## WEST CMAS BX BUIIIIII <br> 

MORE CLIPPERTON The Clipperton crew amived at San Diego about 8:30a.m. on April 3rd, the boat being ready for Immigration and Customs when those offices opened. During the week the group has been visiting in California and a delegation was enroute to the Northern California DX Club meeting last Friday.
Some of the statistics on the operation may be of interest. A count of QSOs made on the way home showed a total of 29,069 QSOs entered in the logs. Of these, about 21K were North American types, 4 K were with Europeans and the rest scattered around in other areas. About 800 of the European contacts were with the F Stations.
Initially the group set a goal of 175 QSOs per hour and set out to achieve that figure. On a 24 -hour around the clock operation, the actual QSO rate came out to 187. Figure this out yourself but this will come to one QSO every twenty seconds during the stay there.
The decision not to operate SSB across the WPX test was made just a day or so wrior to the weekend and was based on the desire to make the biggest possible number of Clipperton contacts. Activity in the WPX test probably would have run up a big score but this might have lessened the total number of stations able to work Clipperton as many of the WPX contacts were expected to be repeats.
During this weekend, some 8000 additional contacts were made.
The hairiest time came during the departure of the group from the island. The surf had built up and was running eight to ten feet. The outboard thsed on one of the rubber boats had had its propellor ground on the coral to the extent that it was only
". of limited use and rot enough to drive a boat through the surf.
One of the skin-divers worked his way out through the surface and placed an anchor off-shore. Some Japanses glass floats from fishing nets were tied together as a buoy and above the anchor and a line run out from the beach. Gear would be loaded in a rubber boat and a one-man crew would try to muscle the boat through or over the surf and out to the buoy where the gear could be transferred to another boat and taken out to the Phillipa. About three out of five attempts ended up with the rubber boat upset in the surf.
All the gear was dumped in the surf. The decision to leave the towers was made when it was obvious that it would be dangerous to attempt to take them out to the vessel. Sharks were in good number along the shore and land crabs were everywhere on the island.
HB9AHL got a deep cut on his head while taking a shower on the foredeck on the outbound trip. FSII plied his trade and stitched Willy very neatly.
On QSLs.....go to Page 3 and there is a word or two from HBg̀MX.

SUNSPOI LOUIE With nine active areas showing spots you
might suspect that things are improthas It might be even better than you think. In addition to the active areas
wing grots. there were seven other-szeas that
showed activity but no spots. Some of these plages can develop ovemifitestoas 1042 and 1055 shoved no spots on April test brit did
show some on April and. Keep jumping - $-(1057) \cdot(1056) \cdot(1059) \cdot(10550)$
Those who keep an ear to WWY know that the flux has been up. lest twuruang rya up to 149 after slipping dow to 119 at the end of March. If you keep your chart you gog easily tell how things are headed. Sritroy why was, giving a K figure of $\$$.
Back on the banks of the Potomac there is a N37 W61 ${ }^{\circ}$ feeling that Spring is near and the cherry blossoms will soon be attracting the migrating tourist With the weather bureau paying it might hays been the worst winter in weather, the natives ace out blinking in the sun and say that all of that is behind us and history..... it is what is coming that we have to watch for and it looks like ANs, HRs most of the way but with a feu INNs and ENs to remind us that things do change. But this time they are going to head for the better side. Prepare!!

Some of the areas that once were with us but took the big tum around the western limb should have shown in the last week. These included Areas 1029/1033 and 1037. And a bit later this month some disturbed conditions may return around the 21st. But enjoy the good days and you can look for them,.....


2 April 78 1 spot. 10 millionths 3 spot 50 hilitome 9 spot 74 militintio. spot to 10 millforthe 4 spots 30 millionths 3 apote 350 millionths

$$
\begin{array}{cc} 
& 1057 \\
\mathrm{~N} 19^{\circ} & \mathrm{E68}
\end{array}
$$

$$
\mathrm{N} 27^{\circ} \quad 10583^{\circ}
$$

$$
4 \text { spots }
$$ 10 milLIonths

$$
\mathrm{N} 23^{\circ} \quad \begin{gathered}
1059 \\
\mathrm{E} 30^{\circ}
\end{gathered}
$$

2 spots 10 millionths


The storm expected on the 21at may keep things in a mixed-bag unit about? the 26th. There may be something more on this next. week.
But looking to last week and what the great arm signal out of WWV said, KEEK: get it all and By reports that it was.....


A1I of this spells DXI What more could the Deserving artie Ewrefe open a neath from the western reaches? It; was last week and mire is cha th row the phot.....

