## 

$\underset{\text { January }}{+}+\underset{+}{+} \quad \underset{+}{+}$
IACCADIVES The Bangladore Radio Club has named January 15 th as the day they expect to open from the Laccadives and their plans are to operate for a week or to about January 22nd.
The group is plaming to work all bands and both c.w. and SSB. Included in the group aiming for the VU4ARC operation in two weeks from now axe VU2GU, VU2IS, VU2RM, VU2GO, VJ2WP, VU2JW, VJ2RQ, VU2DK and possibly one or two more。
The frequencies that the group plans to use are:

| CW: | 3895 kHz | 7010 kHz | 14050 kHz | 21050 kHz | 28050 kHz |
| ---: | :--- | :--- | :--- | :--- | :--- |
| SSB: | 3895 kHz | 7090 kHz | 14250 kHz | 21250 kHz | 28600 kHz |

If you wonder about the c.w and SSB frequency for seventy-five meters being the same, so did we. But that was the way it was given.
The group appears to be oiming at one of the northem islands in the group. Any of the possible hurdles to the operation appear to have been handled and last week the word was that they were looking to open up in mid-January.
There is little information on the other authorizations issued by New Delhi. If you hear a Laccadives pile-up, make sure you identify the callsign. Phere is always the possibility of one of the other authorizations making the mun and even of more than one station showing during January. However, at the turn into the New Year, it is the Bangladore Radio Club which is announcing solid plans and you can listen for them in a bit over a week from now.
BHODES Franz Langner, DJ9\%B, will be heard this Friday from Rhodes and will be there for five days. Franz will be watching for the Deserving and will work both cow. and SSB. A week back he was figuring to uge the call sV1JH though there was a possibility for the special call-sign of J4JH.

CW: 25 kHz up from the lower band edge......ten through eighty.
SSB: $\quad 3795 \mathrm{kHz} 7085 \mathrm{kHz} \quad 14195 \mathrm{kHz} 21295 \mathrm{kHz} \quad 28595 \mathrm{kHz} \ldots . .1$ istening five to ten up.
QSL to Franz' home QUH. ......Carl Kistner Str. 19, D 7800 Freiburg, West Germany. Sase or Sae/IRC needed.
COIVINS The Colvins plan to secure their Grand Cayman run this week and move over to the mainland of Central America. This coming weeking they will start another Im from Costa Rica and expect to have a TI3- callsign.
Lloyd and Iris expect to be in Costa Rica for about a month and will be active mogt days. Those who are looking for forty meter action should look for them at 7001 kHz two or three nights a week. They do not always operate on the same night of the week so you will have to be alert. QSLs go to YasMe,
ANDAMANS P29JS is looking at a possible Andaman operation sometime this Spring, Februaxy and March being mentioned as possibilities. Jim is talking about it and something may develop.
Right now he is looking for documents and authorizations. One of the initial steps will have to be a VJ2-license, the possibilities for entering the Andamans for amateur radio activity without a VO2-license might be a bit difficult.
Right now Jim is working on things. More will be coming on this one.
SPRATLY VKs advise that the plans for Spratly are still on track and the vessel has been cleaxed to enter and operate from Brunei, this being the jump-off spot for a visit to the island group.
The plen is to use again the vessel that took them to Mellish Reef. The dates on this one are not set though they are planning for something before the middle of 1979 , by June the monsoon in the China Sea will be an increasing problem.
There will be more on this in the coming weeks. Logistics in these efforts are always formidable.
DESECHEO As of the close of business on December 24th, WiGNC had not received the logs for the Wgix/Desecheo operation. First we rush forward, then backwards. As this comes right from John Nelson himself, it has to be the authorative word.
KVLKV/Desecheo QSLa continue to arrive. Many are reporting them.

SUNSPOT LOUTE We mun the route with only a partial input this week but we are right in there with the essentials for the Big Picture! W6RQ pierces the winter fog to count the spots and the count is good.
Things are always a bit out of syno with the year-end holidayis and we should be getting things back on the regular track once we get beyond the New Year. On this date the observation showed something like a 145 sunspot count and Dr. Waldemar expects that the good days will continue to be around for awhile yet.
A bit further down the page fou will note that N4XX figures that the goot times will continue into the fiest week of January but INs stant showing again in mid-January.
However, all of this is relatide and must be held up against expected or nopmal conditr ions and if you read the newly issued book on Shortwave Propagation you will know all the angwers before anyone gets a chance to ask the questions. On Two Meters it is the erudite DXer that they listen to!!
And with things holding up well over New Years, it is hard at/this point to figure whether Ted is peering into the eastern dawn looking for the morning flux, an early groundhog or a sign of Spring and the first crocus blooming in the snow. All of these will come, eventually, but for now Ted says to watch for-

| January 2 nd | Above Normal |
| ---: | :--- |
| 3 rd | Above Normal |
| 4th | Above Normal |
| 5 th | Above Normal |
| 6 th | Above Normal |
| 7 th | Above Normal |
| 8 th | Above Normal |

January 9th Above Normal....slipping to
Low Normal
10th Low Normal
11th Low Normal
12th Low Normal

All is not lost and the HNs and ANs will return. You can get an idea of the return by listening to WWV at 18 minutes after the hour. Down in the border country K6EC: listens every hour to the report and Ev says that it was something to wait for as most days the $D \mathrm{X}$ is good, some days better and even on some days absolutely unbelieveable. But enough of that, let us look at the record!

