IRAQ The information continues to come on this one and the consistency may be an indicator that there is some solid substance to all the reports.
N5UR caught YU1BCD during the recent ARRL Test and gol a quick confimmation that
he would be one of the Yugoslav operators heading for Baghdad later whis month. The period"to watch is between February 17th and March 1st. This is the time thait they should be arriving in Iraq and once there, they plan for a six-week stay.
It is possible that there will be more information coming on this one. It is still a lioped for operation and the next couple of weeks should prove to be the critical weeks.
I2FGP has been in Baghdad siffce mid-January and Giampaolo was looking for a license possibility. There has been no report of his being on the air, even from our Down Town Teheran Desk right to the east of Iraq.
COCOS KEFELING Jim Smith, P29JS, says that he has talked with the Pricl at Melbourne and has been assured that a license for VK9 should be no problem. Right now he is jiggling the Melbourne elbow as the promised forms for the license have yet to find their way to Konedobu in Papua New Guinea.
Jim, who holds G3HSR as another license, is looking for a full VK-license and is asking for VK9Y......however, he will be satisified even if it should tuxn out to be a VK4C-license which would allow operation anywheres in Australian territory.
The initial anouncement on a possible VK9-Cocos Keeling operation later this Spring brought a good response. P29JS is encouraged and would still like to hear from any others who have not yet indicated their interest to bring this Indian Ocean one up out of semi-obscurity. You can write him....J.B Smith, P.O. Box 2053, Konebodu, Papua-New Guinea.
Jim operated in the Solomons as VR4BJ just before Christmas. He made 700 QSOs with 106 countries though few W/K stations were logged. The VR $4 B J$ operation QSLs to F6CYI.
The Cocos-Keeling operation is looking good and you should be hearing Jim from there before the snow flies in Konedobu!
WALVIS BAY Though the stations in Walvis Bay are not being reported with any great frequency, they are on and ZSGANE is being reported by Red Hyed as being heard on twenty SSB recently.
Those who look at this one as a possible new one might note that documentation for Walvi's Bay as a possible 'new one' was shipped to the ARRL the last day in January. Do not look for any immediate action on this one, the point being that things are moving and it would seem that eventually something may come. As with a lot of things on the African scene these days, work them first and wait. And it may be for years.....and it may be forever. But the odds are that one day they will all be counters.
ZS3WBC should be: showing from Walvis Bay about March 1 st and he will operate for about a week. If you are looking for ZS6ANE, he usually has been found on the bottom of twenty phone afte2100Z.

ELEVEN SPCT LOUTE Actugily, they are active areas and all eleven were there on the day of this observation. On top of the multitude of active areas, five were showing eigns of restlessness and some events were........ possible. These were area $988,997,998,999$ and 1001. The total of the spots on this chart is104.


One of these days we will mun the explanation on how they figure sunspocs. It will be interesting. shotid you not have read it previously.
No. 991 has been an active area, this one fleared on February 2nd and 3rd. Region 1001 was being waiched as an E-type spoi, rather impressive and with a possible complex magnetic configuration. A bit
further on take a look at how the flux was flyinge.
Back there on the sou. h vank of the Potomac, N4XX is slili working the snow shovel and watanink for the first blue erocus of spring.
(yinistic as ever as the days grow longer, Ted is looking for a few ANs to interface(!) with the HNs but frowns when a few BNs and an IN slip in.
You know something, "interface" is not even Listed in our Wensters Collegiate Dictionary. The rapid pace of nodem communications is a marvel. We speak: but who understands?
Anytiow, getting back to the impruant things, Ted looks longingly towards Spring and says it will be, relaiively speaking:


## 4.

 Tin

F'ebruary 14th Figh b rer 21st High toral

$$
\mathrm{N} 30^{\circ}{ }^{1000}{ }_{\mathrm{W} 61^{\circ}} \quad 10 \mathrm{Spct}
$$

| 15 th |
| :---: |

ąnả High Normal
arna High Nomal $\quad 1001013$ spots 23 rd Above Normai $N 18^{\circ}$ E61 $1^{\circ} 310$ millionths 24 th Above..slipuing

$$
\begin{gathered}
\text { iN8. } \\
530^{\circ} \cdot 983^{\circ} \\
10 \text { spots } \\
170 \text { millionths }
\end{gathered}
$$

| S15 ${ }^{\circ}$ | $\begin{aligned} & \text { 960 } \\ & \text { w } \end{aligned}$ |  | 0 milliontrs |
| :---: | :---: | :---: | :---: |
| $\mathrm{N} 18^{\circ}$ | $\frac{992^{\circ}}{}$ |  | 3 spous <br> 0 millionths |
| \$27 ${ }^{\circ}$ | $E 8^{\circ}$ |  | 1 spots <br> 0 millionths |