CLIPPERTON QSLS Kurt Bindschedler, HB9MX, advises that the Clipperton Crew brought ten first day letters (covers) home. This have highly valuable French Polymesia postage stamps affixed. The cachet reads: "FrancomSuisse Clipperton- - " with the dates of the operation and an outline of the Clippetton Atoll.
These limited items are available to collections for $\$ 10.00$ (u.s). There are also available several dozen of air mail letters, these bearing no postage but do show the outline of the atoll, a 'Clipperton' endorsement and the autographs of all the crew members.
You can get one of thise for $\$ 3.00$ and, if you make the request, your FOXX QSL will be mailed registered to you.
All of these are available at HB9MX, Kurt Bindschedler, Strahleggweg 28, 8400 Winterthur, Switzerland.
The Clipperton QSL cards will be printed in French. The early estimate is that it will take about four weeks......or sometime early in May.....for the cards to be returned from the printer.
On the logs. With all the gear being dumped in the surf, sharks and the swimmers fraternizing and everything getting well-soaked, how did the logs fare?

Before they went out to battle the sea, the logs were wrapped in layers of plio-film to make them as water-proof as possible. The package was also water proof and they were gotten aboard the PIIILLIPA in good condition.
The radar gave them rouble, the deep deptr-sounder gave them trouble but most everything else went well. Ashore the land crabs gave trouble; they being into everything and everywhere.
Extensive records were made both by movie and slides of the operation, the QRM and the every vigilant policemen on their transmitting frequencies were caught on tape and the trip would be a delight for many months to those who worked this effort.

As one of the participants has said: "If we did not work you it was not because we were not trying. Towards the end we were digging down into the QRM trying to locate stations calling us."
BOPHUTHATISWANA ZSLPB, Peter, will be back in H5 late this month to operate on all bands from this African homeland. The callsign will be $2 S 4 \mathrm{~PB} / \mathrm{H5}$ and Peter thinks that this may be the $\mathfrak{Z}$ ast operation from H 5 for some time.
Late in April watch for Peter......he will be everywizere. One-Sixty thru Ten...

WEST COAST DX BULLETTN Second class entry and postage paid at San Rafael,Calif. Published every week by the Marin County DX Group at 77 Coleman Drive, San Rafael, California 94901

By second-class mail, $\$ 14.00$ a year in the U.S. By 'first-class mail, $\$ 18.00$ a year to the VE/W/XF areas. $\$ 20.00$ per year for airmail to all the DX lands, all those beyond the dark mysteries of the night and into the red flame of

FRED LAUN IN THATLAND Fred Laun, K320, ex-LU5-ex-HS, ex-HI8, etc, will be back in Thailand next month, the tenative date of arrival about May 20 th.
Fred will be there in SouthEast Asia for a three ox four year period. He is looking for his call to be HS1ABD but may turn up with something else. A heavy work load may keep him from operating as much as some may wish but he will be on the air when possible,
The current activity out of Thatland is mostly HS1WR, Colonel Kamchai Chotikul, and HSIALC, Ron Bostiek at the U.S. Rmbassy. Ron, a QRP type with low power is due to depart Bangkok in June.
Fred will be active mostly on eighty and forty and ten meters. He will be on irregularly but usially in the major contests. Currently Fred is a member of the ARRLs Contest Advisomy Committee, Bob Cox, K3EST, 5801 Huntland Road, Temple Hills, Maryland 20031 will handle the QSLs for Fred.
K 320 is not particulariy nompleped with lifet and m.c operations. He probably will not be found on any of the DX nota nor is there much possibility of any DXpeditions to nearby countries in Southeast Asia. Look for Fred during the contests.......he likes them.
GAIAPAGOS Rick Dorsch, HC5 EE, who put HD8EE on from the Galapagos last year, will be looking for another tiel there and some operaining come this June.
Rick is planning to be in the island group for possibly four days and will probably team with HC1BU for a week-end operation.
During the recent WPX Test, you may have heard that HD1A cell.... ...this was WALUAZ/HC1 with the gpecial gall for the test, 0thera you may have heard such
 call-book address.
ZD9/GOUGH There is a Sunday schedule and list operation every Sunday run by WøUQD for ZD9GG. This is at 14250 kc from $1700 Z$ to 18002 . Sometimes the frequency is changed up to 14280 kc but one or the other, you ahould be able to find them easily.
ZD9GG prefers the list operetion. This generally works the long path and ZD9GG will be leaving Gough before long. QSLs go 2S1Z. Allen, WøUQD, wants to facilite the QSOs for those needing $2 D 9$ and wants to run as many through as possible while the conditions are favorable.

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KABL RHANZ - KLYT Karl has been in Africa and active. A latter from him tells what happened since his arrival in Africa at CN8 in February.

There was still nothing on my application for a CN8 call so I was in the ARRL CW test the first weekend at CN8CWs QIFH. I made about 500 QSOs with CN8CW's cell. QSLs for these go to WA3HUP.
Here in Morocco a new call being heard is VD3JGC/CN8AK. This is Gregs Calkin and QSLs via the Canadian Embassy, Box 709, Rabat, Morocco. Gregg will be here for three years.
I went over to Gibraltar early in March and got the call ZB2DZ. The rig I used did not load well but I made over 1200 2XSSB QSOs. All of these go to WRGHK.
Ken, K2FJ, was operating ZB2G and K300 was operating ZB2EA, Also QRV was G3UAZ sigming ZB2DX. ZB2CJ was at Gibral tar from the UK on a four week vecation; and should have been there through March.
I probably will head next for 7X2. At this point the problems here have messed up my schedule but I will be showing up somewhere along the way whenever possible.
CN8AK also holds the call ZB2DW. ZB2DH is G4ESO and ZB2DS is GM3WBZ.
Look for me elsewhere in Africa and the Middle Fast. Somewheres along the way. I will be active.....

