. It is not!
The last hang-up was final approval out of Newington after the DXAC had put its imprimatur on. Under the original schedule you should have heard this one some weeks back. Those in on the operation have asked that the island not be directiy identified until the operation is moving. This because the closeness of the island to Puerto Rico makes some early-bird attempts a very easy thing to do. Inasmuch as one of the operators also controls access to the island, this may not be exactly an easy thing should some decide to jump the gun.

SINT MAARTMN PJ8C0 will be on during the first half of Msrch, Chuck O Rourke planning to operate the station, along with a good handful of friends, durines the period March lst to 14 th.
Coming to Sint Maerten for the second gowround in the ARRL Phone DX Test will be W1UA, K2TR and K2WR, During the contest Fred Lass, K2TR, will be gunning for a big score on ten meters.
PJ8C0 is held by Chuck O'Rourle, W1CO, who says that all bands and modes will be tried during the first two weeks in March. QSLs go to W8AHB, Jauls Capps, 6158 Wilson Mills Road, Cleveland, Ohio 44143.
Those callsigns listed above represent....W1UA is Jon Neary, K2WR is Rich Gelber. W1C0 and K2TR are named somewhere along the line....
CAROIINES KlII will be operating from one of the Carolines until this Friday. Bill was due to shut dowr March 2nd.
ITALIAN DX NWWS Rudy Pontrandolfo, ITRNH, has been tumnine out the ITALIAN DX NEWS on a weekly basis, all this starting back in December. The issue of February 3ra was No. 8.

The format is very close the that of Geoff Watts DX News Sheet. Apparently the bulletiri is initially prepared in Italian and translated into Faglish by I7DPO. Bulletin No. 8 was the first attempt to do this.
If you are interested in the subscription rates....they are $\$ 15.00$ (US) for Europe and the Mediterranean area. \$18.00 (US) for Africa and \$20.00 (US) for Asia and the Americas and Oceania. Thenaddress for I7RNH is...Stradella Petera, 4 70125 Baxi, ITALY.
WALVIS BAY The soming operation over the coming week is set o open next Monday, March 6th. However, do not be surprised to hear them in the latter part of the Phone DX Test. The operating information for 2 S 3 W BC has been given as:

March 6th to 10 th March 10-12th
$0400 Z$ to $1400 Z . .$. various frequencies SSB. . . 1400-2200Z on ten/fifteen/twenty CW on forty/eighty...their morning hours

KARL GAMPPR' Mail addressed to Karl at his Nova Scotia address is being returned marked "Deceased". Probably better known for his long operations from Yellowknife in the Yukon as VE8RA, his recent callsign had been VE1VO. Karl passed away in early February, he having some heart problems since last year. On the recent Kingman effort, Karl was to be one of the operators but his health did not allow the trip. He worked DXCC from a number of spots over the years.

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COCOS-KFBLING J.B Smith, P29JS, is getting some definite planning with his VK9Y-Cocos-Keeling operations. The period will be in the June or July period. One hitch is that he has been asked to consider going on the Mellish Reef trip set for July.
At this point the Cocos-Keeling effort is looking good and no problems are anticipated. Like a lot of other needed DX, this one seems to be definitely coming for 1978.
3Y6A LAAAD says this you can scratch this one......it was South Atlantic Slim. Hal writes:

You can consider this one as a pirate. Policy of the Norwegian authorities is to replace the prefix 'LA' in the Nonwegian call with either JW, JX or $3 X$ when the operator works from Svalbard (Spitzbergen), Jan Mayen or the Antarctic and Bouvet respectively. Thus 3Y6A wovid have to be IAGA who....incidently.... is the present President of the Norwegian Radio Relay League.
Nomally non-Norwegian amateurs will wis ./tiA when working from Norway for, a short period and LAD for an extended periad. It can be presumed that a possible call for Bouvet would be.../3y accordingly.