$\$ 27^{\circ}{ }^{99} \mathrm{E}^{\circ}{ }^{\circ} \quad 10$ spots



$$
\begin{aligned}
& \mathrm{N} 18^{\circ}{ }^{1001}{ }_{\text {E } 61^{\circ}} \quad 13 \mathrm{spots} \\
& 310 \text { millionths }
\end{aligned}
$$

17 th High Normal 25 tin Below Normal.

$$
\begin{array}{lll}
\mathcal{E}^{\circ} & \begin{array}{l}
1002 \\
\text { S25 }
\end{array} & 6 \text { spots } \\
\text { W62 } & 30 \text { millio }
\end{array}
$$

$$
\begin{gathered}
\text { to Below } N_{0} \\
25 \text { th Below Normai }
\end{gathered} \$ 5^{\circ} \text { W } 62^{\circ} \quad 30 \text { millionths }
$$

18 th High Normal 26 th Low Nomal

19th High Normal
20 th Above Normal
Brace yourself: That storm that cane at the end of January may be back for the end of February. But while we worry about that, KSEC comes up with the figures for the chart-makers. "Blessed are the Chart Makers," Ev says, "for generally they know where they are going."

|  | Solar Flux | Ap Index |  |  | Solar Flux | Ap Index |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jan 30 th | 139 | 25 | Feb | 3rd | 169 | 11 |
| 31st | 140 | 18 |  | 4 th | 158 | 7 |
| Feb | 143 | 10 | 5 th | 164 | 13 |  |

The 90 -day mean for the Solar Flux is over 100, Some KHG nave been picking up VK TV audio on six meters.
Whe food Days of DXing are near. Check ten meters....and then see what comes this Fall. Almost unbelieveable!!

CHINA There was a lot of action out of China last week. Southerm Califomia found the beam heading about $105^{\circ}$ Some have speculated that the signals are bouncing out of the Puerto Rico area.
BYøSS was on twenty c.w., gave his handle as 'Tse' and indicated either Lanchow or Hangchow as the QTH. Then friend 'Fong' also got on a bit higher in frequency, again the same beam heading and both with $5 x 9$ signals.
While we are mired in the strange and exotic, there was C9MET last week, loud on the east coast, down to about a $5 \times 4$ in KH6. Then there was TW5DDO, again on twenty cw , and TW3EBX and both again out of the Caribbean area.
Scme have asked whether 'Slim' might be a subscriber to the bulletin. We Fave had the same worry ourselves. A couple of years back we got a subscription out of Mississippi with one whose handle was "Slim". After a couple of years he dropped out. We often suspected that he could not stand the reaction when he gave out 'Slim' as the handle.
Anyhow, work them first, worry later. And there are a few more peculiar calls noted recently that do not seem to vibrate just right. Slim Lives!!... and mostly on c.w.
TOKELAUS There was a recent ZM7 ops ration by Marty Maessen, 5W1AT, who signed ZMTAT again. For some reason there were no reports received on this one and the operation was over before any word drifted in.
However, all is not lost. Marty probably will be back in the Tokelaus in mid-April with Mike Metzger, ZMTMM and Rod Campbell, ZI 3FM for a ten to fourteen day stay and a six band operation. There probably will be more coming on tilis but it is rather firm.
SAIPAN Chip Margelli, K7JA, will be on from KG6\$W for the coning ARRL CW Test this weekend. Often heard with his speed-demon operating from KPLAST, Chip will be looking to hand out, a multitude of counters. QSLs will go to W7OM.
ASCENSION Also in the ARRL CW Test, Hillar Raamat, N6HR, will be sigming ZD8HR, Hillar being $90 \%$ sure last weekend that he would be there. QSLs go to N6HR, or in the older Call Books, WA6HRS.

IRAN/GUERNSEY Dale Jones, K5MM, will make these two spots for the first and second go-rounds of the ARRL DX Test...CW. This weekend he will be signing EP2EC and you can QSL him at Box $14 / 1652$, Tehran, Iran.
For the second-gomround, Dale will be in Guernsey signing GU5CIA. QSLs for this operation will go to N6MA, 1791 Hedon Circle, Camarillo, California 93010. The contest is only the start, Dale will be on Guernsey for at least six months and possibly as long as twelve.
SAN DIEGO/ORANGE COUNTY DX CLUBS The 9th Annual Joint Meeting of these two clubs will be next Friday, February 24th, at Marty's Valley Inn in Oceanside. This is almost right at the intersection of State Route 86 and Interstate 5 .
Reservations can be made by calling WA6FIT, Ron Cade at (714) 897 8059. Bill Snider, EP2SV/9D5A will be the guest speaker. Bill will be recounting some of the action at the Downtown Tehran DX Club.