## Karl KムYT

SHORTLI NOTED AlXGY has been showing up around 21357 kc ....more or less a few kc around 1800 Z . This one likes to rag-chew a bit.

2E7JX, Peter Lowth, became a Silent Key on March 30 th after a two week bout with hepatitis. He was often heard on One-Sixty.
W6Y is trading the improved version of his QSLs only for 1HqYO. Jules will be at Viaslia to tell about his circumavigation with a quad on the foremast. HP¢POL continues to be heard from King George Island in the South Shetlands. this one QSLs to SP2BBD.

D68AD may sound unusual but apparently is the true-blue. QSL for Robin to Box 15, Moroni, Republic of Comoros or to his home call, G3RWU.
OE5KHM is a commemorative station in Hochburg, Austria. It marks the 1100 th anniversary of the town. The station will be on until December and a special QSL for working the station will come via the bureaus. They also have a 'Silent Night' certificate to honor the composer of that hymn who was from Hochburg.

KG6RI left a week back from Saipen to a trip to the states but should be back there next month. KA6PS has closed down from Okinawa and next will be heard as one of those EIusive Sixes from the Monterey area.


APRIL lst The annuel chance to work the unusual comes every year and some of the regulars were back last week.
The expected PHØNY was heard on twenty c.w. Also on twenty c.w. was FøOL and FXNY. For those tensed-up and listening for Iraq there was YI1APR. This one QSLed to YU1APR.
Also on twenty c.w. was 3Y60D, . . 14037 kc at 02252. It was Autumn on Bouvet.
You can expect some of these back next year...they always do come but missing in the reports this time was Un $\%$ OL.
The FøOL call might not be unfaidlian. Some years back a wi touring in Europe and operating from a number of places such as Liechtenstein, Andorra and a couple of other stops was issued the F $W$ OL as a regular call. Everytime he got on the air it was an argument. "Wise guy! Huh!! You are not kidaing me, you phoney!!!!". When this W7 got to Andorra they issued him a C31-call in lieu of the PX that had been issued up to that time. Out of the frying pan and into C31.....when he tried that call guess what he heard.
So what do you do? Work them first, worry later. Even on April ist.
GB3RN This is a station operated by the Royal Navy Amateun Radio Club aboard the naval museum ship, the HMS BPLFAST, moored in the Thames River. It was being heard the first week in April....14207kc at 2120Z.
BAHREIN A9XBD, Geoff Smith, is looking for a couple of states to fill out a WAS. Many may doubt but there are always those DX stations looking for the elusive W/Ks.

Anyhow, with that point again reemphasized, Geoff is looking for Kansas/Delaware/ Idaho/Nebraska and North and South Dakota. Geoff was at 14233 at 0400Z on March 30 th and advises that this time on Fridays is the best, time to look for him. QSLs go to the call-book address which has been correct since the oallbook of 1976...Geoff Smith, Box 14, Manama, Bahrain. Call book says "Bahrain"...the DXCC List says "Bahrein". Either should get it there.

## Let's face it!

 Check these fertures:Continucusly tundele boncipes filter (not lompees) so that the perstand may be poltioned emyntere from 200 to 1400 Hz 3 ds bendwideth is comtinuouly ajumthlo from 14 to greater than $2100 \mathrm{~Hz}(200 \mathrm{~dB}$ thend width from 140 to 2100 Hz ).

Audio input and output inpedence is dight ohrme with one wott outpurt capability.

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Bypess swith reatories the recelver adio output peth to its originel confipuration.

Power Requirmments - - - 115V me - lose then $1 / 16 \mathrm{mmp}$. No butterias nouctod.


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WATCH FOR OTHER INNOVATIONS FROM ERC

4

## 11 Aprat 1978


#### Abstract

e 91 lence that is in the starry gky. The wleep that is among the lonely hills........


TEN NETERS. .....LIVES?