73 de IALZAD
/s/ Hal Torgersen
There it is and rather definite. Don't let it discourage you, however. Work them first, worry later. And let's look at
YM1ZB This showed in mid-February and caused some skepticism. However it appears to be TA1ZB, Metin Kutlu and his QSLs come from Box 188, Istanbul, Turkey.
Also out with the special prefix was YM1MB who is TA1MB. His handle was given as Kadri and he said to QSL to Box 1167, Istanbul. QSLs from TA1ZB are coming back in about a month.
SHORTLY NOTED Last week we cleaned up a lot of receipts...almost a years accumulation going out with the first-class copies. As was feared, some took them for renewal notices. Shows what happens when you clean house. We will clean up the year's accumulation for the second-class copies soon so be prepared...read the fine print.
The DI-prefix will be used by 250 DM operators from February to the end of October, the special prefix is to mark the 25 th Anniversary of the DMM-Radioklub.
Al Fox, WALCWG, who will be remembered for his FH $\sigma$ FX operation of last fall is somewheres in the South Atlantic and being worked aboard his $44^{\prime}$ sloop as he heads north. The 4S7JD heard on twenty SSB goes to: John Lamar, Dept of State-Colombo, Washington, D.C. 20520.
W4BAA is another with a back-log of IRCs that he will part with for $30 \%$ each in batches of 10 or more....saise also required. PR7GM out of Brazil is being heard as a new prefix. Ham Robinson, W4ZR, reports that Mario Craan who is HH2MC was in Florida for the Orlando Hamvention but the station was put on the air in the ARRL CW Test by a visiting operator.
9X5AE who says to QSI to W1AW is drawing some caustic comments. Some even calling the operator 'Newington Slim!". Son of a Gun!!

Abide with me from morn till eve,
For without DX I cannot live.....

EUROPE CW
CIL BKK $14048 / 2255 / \mathrm{Feb} 140$ GDLBEG 14025/2045/Feb 15m GJ2LU 14003/1600/Feb 17w GJ 3Ex[L $14062 / 2035 / \mathrm{Feb} 15 \mathrm{~m}$ GW2DPD 21030/1915/Feb 29w

## EUROPE SSB

HA8KKZB 21293/1510/Feb 17m HB9FC $21322 / 1845 /$ Feb $19 e$ HV3SJ $21291 / 1630 / \mathrm{Feb} 18$ m UA6XQ $14205 / 1515 / \mathrm{Feb}$ 18w\# ELSEWHERES CW
C6ABA 21006/1635.Feb 13w CEDZZ 14033/0010/Feb 20w* KDWIE/DO2 14029/1300 14e FOBEX 21005/1630/Feb 13w ELSEWHERES SSB

DU1REX 14219/1535/Feb 19w DU1NEL 1422L/0025/Feb 17e DJ2MU $14248 / 1340 / \mathrm{Feb} 15 \mathrm{e}$ DU6सBB 14211/1600/Feb 16e DUTDP $14223 / 1620 / \mathrm{Feb} 19 \mathrm{w}$ FM EHK $\varnothing$ BKX $14205 / 1350 / \mathrm{Feb} 15 \mathrm{e}$ HP9LP $21255 / 1645 / \mathrm{Feb} 17 \mathrm{e}$ KGLKRP 14203/0110/Feb 15m KCLAAD 14252/0430/Feb 17e KG6SW $14224 / 2345 / \mathrm{Feb} 16 e$ PJ4TM 21281/2035/Feb 15 e PRTGM 14201/0415/Feb 16e

FASKJQ 21010/1445/Feb 11e IV3NCB 21038/1745/Feb 16m OH2BCG 21030/2020/Feb 20w OK1PR 21030/1445/Feb 11e ON6WS $21034 / 1850 / \mathrm{Feb} 20 \mathrm{w}$

SK2IV 21030/2030/Feb 20w
UAZAD 14048/2025/FED 15 UC2WBI 14067/1255/F*b 14 e YM1ZB $14060 / 2340 / \mathrm{Feb}$ 19m ZB2AV 14012/2300/Feb 11w

## 9AdAE 14001/1905/ Feb 17 m 9FIED $14025 / 2030 / \mathrm{Teb}$ t6e

UB5WCW 14265/0640/Feb 17e UK 3 DAR $21315 / 1430 / \mathrm{Feb} 11 \mathrm{e}$ 9H1DZ 14226/2345/Feb 16m 9H1FF $14216 / 0630 / \mathrm{Feb} 14 \mathrm{e}$