## 14 February 1978

SHORTLY NOMED The last issue and then this one with the QSL sheet has thrown us a bit off our stride. We, too, are always looking for tomorrow to be a brighter day. It hardly ever is...
Some are asking about the Califormia DX Meeting in Visalia in less than two months. The last information came on that one about November of 1977. The address of the hotel is: Holiday Irn, 9000 Airport Drive, Visalia, Calif. 93277. You might write for a reservation just to make sure for the April $15 / 16$ th date. Accomodations are often the toughest part of the whole deal.

A6XB confirms that he has never made c.w. QSOs. On top of that, Sam reports to $K 1 D R N$ that he has heard someone working A6XB, referring to a recent A6XB QSO or, on one occasion, actually making list for A6XB. Sam says he has no intention of going on c.w. from A6 and any you run across are you know who-m UAE Slim.
The endorsement on the K6CO/5A submissions is: "Authorization in questionRule $7^{\prime \prime} . .$. and back they come. Hang on to them, however. Never throw anything away. Maybe one of these days our Don Miller from Heard Island will be good. After all we heard Don say: "There is our operating shack and there is Big Ben in the background."

Some are wondering about 9X5AE who said to QSL to W4CFO..... who says that he also worked the $9 \times 5 . .$. with the beam aimed west, but he knows nothing about any QSL chores.

Hans Dankerl who was SVØW/ on Rhodes for such a long time is back in the states. You can follow up on any QSLing by sending it to Hans at 12104 Blaketon, Upper Marlboro, Maryland 20870. K4MQG is handing the cards for 4S7JD. PYøZAE cards are still coming as Hal works the pile down. N4ZC was on from Midway after the Kure effort and the Wake plans definitely are off. Down in VP5 they want a look at your license now before issuing VP5 operating permission.

## 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


MLA-1200-\$399.50
AC-1200-\$159.50 DC-1200-\$199.50 same size as our Super Tuner (just $10^{\prime \prime} \mathrm{W} \times 61 / 4^{\prime \prime} \mathrm{H} \times 10^{\prime \prime} \mathrm{D}$ ), and weighs only 10 pounds! Twin outboard power supplies are available for AC or 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 opc ation.

- 80 thru 10 meters
- 1200 Watts PEP input on SSB
- 1000 Watts DC input on CW, RTTY, or SSTV
- Forced Air Cooling System
- AC or DC Oútboard Power Supplies (AC-1200, DC-1200)
- EIMAC 8875 external-anode ceramic/metal triode operating in grounded grid
(713) 6588021

DX HOT IINE
Call Don for a quote MADISON ELECTRONICS SUPPLY

Compiled by that Al.amo Amigo


| A2CBW | DK3KD |
| :---: | :---: |
| A6XN | DJ9Z3 |
| A7X.ZE | HB9MTJ |
| A7YXX | DC9NV |
| A9XCA | W2AYT |
| A9XK | K2NJ |
| A9XS | WB2QHQ |
| *A35DG | W7YEM |
| A35DP | WB7BB0 |
| C5AAP | G3LZZ |
| C6ABU | WめALF |
| C21AU | WA6AHF |
| C31JE | DL6PE |
| C31JR | F6DEE |
| C31KI | DL4KV |
| C31NB | F9AP |
| C31NK | PADBRO |
| C31NQ | F6CWB |
| C31NR | DL5kX |
| C31NT | HBDIMR |
| C310F | DCLKN |
| C310G | DF1KT |
| C310H | F6DNW |
| C3100 | DJ2SX |
| C310W | F6BI_Z |
| *CN8AD | F8JL |
| CN8HI | W2GHE |
| CT2BSA | WA8SVT |
| **CT3AF | W3HNK |
| CT3BQ | OZ1L0 |
| DU1发 | K2NJ |
| EL2AD | WLFOA |
| EL2FG | WA3NCP |
| EL2FY | JA1NSA |
| ELSEV | W3HNK |
| EL9D | VE3B0Z |
| EP2DD | K9YPW |
| EP2MS | W8CXS |
| EP2FI | G8JMC |
| *EP2RL | W3-HNK |
| EP2TT | JR3WRG |
| EP2TW | GI 3HXV |
| EP2YK | JG10FN |
| EQ2ITU | TK40D |



## 14．ébruaxy 1978

For every star that falls to earth a new one glows．
For every country tha：fades away，a new one grows．．．．． When things are not what they would seem You must keep following vour dream． So while my heart is still believing，I will say＂More！＂．．．．．