DK1FQ 28009/1400/Mar 24e GILFZC 28015/1515/Mar 24e J28AF $28013 / 1735 / \operatorname{Mar} 26 e$ KZ5EK 28012/1415/Max 24e A2CZV 28501/1615/Mar 28 e A2CBW 28515/1630/Mar 29e стасв 28552/1450/Mar 24 е СT2BU 28503/1330/Apr 1e CT2AX 28530/1815/Mar 27e D68AD 28503/1605/Mar 29e EA6DI $28585 / 1330 / \mathrm{Mar} 24 \mathrm{~m}$ EA6FL 28585/1335/Mar 24m EL1I 28515/1700/Mar 28e EP2TY 28506/1615/Mar 28e FO8EX 28501/1700/Max 28e FRTBP 2864/ $/ 1635 /$ Mar 29e GJ3DVC 28592/1920/Mar 31e DJ 1 IP / HB ¢ $28542 / 1430 \quad 24 \mathrm{~m}$

## AFRICA CW

CN8CW 21036/2050/Apr $2 e$ CR7KC $14054 / 2040 / \mathrm{Mar} 30 \mathrm{e}$ CN2AQ 21041/1655/Var 30e EL2ET $14053 / 0535 / \mathrm{Mar} 28 \mathrm{e}$ FPBZN 14041/1325/Mar 24e\#

AFRICA SSB

| A2GBW | $14227 / 1515 / \mathrm{Apr}$ | $2 \mathrm{w} /$ |
| :--- | :--- | :--- |
| C5ABK | $14218 / 0050 / \mathrm{Apr}$ | 2 w |
| CN8CX | $14280 / 065 / \mathrm{Apr}$ | 1 e |
| CTBBA | $14204 / 1950 / \mathrm{Apr}$ | 1 e |
| FABIID | $21355 / 2025 / \mathrm{Mar}$ | 29 e |
| FA9EO | $14202 / 2145 / \mathrm{Mar}$ | 28 m |
| FR7RI | $14202 / 1315 / \mathrm{Mar}$ | 27 e |
| FR7BE | $14210 / 0440 / \mathrm{Apr}$ | 2 w |
| ASIA | CW |  |

AP2TTV 14028/0305/Mar 31m EP2IA 14028/0250/Mar 30w EP2YK 14019/0415/Mar 24 e HM $\phi$ X 14095/0345/Apr 1w JT1BE $14035 / 1510 / \mathrm{Mar} 30 \mathrm{w}$ UAOPC $14041 / 0120 / \mathrm{Apr} 1 \mathrm{~m}$ UA9CF $14053 / 0315 / \mathrm{Mar} 31 \mathrm{~m}$ UAфSFP 14020/1150/Mar 31e UAфYAE 14047/1315/Mar 24e UAøLAQ 14048/1315/Mar 24 e UAф QAA 21038/0300/Mar 26e UAФААK 14034/0055/Mar 29e UAфIAG 14004/0250/Mar 29e UD6DEK 14047/0150/Mar 29e uD6BO 14009/0015/Mar 31e

## ASIA SSB

| ALYXGY | 21356/1800/0 |
| :---: | :---: |
| A9XBD | 14210/2030/Apr |
| AP2TN | 14203/1550/Apr |
| AP2MQ | 14211/0235/Mar |
| 2 B | 14225/0015/Apr |
| 2II | 14204/1710/Apr |
| EP2II | 21298/1255/Apr |
| EP2NC | 14226/0220/Mar |
| EP2MT | 14221/2025/Apr |
| HL9UF | 14213/1330/Apr |
| 1WR | 14210/1500/0f |

LZTKDP 28005/1500/Anr 1e PZ1AP 28006/1805/Mar 26e SV1D0 28004/1800/4ar 26e SVめWTT 28026/1615/4pr 1e ISøOWJ 28590/1455/Mar $24 e$ KH6JMK 28523/2130/Apr 2m OD5TM 28524/1530/Mar 24 m PJ8AA $28555 / 1835 / \operatorname{Mar} 27 e$ PL5AA 28643/1855/Marir $27 e$ S79MC $28600 / 1815 / \mathrm{Mar} 24 \mathrm{~m}$ RAøLAN 28589/0405/Apr 2w TJ1BB 28599/1425/Mgir 28m IU2FH $28555 / 1830 /$ Mar 28 e UA $\downarrow$ ZCO 28587/0000/Apr 1w TA6FLA $28553 / 1615 / \mathrm{Mar} 28 \mathrm{e}$ UK6LDZ 28555/1620/Min 28e VK6KW 28579/0010/4ix 1w VK2BX 28558/2240/ Mar 31.e
$\begin{array}{ll}9 \mathrm{H} 1 \mathrm{CH} & 28020 / 1800 / \mathrm{Mar} \\ 9 \mathrm{~J} 26 \mathrm{e} & 28027 / 1415 / \mathrm{Apr} \\ \text { 1e }\end{array}$
$\begin{array}{ll}\text { VK9XX } & 28538 / 2200 / \text { Apr } \\ \text { UP2SQ } & 28515 / 2250 / A p r\end{array}$ VP2SQ 28515/2250/Apr 1e VP5WW 28548/2215/Mar 23m VU2GDG $28547 / 1605 / \mathrm{Mar} 28 \mathrm{e}$ ZD7BB $28563 / 1816 /$ Mar 28e ZDTMG $28563 / 1825 / \mathrm{Mar} 28$ e ZD8KG 28571/2110/Mar 29e ZE1DF 28602/1500/Mar 24 e ZE6JC 28552/1615/Mar 27e ZS3IK 28501/1655/Apr 2e ZS 3 WK 28512/1825/Max 27e ZS3KC 28565/1855/Man 28e $4 \times 4$ IL $\quad 28608 / 1600 / \mathrm{Max} 2 \mathrm{Lm}$ 5N2NAS 28507/1600/Apr Te