HC2AO 14028/0145/Feb 20w HKø申BKX 21029/0000/Feb 15m KG400 21030/0045/Feb 19m KG6\&JK 21033/2115/Feb 20m

TI2CC $14212 / 1525 /$ Feb 19 w VP2VEG $21355 / 1830 / \mathrm{Feb} 17 \mathrm{~m}$ VP2MF $14185 / 0045 / \mathrm{Feb} 14 \mathrm{e}$ VP2VCK 21370/1420/Feb 15 e VP8PP 14215/0100/Feb 21w VP8PI 14221/0115/Feb 18m VP8PC 14206/0130/Feb 21w VP8PU 14290/0155/Feb 14 e VP8QH 14233/0310/Feb 18m VP8ML $1 / 230 / 0200 / \mathrm{Feb}$ 12w VP8HO 14230/0200/Feb 12w VS5XV 14219/1640/ Feb 14 m YB1ABL $14224 / 1305 / \mathrm{Feb}$ 14e\#

KM6BI
KM6FC 14028/0315/Feb 17m
VPaSZ 14026/2145/Feb 13 VP9QE 14010/0130/Feb 14 e

VK2EO 14032/2135/Feb 14m\# XB1FX $14028 / 2335 / \mathrm{Feb}$ 19w ZD1DR 14048/0600/Feb 18w 8P6BU $14049 / 2040 / \mathrm{Feb} 15 \mathrm{~m}$

YBDAR 14216/1450/Feb $16 e$ YB7ACZ 14202/1555/Feb 19m YS1RVE $1420 \mathrm{~L} / 2355 / \mathrm{Feb} 1 \mathrm{Lm}$ YJ8PH $14265 / 0540 / \mathrm{Feb} 17 \mathrm{e}$ 2P5EF $21296 / 2230 / \mathrm{Feb} 14 e$ ZK1DR 14265/0620/Feb 17e ZK1AM 14219/0455/Feb 16e ZP5EF $21296 / 2230 /$ Feb $14 e$ 9M8HG $14225 / 2330 / \mathrm{Feb} 10 \mathrm{e}$

## LOW BAND LOUIE

CM2VG 3502/0505/Feb 14 e CM6PM 3506/0305/Feb 14 e CT1UE 3795/0700/Feb 17w EL2ET 3525/0525/Feb 14 e
A35IE 7012/0535/Feb 19e AP2MC 7020/0200/Often
AP2MT $7024 / 2025 / \mathrm{Feb} 3 \mathrm{ep}$ OX3AL 7024/2025/Feb 3ep TM4 VVG 7005/320/Feb 12e DLTGB 7025/0030/Feb 15m DLTWT 7005/0500/Feb 17w CTLKKR 7086/0840/Feb 12 m EASJN 7030/0015/Feb 14m EATAQL 7031/0110/Feb 15m

> F3NB 3514/0640/Feb 17w
> HH2MC 3802/0325/Feb 15e HS1WR $3790 / 1425 / \mathrm{Feb} 17 \mathrm{w}$ JA1ELY 3798/1500/Feb 17w
> G3LWI 7031/0045/Feb 15m GW3AX 7091/0805/Feb 12m GDL BE G $7025 / 2230 / \mathrm{Feb} 15 \mathrm{~m}$ F6CNI 7026/0005/Feb 15m HA9KOB 7080/0410/Feb 11m HBgZYQ 7007/0415/Feb 17w ITEUA $7035 / 2345 / \mathrm{Feb} 1 \mathrm{Lm}$ KM6BI 7030/0845/Feb 14m LUTKAT/A78 7029/0145 14m LZ1KCZ 7028/0115/Feb 1 Lm

KM6BI 3808/1110/Feb 20e VP2DD $3504 / 0240 / \mathrm{Feb} 14 \mathrm{e}$ VP2MUZ 3511/0550/Feb 9m गH8BaF 3520/2030/Feb 3ep
LZ 1 KOZ 7032/0215/ Feb 14 m Т42C/KM 7025/0615 12m OK1KZ 7017/0335/Feb 12e OK1AWQ 7033/2320/Feb 14m SM5VB 7029/0000/Feb 14m SP7CVW 7026/0105/Feb 14 m UF6FAL 7025/2055/Feb 3ep UK5ZBB 7007/0545/Teb 12e VK 3BDG $7027 / 1315 / \mathrm{Feb} 15 \mathrm{~m}$ YO1BCD 7004/0530/Feb 17w