CT1XKA 28591／1600／Jan 28e CT1KV 28670／1740／Jen 29m CT1RM 28580／1430／Feb 3m CTLYG 28563／1730／Jan 29m CX7．JM 28594／2005／Jen 29m DMLCTI $28585 / 1500 /$ Feb 2m DJ6EA 28512／1720／Jan 29m DL8FL 28575／1540／Jan 29m ISøLYN 28558／1430／Feb 1m JA8DNV 28587／2345／Jan 28m

DF3KT 28042／1945／Feb 3m FLTDX 28042／1350／Feb 3m DK5TI 28032／1415／Feb 3m EA8MO 28050／1830／Jan 29e EI9J 28020／1655／Jan 29e FG7AM 28017／1945／Jan 31w FO8EX 28008／2215／Jan 28e G3UDA 28017／1715／Jan 7w
G3IFB 28017／1720／J3n 7w

EA3SA $28598 / 1535 / \mathrm{J}$ an 29 m EA6EW 27554／1350／Jan 29ve EA8OZ $28564 / 1745 / \mathrm{Feb}$ 1w EIgCV 28632／1620／Feb 2m EL2T $28522 / 1745 / \mathrm{Feb}$ ．5w G3TXL 28563／1545／Jan 28e G3VUM 28584／1450／Jan 25ive GJ4BSL $28542 / 1750 / \mathrm{J}$ an 28 Brit KMSFC $28544 / 2015 / J$ In 29e KVLCI $28584 / 1450 / \mathrm{J}$ an 25ve GI3AXI 28024／1545／Jan＜de GW4FXF 28025／1610／Jan 29e HB9KC 28038／1550／Jan 29e HGちEA 28005／1445／Jan 29e HZ1HZ 28012／1520／Feb 5e IT9LMK 28032／1415／Feb 3m J28AY 280L8／1355／Fel 3m JA8BEX 28010／2250／Jan 31w JA7GQZ 28031／0025／Jan 29m

GM5ARE 28585／1505／Feb 2m GU2HML 28626／1605／Feb 1m GW4NZ 28574／1535／Feb 1m HC2HX 28567／2130／Jan 29e HI8RNC 28660／1610／Jan 29e HZ1HZ 28567／1625／Feb 3m I2RR 28598／1355／Jan 29e I6XSL 28520／1725／Jan 29e LA7MU 28520／1735／Jan 29ve OH5LU 28520／1705／Jan 29ve ON5KD 28038／1545／J an 29m SMゆGMG 28032／1435／Feb 3mi SF2ZT $28032 / 1440 / \mathrm{Feb} 3 \mathrm{~m}$ UA6LDQ 28043／1345／Feb 3n UA3LAB 28032／1420／Feb 3n VK 3 MJ $28030 / 2130 / \mathrm{Jan} 29 \epsilon$ VP2MDH 28032／1515／Feb 5e ZL1SJ．28025／2000／Jan 28 e ZL1AMO 28026／2225／Jan 28e

ON5N＇ $28545 / 1540 / \mathrm{Jan} 28 \mathrm{e}$ PJ2AAX 28554／1345／Jan 29ve PZ1AE 28571／1345／Jan 29ve VK3AMD 28614／2330／Jen 29m VP8PE 28584／1925／Jan 29m VRLCW／TN8 $28544 / 18053 e$ ZL1BI 28545／2150／Jan 29e ZL1DH 28505／1920／Jan 29ve ZS6BNG 28495／1400／Jan 29ve 6Y5DA 28605／2240／Jan 29m 2SGMO 28028／1900／Jan 29e 9H1CH 28038／1505／Jan 29e 9．J2WR 28010／2005／Jan 29e

6W8EX 1400L／2135／Jan 29e 6W8ARD 21032／1905／Jan 29e 9J2B0 14034／0630／Jan 29ep


| FR7NF | $14017 / 0315 / \mathrm{Jan} 29 \mathrm{ep}$ |
| :--- | :--- |
| J28AY | $1410 / 1945 / \mathrm{Jan} 28 \mathrm{e}$ |
| J28AG | $14037 / 2300 / \mathrm{Feb} \quad 4 \mathrm{e}$ |
| TR8BJ | $14053 / 2345 / \mathrm{Feb} 1 \mathrm{~m}$ |
| TR8RG | $21041 / 2045 / \mathrm{Jan} 29 \mathrm{w}$ |