6Y5MP 28520/1645/Mas 27 E WA5FBH/ $6 \times 5$ 20523/2130 7P8EG $28522 / 1715 /$ Mar $2.7 e$ 8) 6 GG $26637 / 1505 / \mathrm{Mar} 24 e$ 8R1Q 28569/2045/Mar 31e 9J2FG 28581/1700/Apr $2 e$ 9H1FN 28555/1555/Mar 29e 9H1CH $28529 / 1730 / \mathrm{Mar} 29 \mathrm{e}$ 9H1EL 28591/1745/Mar 31e 9H1EW 28547/1800/Mar 31e

D68AD 21003/1820/Apr 2w J28AG 14012/1315/Mar 29e J28AY 14022/1445/4pr 3e WA7JRI/SU $14008 / 1350$ 29e\# ZE1FS 14055/1500/Apx 3w

ZE8JJ 14038/1300/Apr 2e
9G1JX 14066/2020/Apr. 2€
9J2WS 14034/0520/Mar 28e

54374 2135 5/9950/Apr 1e

7X2Ls 14216/2145/Mar 31m
TR8ACS 14233/2030/Apr 1e TULHZ 14239/2155/Apr 1e S79RD 14215/2015/Apr $2 e$ WD9FCC/VQ9 14220/0020 30m WA60XZ/VQ9 21261/2000 29m WA60XZ/VQ9 14229/0330 1e S79MC $21309 / 1905 /$ Mar 31w ZD7SD 14275/1600/0rmen

UD6DIJ $21034 / 1515 / \mathrm{Max} 29 \mathrm{e}$ UD6CD 21028/1700/Apr 1e UD6DKW 14043/0245/Apr 3m UD6DFF 14096/0405/Apr: 1w UD6DHX 14022/0315/Max 25 m UD6DIJ $14037 / 2225 / \mathrm{Mar} 29$ m UF6FAA 14042/1315/Apr 1w UF6FAG 14010/0050/Mar 31e UH8HBR 14038/2320/Mar 29m UH8HAI 14026/0255/Mar 29e UI8DK 14033/0150/Mar 31m UI8CAG 14031/02.10/Mar 31m UI8ADN 14008/0240/Apr 3m UI8ADB 14020/0315/Mar 25m OJ8XCI 14034/0130/4pr 3e

## ZS2AO 14235/1515/Apr 1w\# ZS6DN 14202/1500/Apx ZS3BC 14213/2010/Apr $2 e$ 3D6TL 14236/1510/Apx 2w\# 5ज7AG 14203/2000/Mar 30m 5Z4AA $14224 / 2205 /$ Mare $31 e$ 6W8FZ 14226/2225/Max 28w 7X2KA 21291/1340/ApF te

UJ8BQ 14027/0145/Mar 31m UJ8BG 14031/0050/Max 29e UJ8AC 14027/0300/Mar 29e UK6FAA 14042/1410/Apr 1e\# UK7NAJ 14004/1905/Maz 28e UK9JAE 14038/1345/Mar $29{ }^{\circ}$ ULTEAH 14029/0145/Mar 31m UTPEE 14050/1600/Mar 28w UTCBO 14041/0120/Apx in UL7CAI 14041/0125/Apr 1m ULTGAV 14026/0155/Max 25m ULTHD 14026/0235/Mar 25m ULTNAF 14002/1910/Mar 280 UTFAX 1404/ $0700 / \mathrm{Mar} 290$ UTVVBA 14037/0105/Mar 29e

UM8MAQ 14038/0220/Apr 1m UM8MNN 14050/0345/Mar 31m UM8NAJ 14020/0145/Tar 25in UWøLQ 14006/1345/Mar 29e VS6CK $14012 / 15+5 / \mathrm{Apr}$ 2w. VS6BB 14035/1540/Mar 30w vU2BK 14031/0155/Mar 31e vU2CP $14032 / 1320 / \mathrm{Nar} 30 \mathrm{e}$ Vण2kTMK $14003 / 1205 / \mathrm{Apr} 1 \mathrm{e}$ VO2BK $21044 / 1435 / \mathrm{Apr}$ 1e OESCA/TK 21044/1730 1e LXLGD 14002/0510/Apr 1e 9н2山и. 14043/1630/Mar 26w

| 2CLMT | 21297/1310/Apr 1e |
| :---: | :---: |
| 457 EA | 14217/2335/0ften |
| $4 \times 1 \mathrm{NQ}$ | 14203/155/Mar 30w |
| LLLGH | 14230/0525/Apr 3e |
| 9к2пх | 14226/2130/Mar 23m |
| 9M2GA | 14241/1420/Apr 1w |
| 9N1MM | 14243/0055/Max 29m |
| 9V1TF | 14245/1415/Apr 1w |


| VS6EG | 14225/1350/Apr |  |
| :---: | :---: | :---: |
| VS6CZ | 14227/1545/Apr |  |
| VS6AK | 14242/1505/Mar |  |
| VS6AJ | 14224/1335/Mar |  |
| VU2XX | 14201/1340/Apx | 1e\# |
| VU2KT | 21303/1645/Apr | \% |
| VU2YY | 14203/1350/Mar | 30w |
| vorck | 14216/0225/Mar |  |
| OE5CA/YK 14243/2330/Often |  |  |
| OE2SJL | YK 14237/0105 | 304 |
| OESCA | K 21312/1730 | 2r |



April 1978

In listening mood he seemed to stand, The guardian DXer of the strand......