UD6DLA 3520/2135/Feb 3ep XE1FH 3818/0710/Feb 14w ZF1GC $3820 / 0000 / \mathrm{Feb} 15 e^{-}$ ZLLOY $3806 / 1040 / \mathrm{Feb} 20 \mathrm{e}$. YU2CTF 7035/0050/Feb 1 Lm YTVEGQ 7032/2325/Feb 14 m Y053RG 7007/0545/Feb 12e YV6AZC 7022/0220/Feb 36p ZD8AM 7020/0035/Feb 4 ep ZS2MX 7090/0440/Feb 12 m ZSERM 7003/0410/Feb 17w ZLLNH 7003/0815/Feb 14m W9WGO/6Y5 7025/0530 14m 9K2DR 7016/0345/Feb 12e
(e = eastem statea $m=m i d j e ~ s t a t e s ~ w=$ westem reaches ka = okinawa ep = iran, etc
(all times in $\quad \# t=l o n g$ path *...well, I don't know. Let's watch it to see if it moves ??? Slim. .for sure!)
A FEW MORE SHORT NOTES 5H3KS is of ten showing around 21300 kc from 1700 Z to about 2000Z. QSLs go to the QTH there....Karl Schmidt, P.0. Box 250, Dar es Salaam, Tanzania.
Britain is reported as moving to give independence to Tuvalu, one of its last colonial possessions. You will remember how Tuvalu split from the other islands in the group a few years back and VR8 came on in January of 1976 and the Colvins put VR8B on the air. Now it appears that another call prefix may be showing.
A newspaper report out of London states that the move may stave off the nationalist movement there in Tuvalu whose slogan ...and battle cry....is "Iuvalu for the Thvaluans".
Some are looking for a handle on how to comer ZK1BA-Irevor, for a QSL for his Manihiki operations of 1976. Now believed to be in the Wellington, New Zealand, there is a back-log of QSLs on hand at his QSL manegers while the needed logs are awaited. That ZD8HR heard in mid-February and during the c.w. test greesito Hillar Raamat, Box 611, Sunnyvale, Calif. 94088. This is N6HR and WA6HPS. VP8PP has worked 99 countries, 46 states and 2100 QSOs since August of 1977. All this with 100 watts....or a bit less. Proves again what Sam would often say: "They can hear you if they want to...". K6SVL, John Alexander, down in the St Iqucia asea to sign W2IIEU ran into some TVI problems there in the evening.
JA1KSO will be traveling in China later this year and will be scouting and patrolling to see what the possibilities are for amateur radio. We still think that China will come on with its own operators one of these days....there are signs this will happen from Iraq. And even Albania is looking for tourist trade to bolster a sagging economic picture there on the Adriatic. The doors will open.....eventually.

Louie, tell us of the night,
What its signs of DX axs...

TEN METER LIVES!!

GDLAM 28026/1515/Feb 12 e HA8CY 28065/1455/Feb 11e HK $\neq$ BIKX $28050 / 1525 / \mathrm{Feb} 13 \mathrm{e}$ KGGJII 28014/2240/Feb 19m KM6BI 28028/2215/ Feb 19m A2CSD 28505/1835/Feb 11e A35DE $28538 / 0045 / \mathrm{Feb} 11 e$ CT16G 28713/1720/Feb 19e CT2CB 28547/1925/Feb 21w СТ2АK 28562/1830/Feb 10e DK80LA 28515/1605/Feb 8III DL3BJ 28580/1640/ Feb 17 e IM2YDE 28526/1550/Feb 13 e EA3ADW 28551/1700/Feb 8m EATVE $28591 / 1620 /$ Feb $19 e$ EA8DZ 28572/1805/Feb 21w F6ERG 28547/1535/Feb 19e G5YC $28526 / 1610 / \mathrm{Feb}$ 8m GU2FML $28655 / 1515 / \mathrm{Feb} 19$ e