IUTCK 21039／1900／Jan 29e 2D8W 14045／2230／Jan 28e ZE8JJ 14039／2030／Jan 29e 2S5A 14038／1510／Jan 29w ZS5A 21024／1505／Jan 30e

| TU2AK | ，205／2230／Jan |
| :---: | :---: |
| TR8RC | 21275／2045／Jan |
| ZD7SS | 14202／2135／Feb |
| 2D8RP | 14204／2055／Jan 31w |
| 2 D 8 BR | 21260／2220／Jan 29w |
| ZD9GG | 14245／2200／Feb 2w |
| 2E6JL | 21355／1910／Jan |
| 2S2VR | 14209／1530／Feb |
| ZS2MI | 21320／1800／Jan 29 |

WD9FCL．／VR9 14207／0405 28w ZS2PZ 14225／1220／Jan 31w
it 2 s3c $14213 / 2115 / \operatorname{Jan} 29 e$ ZS3LK $14222 / 2130 / \mathrm{Teb} \quad 2 \mathrm{~m}$ ZSSANE／ZE53 14201／1900－5m ZS6AK 14212／1625／Jan 31e 3B8DA 14218／0330／Feb 3m 3D6BP 21310／1830／Jan 29e 5B7AS 21312／2110／Jan 29e

| 5H3BP | $21268 / 2020 / \mathrm{Feb}$ | 2 w |
| :--- | :--- | :--- |
| 5V7AS | $21312 / 2110 / \mathrm{Jan}$ | 29 w |
| 5T5GJ | $21454 / 2105 / \mathrm{Feb}$ | 2 m |
| 9G1RQ | $14211 / 2105 / \mathrm{Jan}$ | 31 e |
| 7X2AB | $14218 / 2150 / \mathrm{Feb}$ | 2 m |
| 9G1KP | $14209 / 2200 / \mathrm{Jan}$ | 31 e |
| 9G1MB | $14222 / 0200 / \mathrm{Feb}$ | 2 w |
| 9．J2FC | $14208 / 2120 / \mathrm{Feb}$ | 3 m |
| 9L1SE | $14207 / 2320 / \mathrm{Jam}$ | 31 e |

ASIA CW

| 2 N | an |
| :---: | :---: |
| BYOSS | 14019／1700／Feb |
| BYOSF | 14035／0140／Feb |
| EP2IA | 14025／1450／Feb |
| FP2IA | 14032／0410／Feb |
| HM2 JN | 14032／0100／Jan |
| HM2KH | 14051／0340／Feb |
| HS9FK | 14029／1700／Feb |
| UA9LBM | 14034／0125／Jan 29 |
| UA¢OJ | 14036／0120／Jan 29e |
|  |  |

UJ8JCA 14025／0245／0がten UK7GAA 14023／0320／Feb 7w UK71MAG 14034／0330／Feb 5w UK7TAD 14033／0305／Feb 7w UK8AAA $14028 / 0435 / \mathrm{Feb} \quad 4 w$ UK9AAN 1404／4／0130／Feb 2w UK9ADY 14017／1500／Jan 30e UK9YAZ 14023／0220／Jan 31w UL7HID 14027／0340／Feb 3w UL7JCA 14040／0355／Feb 4w Uh7TaK 14027／0235／Feb 4w

ULTPAZ 14032／0320／Feb 3w UM8MAJ 14018／0．350／Jan 28ep VU2MCX 14037／0210／Feb 2w VU2CP $14029 / 0215 / \mathrm{Feb} 5 \mathrm{w}$ Vu2XX 14212／1310／Jan 29e\＃ VU2GO 14040／1330／Jan 29e\＃ VU2TS 14030／1730／Feb 3w 424DX 14027／1620／Feb 1w LXUNJ 1402L／1640／Feb Lw 9M2NW $14008 / 1650 / \mathrm{Feb}$ Lw

ASIA SSB
AP5HQ 14219／1310／Jan 28e\＃ AP2KS 14205／1315／Jan 28e\＃ A9XCC $14206 / 1645 / \operatorname{Jan} 28 \mathrm{w}$ EP2RL 14216／0355／Feb Lw EP2DO 14202／1420／Jan 31m\＃ EP2DD 14208．1330／Feb 2m\＃ HS1ALC 14210／1500／Jan 31m
HZ1AB 14204／1450／Jan 31m\＃

TD6DLI 14040／1315／Jan 31e UG6GAF 14025／1530／Jan 27w JG6GAE 14004／1410／Feb 3 w UH8CW 14027／0420／Jan 28W UH8HBR 14037／1450／Jan 27e UH8BU 14037／1255／Jan 29e UI8ADN 14017／0335／Feb 4w UI8ACF 14038／0335／Jan 29w UJ8AF 14027／0415／Jan 28ep UJ8JCQ 14047／0400／Jan 28ep UJ8BQ 14033／0355／Jan 28ep