## EUROPE CW

| 2AK | 14078/0450/Mar 30 |
| :---: | :---: |
| EA6DD | 210 |
| EA6CL | 21 |
| EASND |  |
| EI9J | 21028/1440/Mar |
| FC9VN | 14 |
| DM2DND | 21 |
|  |  |
|  |  |

GJLCEI 14037/2305/Mar 27m ITIVQD $21033 / 1845 / \mathrm{Mar} 30 \mathrm{e}$ LZ Z1KDP 14009/0300/Apr 2m OESSER $21052 / 1610 / \mathrm{Max} 30 \mathrm{e}$ OHLTC $21065 / 2005 / \mathrm{Mar} 30 \mathrm{e}$ OK10AZ 21060/1510/Mar 30e OK2BPK 21052/1620/Mar 30e ON7RS 21009/1500/Mar 30e OY20 14014/1525/Mar 24w

PA6TVI $14022 / 1325 / \mathrm{Mar} 25 \mathrm{~m}$ SP12EO 21006/1440/Mar $24 e$ SP2DVE 14005/0820/Mar. 30m SP9RT 14033/0335/ApF 1w UKLYAL 14062/0315/Mar 31m JK1AAG 21022/1530/Mar 25m TY5LK 14030/0355/Mar 31m UC2DD $14028 / 0500 / \operatorname{Apx} 1 \mathrm{e}$ Y07APA 14015/0110/ Apr 1 e

LZ1KPZ 14202/0305/Apr 1m OH2SB 21322/1845/Apr 2w OR2KFT 21308/1800/Apr 1w SV1KN 14213/0230/Mar 31m SV1IA 14223/2215/Apr 2e SVøWA 21368/1855/Apr. 2m SP8IMA 21278/1730/Mar 31w

HFDPOL 14020/2325/Apr 1e KG6SS 14059/1310/Mar 31e KM6BI 21040/2225/Apre $2 e$ NN3SI $14027 / 1745 / \mathrm{Mar} 30 \mathrm{w}$ TI2EA $14023 / 0520 / \operatorname{Mar} 28 \mathrm{w}$

TF3NA $14212 / 1215 / \mathrm{Mar} 24 e$ TF $3 \sqrt{B}$ 14228/0200/Apr 3m TF3YH 14228/0200/Apr 3m JAGPD 14233/0430/Max 29w UC2AFA 14214/0520/Apr 3w UK3ADJ 14202/1505/Apr 2w\# UK2GKW 14231/0515/Mar 29w

| VK7ZZ | $14035 / 0755 /$ Mar 29 w |
| :--- | :--- |
| YN1Z | $14008 / 2330 /$ Mar 31 e |
| 2F2AF | $14041 / 1300 /$ Mar 28e |
| ZF2AD | $14016 / 1325 /$ Mar 29e |
| 8P6JV | $21034 / 2030 /$ Apr $2 e$ |

YU1FIJ $21035 / 1545 / \mathrm{Mar}$ 30e YU4VMD 14031/0320/Mar 31m yM1.ZB 14005/0010/Mar 30e 4ण1ITU 14039/1510/Apr 1e 9A1SV $14026 / 2030 / \mathrm{Mar} 22 \mathrm{e}$ 9H1FG $21033 / 1845 / \mathrm{Max} 30 \mathrm{e}$

UK2GAB 14231/0530/Mar 29w UW1AX 14164/0520/Nar 29w YM1ZB 14219/2025/Apr 1e ZB2DW 14205/2200/Mar 28m 9H1EU 14242/2205/Mar 28m

P29JS 14209/1245/Max $27 e$ P29CC 14283/1240/Apr 2m TG6PB $21355 / 2015 / \operatorname{Mar} 29 w$ TK2AGT/LIH 14218/1345 27m VP2DQ 21298/1705/Apr 1e VRयमिF 14262/0730/Apr 2m VRU 1 BG $14206 / 1320 / \mathrm{Mar} 27 \mathrm{~m}$

| ННРМС | 14204/2005/Apr 2e | P29JS | 14209/125/Ma |
| :---: | :---: | :---: | :---: |
| HK $\mathrm{O}_{\text {Q }}$ A | 21355/1915/Mar 29w | P29CC | 14283/1240/Apr 2m |
| HKøCOD | 21317/0250/Max 29w | TG6PB | 21355/2015/Mar 29w |
| ER6SWA | 21263/1635/Mar 30m | TK2AGT | Lif 14218/1345 27m |
| KG6AAY | 14235/1455/Mar 30m | VP2DQ | 21298/1705/Apr 1e |
| KG65JBX | 14209/1500/Mar 29 e |  | 14262/0730/Apx 2m |
| 0X3AP | 14213/0130/Mar ${ }^{\text {2Lm }}$ | VRU ${ }^{\text {B }}$ G | 14206/1320/Mar 27 m |