LB1S 28037/1430/Feb $14 e$ LZ1KKZ 28049/1415/Feb 14e ra3app 28046/0630/Feb 3ep N4ZC/FM6 $28025 / 2045$ 11e SP9ADU 28031/1450/Feb 11e
IN3CBZ 28513/1420/Feb 14e JH3BJG 28595/2330/Feb 16e KG6SW 28566/2315/Feb 16e KL7TEKK 28552/1850/Feb 12e KII6IAA 28505/1900/Ver 10e KNLZVO 28525/1630/Feb 21w KM6FC $28541 / 2115 /$ Feb 10e KX6BU 28549/2335/Feb 16e IX1CR 28608/1700/Feb 19m OD5CX 28545/1515/Feb 12e ON5KD 28583/1635/Feb 17e ONTPZ 28575/1445/Feb 19m ON5SG 28564/1620/Feb 8m OZ2RM 28597/1615/Feb 19e

SU1IM 28040/1440/Feb 13 e UB5MAQ 28038/1450/Feb 11 e UB53AZ 28015/1505/Feb $12 e$ UK2BAA 28041/1355/Feb 14 e 2E1CB 28077/1455/Feb 11e P29NOB 28510/2320/Feb 11w RA/HBH 28575/1350/Feb 12e SM5DYC 28658/143-/Feb $12 e$ TG6PB 28620/1540/Feb 9II TR8WR 28582/1505/Feb 10m UB5EAF 28513/1430/Feb 14 e एАЗYBO 28513/1435/Feb 14 e YJ8KM 28511/0135/Feb 12w YU2QZ $28594 / 1540 / \mathrm{Feb}$ 8m ZB2BL 28568/1400/Feb 19m ZFF2AI 28504/1930/Feb 17m ZS5DF $28589 / 1340 / \mathrm{Feb} 10 \mathrm{e}$ ZSLAE 28491/1650/Feb 12e ZS6LP 28624/1630/Feb 17e

## AFRICA CW

CN2AQ 14040/2120/Feb $13 e$ D2FA $14040 / 1305 / \mathrm{Feb} 16 \mathrm{e}$ EA8URE 21031/2030/Feb 18w EA8GE $14044 / 2240 /$ Feb 14 m EA8Q0 14025/1935/Feb $11 e$

## AFRICA SSB

FIL2T 14014/0030/Feb 19w
ELL2ET . $14025 / 2140 / \mathrm{Feb} 13 \mathrm{~m}$ FF8WI 14028/0300/Feb 20w FR7BP 14052/0400/Feb 17m J28Af $14035 / 1420 / \mathrm{Feb} 14 \mathrm{e}$

J28AY 14036/2225/Feb 12e ZD7BW 14017/1925/Feb 11e ZDBTM 14037/2130/Feb 14m ZE1JW $21036 / 1945 / \mathrm{Feb} 16 e$ 2S5SF 14050/2130/Feb 14m

ZIL2GH 28035/ $1845 /$ Feb 11e ZS4SD 28081/1510/Feb 12e 4ण1ITV 28039/1515/Feb $14 \theta$ 9H1CH $28025 / 1350 / \mathrm{Feb} 13 \mathrm{e}$

ZS5LB 28580/1740/Feb 14m 3D2RM 28553/2220/ Feb 10m 3D6BE $28530 / 1545 / \mathrm{Feb}$ 13e 3B8CV 28510/1410/Feb 10m L K 4 AS $28587 / 1445 / \mathrm{Feb} 13 \mathrm{e}$ 4X4XS 28564/1515/Feb 19m $424 \mathrm{DXX} \quad 28544 / 1425 / \mathrm{Feb} 12 \mathrm{~m}$ 42L2e 28620/0640/Feb 19e 5H3BD 28580/0640/Feb 17e 6Y5M $28605 / 2025 / \mathrm{Feb}$ 18m 8P6CG 28606/2100/Feb 14e 9피G 28575/1530/Feb 12m 9J2BO 28507/1755/Feb 13e