JY3ZH 14202／1335／Feb 2m\＃ JY5सH 14205／1415／Feb 1I\＃\＃ JY9VK 14206／1350／Feb 2e JY9DI 14250／1410／Jan 27w\＃ UF6VAG 14210／1420／Jan 31m\＃ UKFILAZ 14212／1325／Feb 3w UK7LA표 $14217 / 0350 / \mathrm{Jan} 31 \mathrm{e}$ UKSCAE 14205／1255／Jan 30e

UH8HAI 14210／1400／Jan 27w UKGADT 14203／1440／Jan 31m\＃ UK9CAE 14205／1255／Jan 30e UK $\varnothing$ AAB 14227／2210／Jan 31e UM8MBW 14211／0245／Feb 1e VU2JNA $14221 / 1525 / \mathrm{Feb} 1 e$ VT2XX 14209／1315／Jan 31e

VJ2KV 14210／0140／Feb 2m VU2RAN $14218 / 0200 / \mathrm{Feb} 2 \mathrm{~m}$ LXZNW．14225／1530／Jan 27w\＃ 9K2EW 14215／1415／Feb 1m\＃ 9K2FF 14202／1440／Feb 2m\＃ 9K2AN 14225／1405／Jan 28e\＃ 9N1MM 14209／0135／Jan 29m 9N1ITFO 14202／0320／Jan 29e

A feeling of sadness and longing， That is not akin to pain， And resembles sorrow only， I missed that one again．．．．．．

EUROPE CW
DTLIFM 14014／1825／Feb 3w EATTL 14028／0100／Feb 1w GD4AM 21025／1730／Feb 2w ISめWJS 14005／2030／Jan 30w JWLEJ 14064／2110／Jan 26w JW9JV 14020／1415／Feb 3w LALIZC 21020／1510／Jan 28e LA6KT $14028 / 0005 / \mathrm{Feb} \quad 2 \mathrm{w}$

## EUROPE SSB

CTLIM 14230／1040／Jan 29 e GB3SID 21353／1745／Feb 3w I8MPO 14215／1445／Jan 31m\＃ LZ2RF 14218／1445／Jan 28m ELSEWHERES CW

A35AK 14026／0130／Jan 31Iㅡㄴ CG6AQP 14057／0140／Feb 3w C03BU 14041／2030／Feb $2 e$ CO5DM 14043／0315／Feb 1w CX9CT 14043／0315／Feb 1w KめAX／DU2 14035／1335 2e FG7AM 21027／2240／Feb 2w ELSEWFERES SSB
C21AB 14202／0515／Jan 29e KCLAAC 14229／0200／Feb 1m KCLUSB 14340／0500／Feb $1 e$ KM6BI 14222／0400／Feb 3w LOW BAND LOUIE

CO2JA 3796／0630／Jan 28e DJ6BG 3798／1415／Jan 24 ma DMLUI $3504 / 0200 / \mathrm{Jan} 28 \beta$ LA7Y゙／EA8 3526／0605 1m EILDA 3798／0025／Jan 24m理甲 CO 00 3523／0320／Jan 28m GI5UR 3501／0200／Jan 24 e HA5KKK．3503／0140／Jan 23e
CEDAE 7008／0605／Jan 25w CEDAG 7004／0435／Jan 30e CO5DM 7003／0210／Feb 2w C07AM 7044／0015／Jan 31m EA1F＇D 7015／0215／Jan 23e EA2NF 7028／0015／Feb 2m EA2OP 7028／0030／Feb 2 m EA7ANL 7029／0115／Feb 2m EATVD 7027／0050／Jan 31m FMøCOO 7003／0125／Jan 28w

LX1ML 14036／2230／Feb 4 e IZ1фøJF $14008 / 1625 / \mathrm{Fb} 6 \mathrm{w}$ LZ1øøWF 14013／1510／Fo 3 w LZ1øøKEF 21016／1520 3w OE5GD 14017／1620／Jan 30w OY3 $14004 / 2115 / \mathrm{Feb}$ 1w SP9KRT 14025／1515／Feb $2 e$ SP5AOQ $14003 / 1620 / \mathrm{Feb} 6 \mathrm{w}$

SL2AD 14025 2300／Jan 30w SV1BL 21040／1555／Feb 2e TF3CW 21042／1805／Jan 31e TF5TP $14031 / 2350 / \mathrm{Feb}$ 1m UA3ST 14012／1430／Jan 27e UA1CY 21045／1440／Jan 30e UC2LO 14012／1425／Jan 27e UK2GD2 14015／1700／Feb 2w