HH2MC 14204/2005/Apr $2 e$ HK 6 QA $21355 / 1915 / \mathrm{Mar} 29 \mathrm{w}$ HKøCOD 21317/0250/Max 29w HR6SWA 21263/1635/Mar 30m KGbary $14235 / 1455 / \mathrm{Mar} 30 \mathrm{~m}$ OX3AP $14213 / 0130 / \mathrm{Mar}$ 2 2 m

VR4CF 14242/1355/Apr 1m VS5XU 14192/1525/Apr 1w ZK2AT 14302/0750/Apr 2m ZLLLLR/A 14305/0500/Often YB बAR $\quad 14228 / 1405 / \mathrm{Max}$ 29m 9MBHG $14225 / 1530 /$ Apr 2w LU1TN 14205/1800/Mar 31w

PAфAAC 7004/0200/Mar 29m HFYPOL 7006/0045/Apr 2m UK5IFM 7003/0415/Apr 2m UL7EAJ 7013/0110/Apr 2 m 0X3RA $3791 / 0545 / \mathrm{Max} 24 \mathrm{e}$ PYOMAG 3507/0645/Mar 25m VE8BL $3765 / \mathrm{CO}$ /Mar 24 e VK7AE $3685 / 1$ ivo/ Mar 30 w

YO3RF 7009/0400/Mar 29e 2S5A 7001/0240/Apr 4w 4K1GM 7007/0525/Apr 4w 4Z4MB 7016/0220/Apr 2m VP2LI $3797 / 0535 / \mathrm{Max} 28 \mathrm{e}$ 9 Y 4 NP .3798/0440/Apr 3w

EAL AZ $\quad 3785 / 0640 / \mathrm{Mar} 28 \mathrm{e}$ C05GV 3778/0420/Mar 28m KA6KIN 3799/1200/Mar 28w KLTGKY 3815/0850/Nar 24 e




## CATENDAR

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Keep the candle burning in the window.
P29JS there for two weeks from May 31st
5W1AT was ZK2AT to Apr 8th. ZK2TT may show in mid-April
SM5MX for two weeks from mid-April
August a possible VK operation
Nothing late but YVØAA may show on short notice
This weekend....April 15/16th
April $15 / 16$ th.... this weekend
April $22 / 23 r d$. Send $24 \notin$ Sase to K3HD for rules/details September 16/17th.... Mysons Corners again.
Nov 10/12th in Singapore. See your travel agent.
DX MEFIING This weekend.... work the Pacific while
the curtain is open this weekend........

Some FIII-IN NOTES W3HNK has exhausted the supply of IRGs. K2BT has caught up with the VR3AH QSLs....finally. Forrest advises that he mailed over 5000. Multi-QSOs listing were pushed aside to finish the chore. It got down to one QSL+plus one sase $=$ one reply. If you need fillers you will have to try again. Direct QSLs only handled. Doug has left the Marshalls for some leave and will probably be back on Xmas before the summer is over. 457 FA on regular sked with WB90Qu...2330Z at 14215 kc . We have mentioned this Sunday through Thursday roperation before but still hear the Deserving clamoring for a $457 . \therefore$ that QSLs!

## We have DenTron's New MLA-1200

The MLA-1200 is a compact KW designed to fill the gap between your barefoot transceiver or transmitter and a full power 2 KW amplifier. A single 8875 external-anode ceramic/metal triode, (the same revolutionary tubes that power the MLA-2500) yields 1200 Watts PEP SSB and 1000 Watts DC CW with as little as 70 Watts drive. (An automatic swamping circuit prevents damage to the final if more than 100 Watts drive is applied to the MLA-1200.) There are scores of features common to both the MLA1200 and MLA-2500, like forced-air cooling, all-steel chassis construction with tight fitting black wrinkle finish cabinetry, a plug-in PC board for metering, ALC, and mandatory warm-up timing. The MLA-1200 is the same size as our Super Tuner (just $10^{\prime \prime} \mathrm{W} \times 61^{\prime \prime \prime} \mathrm{H} \times 10^{\prime \prime} \mathrm{D}$ ), and weighs only 10 pounds! Twin outboard power supplies are available for A DC operation, with the MLA-1200's low filament current drain characteristics allowing for standard 6 foot cabling between units. Both supplies are constructed of high quality, high current components, and are designed for a lifetime of trouble-free opci ition.