## ZS5B0 14033/2025/Feb 14m 515PG 14029/2205/Feb 14m 524QP 21030/1920/Feb 16m $9 \times 5$ AE $14060 / 2340 / \mathrm{Feb}$ 19e? ZS6AKJ 14035/2110/Feb 14m

TULAKK 14201/2350/Feb 12 m WA $3 W A Q / T J$ 1 $4220 / 2245 \quad 11 \mathrm{~m}$ TJ2P $14213 / 2050 /$ Feb $12 e$ TTU2HY $14202 / 2220 / \mathrm{Feb}$ 11m WD9FCC/VQ9 21289/1545 17w ZD8ER $14268 / 2300 / \mathrm{Feb}$ 17w ZD8KG 21353/1915/Feb 14e 2D8ERR $21305 / 1800 / \mathrm{Feb} .15 e$ ZD8RP 14201/0015/Feb 11m ZD9GG $14245 / 1730 / \mathrm{Feb} 19 \mathrm{w}$

TACHIZ 14014/1840/Feb 17e UADYAD 14012/0145/Feb 15 e UA9CM 14,003/0120/ Feb 15m UA9MIA 14,038/0305/Feb 14 m UD6CD 14017/1700/Feb 20w JG6GAG 14037/1515/Feb 11m UI8AGF $14038 / 0300 / \mathrm{Feb} 14 \mathrm{~m}$ UJ8AC 14030/0320/Feb 14m
 ZETJE $21274 / 2225 / \mathrm{Feb}$ 15m ZSAMI 21320/1830/Feb 11 e 2S3C 21445/1430/Feb 120 ZS6BING 21445/1430/Feb 12 e ZS6ANE/ZS3 14209/1245 10m 3B8DA 14219/0240/ Feb 13m 3D6RP $21354 / 1830 /$ Feb $19 e$ 5H3BP 21318/1755/Feb 16e 5H3JR 21370/1950/Feb $13 e$

UK9NBA 14039/0315/Feg 14 m UK $\varnothing$ QAS $14055 / 0140 / \mathrm{Feb} 13 \mathrm{e}$ ULTRAF $14038 / 0255 / \mathrm{Feb} 1 \mathrm{Lm}$ ulfran $14036 / 0300 / \mathrm{Feb} 14 \mathrm{~m}$ ULTNAN 14036/0305/Feb 1 Lm UL7TAK 14035/0230/Feb 15㐌 ULTGBJ 14031/0210/Feb 12m ULTJAM 14039/0150/Feb 12 m

HS1WR $14208 / 1520 / \mathrm{Feb}$ 16e JR4BKX 21295/0235/Feb 20w JT1KAA 14211/0235/Feb 13 m JYЗZE 14201/1415/Feb 18e\# J 55 Hㅐ $14204 / 1325 / \mathrm{Feb}$ 19e\# JY5US $14204 / 1430 / \mathrm{Feb}$ 17ell JY5AR 14232/1545/Feb 18w\# JY9DI $14253 / 1305 / \mathrm{Feb}$ 16e\# JY90D 14232/1545/Feb 18w\# JY9DR 14248/1520/Feb 18w/\# JAфYAD 14025/0215/Feb 11m UI8LAG $14203 / 0330 / \mathrm{Feb}$ 11m

UK8BAJ. 14204/1615/Feb 11m UK7JAA 14220/1245/Feb 17e UWØIZ 14202/0030/Feb 14 e UVGEX 14224/0025/Feb 17e VU2BEJ 14201/1535/Feb 18w\# VE2JNA $14201 / 1510 / \mathrm{Feb} 18 \mathrm{w} \mathrm{\#}$ VU2BX 14207/1310/Feb 15e\# VU2RAK 14216/4330/Feb 13e\# VU2RAJ 14224/1305/Feb 18e\# VU2MCX 14213/1220/Feb $14 e$ VU2ATK $14225 / 1300 / \mathrm{Feb}$ 17e VU2DK $14210 / 1630 / \mathrm{Feb} 14 \mathrm{~m}$