UK5XBA 14040／1345／Jan 29e UR2QA 14030／1645／Feb 4 w OW6NU 14012／1425／Jan 27e YU1QBC 14021／1635／Jan 30w yш2RO $14016 / 1635 / \mathrm{Feb}$ Lw DL1RK／3A 14026／1705 30e 9HLL $21069 / 1625 / \mathrm{Jan} 31 e$ 9H1CH 21032／1830／Jan 30m

OH末NA $14224 / 1340 / \mathrm{Feb} 2 \mathrm{~m} \mathrm{\#}$ UK5TAE 14206／1430／Feb 2m\＃YU2NFJ 14201／1520／Jan 28 m
 SV1HH 14209／1535／Jan 27wit ETH6DO：14205／1410／Jan 31m\＃9H1EU 14208／1515／Feb 1e UA6PD 21314／1320／Jan 29e UV5WE 14216／1620／Jan 28m

FG？AN $14010 / 2315 / \mathrm{Jan} 28 \mathrm{w}$ FGTXJ 14023／1515／Jan 28e FK8CL 14007／0515／Jan 29e FO8FF 14034／0530／Jan 29e F08EX 21015／2130／Jan 28w FP8BL 14001／0145／Jan 29w FPMAV 21016／1500／Jan 28e

## HH2MC 14170／1150／Feb 2m KG6JIH 21040／2240／Jan 27w kM 6 BI $21033 / 2150 / J$ an $29 e$ OX3AX 14025／2040／Jan 27w PS7SA 14008／0155／Feb 3w PYøAC 21030／2230／Feb 1w VP2S\％ $14025 / 1510 / \mathrm{Feb}$ iw

VP8AI．14015／0240／Feb 7w YBø ACT 14026／1315／Jan 31e VE3FEW／ZK1 21025／2250 29e ZP5AO 14038／0055／Feb 1m 3D2EP 21030／2350／Jan 31m 8P6AF 14175／9035／Jan 24m

KMGFC．14236／0310／Jan 30w PJLCR 14219／2325／Jan 31e VP2VH 21273／1340／Jan 28e
VP2MEB 21290／1550／Feb te

TP2VEH 21280／1850／Jan 27w VP2MDA $21280 / 2330 / \mathrm{Feb} 1 \mathrm{~m}$ VP5BD 14208／0145／Jan 28e VP8PE，21384／2215／Feb 1w

VK7AE 14202／1515／Jan 29m VP8PP 14208／0200／Jan 30w YBDABI 14219／1400／Jan 29e\＃ YJ8GH 14219／1335／Jan 30e

> VC7：I 3790／0515／Jan 28w VP2MDH 3808／0900／Feb 7w VR2W1 3799／0．325／Jan 250 LU1IUU 3525／0655／Jan 28e 424 TS 3777／0335／Jan 25 e DL1FM／3A 3523／0610 1m 8R1AG 3808／0900／Feo 7w 9K2DR 3799／0325／Jan 25e ZDTBW 7013／0310／Jan 27w 2D8TM 7020／0600／Jan 29m 2E3JO 7015／0430／Jan 29w ZL2IC 7008／0750／Jan 27e ZF2AI 7031／0430／Jan 27 e ZS5A 7006／0230／Jan 30w ZS6ANN 7026／0010／Jan 31m H5FXT 7005／0620／Jan 29e
（e＝easiem states $\mathbb{I}=$ middle states $w=$ westem reaches $k a=$ okinawa ep $=$ iran etc．\＃＝long path ） （all times in gmt ？？＝Slim．．．．recently active from China to the Madagascar Channel．Always with a pile－up）

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BERMUDA TEST

About March 20th. Prepare!!
YVØAA about March 22nd!!!
TI9CA reported for about March 24 th!!!!
YUs firm in saying sometime between Feb 17th and Mar 1st.
Still coming!!
KG65W by K7JA in ARRU CW Test this weekend
ZD8HR by N6HR in the ARRL CW Test.
GU6CIA in second-go-round of ARRL CW Test..Mar 18/19th
Mid-April by 5W1AT and friends
March 25/26th
Second-go.... March $4 / 5$ th
Second-go.... March 18/19th
ZS3WBC for a week's operation from March Ist
Apparently still on but no late word....nothing!
Next weekend.... Febmuary 25/26th
March $11 / 12$ th
March $11 / 12$ th
April 1/2nd
Apr 22/23rd. A sase to K3DH $w / 24 \%$ postage for details

There definitely appears to be a number of blockmbusters moving in on us and if Clipperton and Iraq both show in the coming months, most will have to agree that the Great Days of DXing are with us. Get the antennas ready.....work them alll

On that BV2B i.tem and the pari about green stamps being no good, some have noted that this has not been their experience, noting instances of Tim sending back the excess over the postage in IRCs. After a week of ricochets on this one, the feeling is that while Taiwan stamps are good, a green stamp also seems to work.