- 80 thru 10 meters . AC or DC Outboard Power Supplies (AC-1200,
- 1200 Watts PEP input on SSB
- 1000 Watts DC input on CW, RTTY, or SSTV DC-1200)
- Forced Air Cooling System


MLA-1200 - \$399.50
AC-1200-\$159.50 DC-1200 - \$199.50

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SEORTLY NOTED Remember！I This weekend we hit the trail for exotic Visalia．There to rub elbows with the fabled DXers such as W6AOA，WGYO，K6JG，and various others from the far corners of the earth．Also the Clipperton group．What all this leads up to is that the regriar mailing of the bulletin may be irregular this weekend．Remember！
ARRL notes in one of the official bulletins that the Hepeater changes and Techs privilages above 50 mHz are effective May 15th．There is also a report that the ARRL is asking for a recansideration of the extengive call－sign changes．FCC seems to like big decisions for simple problems．．．．the callsign change was to reduce paper work and record keeping．The linear decision was to get CBers baok to 5 watts．Seek ye the effect and not the cause for that is where the big programs lie．．．．．

We have no later input on the YI－Anxiety but are firm in believing it will come．Just keep listening． Something will come out of the east some golden dawn．A true－blue YI．．．．
VK2AGT may slip by some as just another VK2．．．．but this one is on Lord Howe！ 14218 kc after 1330 z on occasion．FB8XF has been showing on occasion on the W7PHO Family Gathering．．．．．this one the breakfast one around $1600 Z$ at 14225 kc ．Tuesday a good day to check．FB8WF is expected around the turn of the month into May．WA5FRA／6Y5 gnes to．．．．Cecil，c／o Alpart， 2820 Canal St，New Orleans，La． 70119.
On the suggestion to QSL all those Glipperton QSLs by $18 ¢$ mail，some report problems when tryring to mail at that rate．That is the surface rate for one ounce of mail．．．．．．or less．．．．all over the world except for VE or XB ． $18 \phi$ for lst ounce．．． 2 oz $314 . \ldots 3$ oz $414 . \ldots$
TNX to W1MV，W1JR，K1DM，W1XS，W2FP，W2HAZ，W2NC，K2OF，WB2RLK／VE1，W3CDI，N3ED，K3RL，WBLFOT，W4HU， WLKA，W4LCL，WLTFF，N4XX，K3ZO，KLYT，KSAQ，W5EL，K5GZ，WA5VWP，K5OVC，W5OSJ，K5WS，WA6BJS，K6EC， WAGDNM，N6EM，N6JM，W6KPC，K6LAE，N6OB，W6RTN，W6TSQ，K6TFT，W6YO，WBGZUC，WTHR，W8JXM，K8NA， K8RD，K9RL，W9SS，K9UIY，WøBW，WAøKDI，WøUQD，HC5EE，YB7AAA，JA1DUH，KH6BZF $\mathrm{f}_{\mathrm{F}}$ HB9MX．

WEST COAST DX BULIRTIN Published every week by the Marin County DX Group．One of the local QRPers was up the hill last week and for awhile we sat around and talked about the good things of Spring．．．．such as working Clipperton on a numbet of bards．＂Clipperton should not be on anyone＇s＇needed list＇for a long time，＂the QRPer said，＂maybe twenty or thirty years or so．＂We had ta thisk about this a bit and， as usual，we got into an endless exgument．So we took the question up the hill to the 01d Timer who was feeling god now that the longer days and warmer weather was here．He listened to our arguments and finally held up a hand．＂Take these，＂he said，tossing a couple of copies of the Ohio Valley Amateur Radio Association！s ErTHER WAVES at us，＂and tell me what nomes or calls you recognize．＂Those copies were dated back in 1957 and after a bit we both had to admit that we racognized very little． For sure，only the name of Don Chesser of whom we have not heard much lately．The QRPer claimed to recognize WøQVZ whom he insisted is now WdBW，Bob Kelley，but the rest eluded him．＂DX ia Elways a changing season，＂the Olq Timer said，＂and nothing stands still．The DX and DXers of today will be mostly forgotten in five years or so and many will again be clamoring for Clipperton．＂The QRPer thought this over for a bit was not convinced．＂Why do we chase DX if it is not going to mean anything？＂ he asked．＂I thought that if I can make it to the Honor Roll they would remember me forever．＂This had the Old Timer ahaking his head．＂You chase posterity and it will elude you．All the marble monments in the cemeteries should prove that to you．Chase DX for enjoyment and the pleasures of friendahip and that will be yours forever．＂Later the QRPer told us：＂Sometimes I don＇t understand the Old 中土ner and what he sayb．Da your＂We had to acmit that aften we felt we were on the periphery of underatanding when it came to the old Timer but that that did not bother us for there was much in this world we did not understand．But DX we did for that was a joy．A full year of peripheral DX joy will come yout way each week in the U．S．by second－class mail for $\$ 14.00 . \$ 18.00$ xipples the joyous chords down the far slope and beyond the utrost purple rims by first－class mail to the VE／OS／XE areas．$\$ 20.00$ slings it by fan－jet to all the DX lands below the horizons where not only do they have

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