## 5T5ZR $14248 / 0615 / \mathrm{Feb} 17 \mathrm{~m}$ $524 G X \quad 14213 / 1540 / \mathrm{Feb}$ 14m\# 5ZLRE 14210/2000/Feb 11e $7 \mathrm{P} 8 \mathrm{BC} \quad 21344 / 1735 / \mathrm{Feb} \quad 19 \mathrm{e}$ 7X2BK $14217 / 1200 /$ Feb $17 e$ 9G1KH 14213/2020/Feb 11e 9G1FF $14205 / 2025 / \mathrm{Feb} 17 \mathrm{e}$ 9G1DU 21261/2035/Feb 15e 9G1SM 14231/2145/ Feb 17w TG1MB $14276 / 2230 / \mathrm{Feb}$ 17w

UM8NA. $14032 / 1500 / \mathrm{Feb} 12 \mathrm{w}$ UMEMBA 14039/0315/Feb 14m VT2BK 14042/1450/Feb 17w VT2BX 14025/2330/Feb 12m VU2AWL $14032 / 1450 / \mathrm{Feb}$ 12m VU2ASH $14037 / 1345 / \mathrm{Feb}$ 13e\# VU2CP $14033 / 0150 / \mathrm{Feb}$ 12m 9K2EZ $21015 / 1540 / \mathrm{Feb} 12 \mathrm{e}$

VT2GKK 14214/1515/Feb 13 wit vप2xX 14210/1520/Feb 11w\# VU2YY $14216 / 1520 / \mathrm{Feb} 11 \mathrm{w} \#$ VS6AK 14225/2340/Feb 10e VS6EJ 14224/2350/Feb 13e YIK1AA $14225 / 1515 / \mathrm{Feb}$ 18w\# OE6DK/YK 14265/0630 17e LXXLCW 14217/1405/Feb 17e\# 4S7JD $14223 / 1245 /$ Feb $14 e$ 9K2DJ 14232/1540/Feb 18w\# 9K2DX 14210/1530/Feb 13w\# 9M2DQ 14225/2320/Feb 14 m

## CALENDAR

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CLIPPERTON
IRAQ
WALVIS BAY
MELLIS REFEF
COCOS-KWEEIING
AVES
CARTB NEW ONE
TOKEIAUS
GUERNSEYY
SINT MAARTEN
LACCADIVES
ARRL PHONE DX TEST
COMVONWEALTH TEST
TRTESTE DX TEST
POLISH CW TEST
BGRNUDA TIEST
CALTFORNIA INSERNATIONAL
    DX NEEITING
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From March 19th....FO&XS
Definitely watch the latter part of March.....
ZS3WBC from March 6th
VKs looking for a July operation
P29JS looking for a June/July effort from VK9Y-
YV\varnothingAA about Mexch 22nd
Apparently hit a roadblock.....but keep listening.
5W1AT and friends in mid-April
GU6CIA for the ARRL c.W. test March 18/19th
PJ8CO by W1C0 and friends from March lst to 14th
Scme VUü, say no go...others say maybe. Nothing solid....
Second go-round...March 4/5th
Miarch 11/12th
March 11/12th
April 1/2nd
April 22/23ra
April }55/16\mathrm{ th at Holiday Inn in downtown Visalia
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LHE GREAT DX GATHERTNG It comes ever Smring in Califomia. And it is not very
far off. April 15/16th at the Holiday Ian at Visalia.....right close to the
Visalia Intemational Airport.
Who will be there? Some of the Clipperton Vrew for sure.....along with slides and $^{\text {the }}$ for a movie of the operation. Charles Signer will be taking care of the visuals. Also there will be OH2BH, Maxty, OH2MM, Ville, axd OH2OV.
W7KN will speak on antennas. KPLRF will also speak. There will be a presentation of the recent ZL1AA-Kermedec operation. W6AQ, Dave Bell, will talk of his contest operation from CR9AJ last Fall. K6JA will talk of antennas for 160/80 DXing.
There will be even more. Pre-registration is $\$ 18.00$ and this goes to Marty Woll, N6VI, 15532 Tupper St., Speulveda, Calif. 91343