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SOME WRAP－UP NOTES If all the operations slated for late March all get on the air at the same time，there may have to be a traffic cop to direct the action．Clipperton is aimed for that period，YVめAA on Aves aiso during the last part of March，after March 20 th and now there is a report that TIGCF may be activated again by the TI－amateus about March 24 th．
However，no one is complaining．The YVøAA effort which has a landing date estimated at March 22nd，will have a IL in the operating crew．；
 for another＇new one＇．This because，of the separawion from the other portions of thet divided country．Shows how you should work everything． ZSLPB is reported to have applied for a H5 license after determining that a portion of his property is within Bophuthatswana．One thing for sure，you have to keep up the practice in spelling Bopihuthatswana or you lose your louch．fust like high－speed c．w．

Getting back to ZSLPB，he advises via WLPZV that for the next month or so he will be at $1812 k c$ just about most days from $0345 Z$ to $0415 Z$ ．He has been working into the East Coast working the 1 st through $4 s$ and even KøIF．He is using an inverted－Vee， $270^{\prime}$ high at center and with legs about 2000＇long．

W4PZV along with a few others are often running a list for ZDgGG on Gough on a Mon／Tues／Tnurs／Friday schedule． Look for the action arourd 1424lke from 2030Z．QSLs for this ZD9GG go to ZS1Z，P．0．Box 341，Paarl；7620 South Africa：

TINX to W1AM，K1DRN，W1MV，N1RI，W1VV，W2FP，WB2RLK／VE1，K2VC，W30DJ，W3YX，WB4FOT，WBLKZG，W4ZCL，W4LVM，WLOTNN， WLPZV，W4QDP，WLUF，NLWX，N4XX，KLYT，WLZR，K5DB，N5DD，K5Ci，W5OSJ，K5OVC，K5TSQ，K5WS，N5UR，K6EC，N6EM， WA6FIT，N6TR，K6JG，W6KPC，K6LAE，W6PN，W6PT，W6RTN，WA6TTLA，W6TSQ，K6XP，K6XT，K6UPT，WB6YDT，WB6ZUC， W7LR，N7MW，W7OM，N7UT，W8GKM，W8GZ，K8IP，K8RD，W9SS，W9TKV，K9UIY，KøKES，KぬLST，KA6PS，KH6BZF，KPLAM， KV4FZ，DJ9ZB，DLTET，EP2VW，JH1MCX，PP2EC，P29JS，

WEST COAST DX BULETIN Published every week by the Marin County DX Group．One of the local QRPers came by last woek and we both kept our feet high and dry while another front swept in from the Pacific and soaked the hills． ＂Things pres sure changing in Amateur Radio，＂the QRPer said，＂and it looks as though there will be a lot more changes coming．＂We had to agree for we had noticed the direction of the recent trends．＂And in DXing，too．＂ We added．The QRPer though this ovem for a bit and then was ready with his next question．＂I am curious，＂he said． true－ble types like we have now？Do you？＂We had to mull this one over for lately we have been bothered by
2）＂nagging doubt that will not go away．＂Well，＂we said cautiously；＂we really are not sure．But we have noted that we are getting an awful lot of doctors on the subscription lists．This by itself was not a worry until we started to note that most of them were psychiatrisis．Then some of the Psychology Departments at universities around the country starting making inquiries．And last week we even got a note from a JA psychologist．We wonder if some sort of a word is out．＂The QRPer was quiet for a bit and even he was getting a bit cautious in his questions．＂Do you think that maybe they are looking for something in DXers？＂he，asked；＂Or maybe the new ones cominguin？＂We nodded at this，perhaps a trifle too quickly，for we were feeling some concern on the trend of the questions．And the doubt that we could not shake，the doubt was back and we could not decide whether it was them．．．．．or us．Them．．．．or us！And while we we contemplate why DX seems to be getting so much attention from the analysts，we will throw you a full year of DX curves for your own domit－yourself DX encounter session． $\$ 14.00$ brincief will all the perplexing shadows and formless doubts by ：econd－class mail in the U．S．for a full year．\＄18，00 tripléa it off the couch and down the dawn path by first－class mail to the U．S／XE／VE areas．And $\$ 20.00$ tekes it into the flames of tomorrows dawn to all the DX lands，far down the edge of tomorrow．Come，

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