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ARRL A bulletin out of Newington reports that the FCC as of February 13th is allowing licensed amateur operators to operate their primary stations as repester, euxiliary link, control and remotely controlled stations without prior FCC approval.
Primary stations operating in the repeater mode mast identify by following their callsign with RPT/repeater, primaxy stations operating in the auxiliary link mode must identify with their callsign followed by ADX/Auxiliary depending on the mode used. There are no special identification requirements for primary stations operating in the control or remotely controlled modes.
The waiver was effective immediately and will terminate when the FCC issues a further order in Docket 21033 pertaining to this matter. The ARRL in their upcoming edition of the ARRL Repeater Directofy will include active repeaters operating under this new authorization as well as those operating under the $W R$ call signs. This is dependent on the information being in Newington by March lst

The FCC had adopted type acceptance of amateur power amplifiers and a ban on all commercially available power amplifiers capable of being operated berween 24 and 35 mhz . The effective date for this ban has not been determined by the FCC, these being in Dockets 21116 and 2117 adopted on February 17th. You can still ..as an amateur...build or modify an amplifier for your own use on the ten meter band.
SOME LAST MINOTE NOTES There is a report that the Holiday Inn at Vibalia is already sold out for the night of the DX meeting. This sometimes happens with the inquiries sent to an 800 prefix telephone mumber. The phone number of the Holiday Inn at Visalia is (209) 7339000 . Cheak there and make sure. Often this problem develops when a block is reserved for a group and the Great Green Computer shows that things are...try the number given here and get the information direct!
KVLFZ worked four continents and nine countries on one OSCAR pass last week. Shows what happens if you talk fast. WBLZNH will be operating C5ABK in the coming week and looking for a CR3 possibility. Look for him at $3773 \mathrm{kc} / 7092 \mathrm{kc} / 14195 \mathrm{kc} / 21270 \mathrm{kc} / 28589 \mathrm{kc}$.
$4 S 7 \mathrm{EA}$ will be active on weekends from 1430 Z on Satumays and 0030 z on Sundays on twenty meters. QSLs will be handled by WB9Of. Frankly we could not identify the last letter in the call and will up-date when it comes in. Mea nwhile work Ernie and wait for the QSL inforrnation....somewhere in Wisconsin.
TNXX to W1AM, K1C0, W1MV, W2AG, W2FP, WB2RLK/VE1, K2TQC, WLBAA, WLKKA, WLICL, WLOTN, WBLRTS, WLJF, NLWX, NLXX, WLZR, W5AK, W5AQ, K5AQ, W5CPI, W5JW, K50VC, K5PP, KโRO, WA6DNM, K6JG, WAGKCX, K6LAE, WGQNA, W6RTN, K6SX, W6TSQ, K6UFT, WB6YDT, K7\&BV, N7UT, K8IP, K8MFO, W9DRL, WB9LTY, K9MM, W9SS, WA9TKV, WAфKDI, KøLST, NøRF, KZ5FR, EP2WW, P29JS, DM2DUK, LiA2AD.

WEST COAST DX BULLBTIN Published every week by the Marin County DX Group. One of the Local QRPers was by last week and wanted to know wha.t we were doing. "Nothing," was our reply. Then he asked what was new and again we said: "Nothing". J.hen he wanted to know what our plans were for the ARRL Phone Test and again we told him that nothing 'was planned. He persisted....we resisted...and finally he said: "How can you stand all this inactivity?" and away he went down the hill. An unfulfilled DXer. But that was the way it was as we head out of W:inter and into Spring he:re on the shores of the Pacific. And there are now. those days with the skies clear, the weather warming and the fruit trees in bloom and the hills green. And while we try to muscle up our strength to try to fi-gure why we should always be rushing somewheres, always something doing or a hurry to get back to where we started, we will just limit our horizons to the Thursday luncheon with Sam a't Marin Joe's and wait for things to drop on top of us. For either we have caught an infection of laziriess or Spring is near for sure. And while we strive to build up our strength for Clipperton and the taxing demands of the days aneach, a full year of seminders for other lazy DXers will come your way in the TJ.S. by second-class mail for $\$ 14.00$. $\$ 18.00$ roars it out of the night to the VE/US/XE areas by first-class mail $\$ 20.00$ flies it down the long curve into tomorrow's dawn and all the DX lands where it is alwa;ys manana....or something like that. Come....let us rest for the days to come..