|  | Solar Flux | Ap Index | Solar Flux Ap Inde |  |  |
| ---: | :---: | :---: | :---: | :---: | :---: |
| Dec 18 th | 167 | 32 | Dec 22nd | 137 | 18 |
| 19th | 159 | 25 | 23 nd | 138 | 9 |
| 20th | 143 | 18 | 24 th | 143 | 10 |
| 21st | 143 | 8 |  |  |  |



## West Coast DX Bulletin

2 January 1979
5Z4ERR ER Robson of Nairobi became a Silent Key last week, the word coming Friday that Robbie had passed from the scene.
Those with long memories will recall Robbie and his activity from East Africa some years back. In recent years he has not been quite as active but maintained his long interest in amateur radio.
CARIBBEAN There are a couple of efforts coming in the next couple of months which will activate a number of various call-signs in the Caribbean.
First, W $\phi \mathrm{SH}$, Gary Liljegren and K $\overline{\mathrm{XDD}}$, Bert Iannone, will be in VP2M-Montserrat from February 13th to 19 th and will be doing a good bit of operating including lots of c.w. Bande "will mostly be the ten to forty span.

Look for them on c.w. about 15 kHz up. from the bottom of the band. There will be more information including the calls before they depart. The plan is to work the novice bands a good deal of the time to bring a semi-rare one into that area.
Chod Harris, WB2CHO, who was in Africa last Fall for the CQ WW Test, will be traveling extensively in the Caxib country during the next several manths and aims to set up a permanent base on Montserrat.
First, during the CQ WW Test Chod worked in the crew establishing a new multi-single record for Africa from 9L1CA, running up 7.4 million points. This top the previous record, also held by Chod from 6W8MM but they fear it was not quite as much as was totaled by HH2CQ or RF6F. Anyhow, this one QSLs to WA3NCP if you worked it and the operators were 9L1CA, 9L1CB, 9L1KB, 9L1WS, HL2EU and WB2CHO.
Later this month Chod will be in VP5-Turks \& Caicos from January 28-30th. He will show from 8P6-Barbados February 1st and 2nd and then move a bit north to VP2S-St.Vincent for a week's operation from February 2nd to 10 th.
The concentration will be on the low frequencies, One-Sixty to Forty during these stops though some high frequency work will be done. If you are looking for cextain bands at any of these stops, Chod says to catch him in mid-flight during any of his operations and when possible he will make amrangements with you.
In April Chod will be at Montserrat where he holds the call VP2MAY. He will establish some permanent moorings at Montserrat and plans to put up a 5-element quad, a 2-element quad for forty and three complete stations in all for contest and other exciting ventures. Chod will be home in Montserrat sometime after April。 His plans also call for trips to VP1-Belize, PZ-Surinam and 8R-Guyana, possibly in March, and also possibly TIF/HBф/3A and some others in Europe. QSL to WA1SQB.....CB address, SASE or SAE/IRC. This is another of Chod's calls, he also holds C5AAQ in addition to the others mentioned.
BURMA Some have mentioned hearing a/XZ on c.w. recently, the news bring joy to some who wait impatiently for Bouvet. If Bouvet comes, can Burma be far behind? Apparently it may be a bit further than many might wish.
The SEAsia Desk reports that the brother of one of the curren XZ-licensees was visiting in a neighboring cauntry recently and confirmed that as long as the present regime is in power, there is no hope for amateur radio. This even though the Compnications Ministry itself apparently is in favor of it.
Some of the incidents within Burma apparently have made the subject a bit sensitive, perhaps more at some times than others. A story is recounted that in Burma a high-level
type from the well-known Eastern Burope area was detected with a radio-transmitter built into a coffee-can.....and!!....a copy of the ARRL's Radio Amateurs Handbook describing how to build the rig. That apparently did it for now.
And those/XZ2s? Well, it might be Rangood Slim? And probably is, located there on the banks of the Irrawaddy and looking lazy at the sea.


BOUVET 3Y-Bouvet showed last week, everyone was wait ing to jump in and work the rare one, most everyone tried when they were on SSB. Few did.

Last week they were at 14299 kHz and saying that while they were on the island, the weather was a bit on the fierce side and they were operating with an improvised antenna. The beam was with them but it was not the time to try to put it up.
There was also a report that the station was on c.w., it being reported at 14028 kHz after 1300 Z by the JAs, also at 14012 kHz working into the states. There was a feeling that this might be Bouvet Slim as it was indicated that the warm-up activity did not include c.w. However, by the time this gets to you, things will have changed. .... they seem to be doing just that last week......on the hour.
The initial SSB activity was transceive. At times it was the model IX caucus....everyone calling, no one listening. They should be there for a couple months.
IRAQ YI1BGD continues to show on twenty most mornings and many report that the signal definitely is improved. Apparently they are using something besides the origincl ATHAS rig, some say it is the FMI-101, others that it is the FTDX-560,
Mention has been made that they may try some other bands and there is even some exploratory talk about establishing a second YI-station in another city in Iraq. Red Eyed Louis has been listing YI1BGD every day it is reported to establish the pattern of open ating. It is getting to be rather definite.
CLUB SCENE There are always those who do the work in any club and especially DX Clubs. We have more to list as holders of the reins and here they are-
NATIONAL CAPITOL DX ASSN

| President: | Bob Thames, K3RT |
| :--- | :--- |
| Vice-prex: | Pete Huber K3ZR |
| Secretary | Burt Cohen W3GG |
| Treasurer | Dick Vincent, K3AO |

Also newly minted are:
WIESTEFRN WASHITNGTON DX CLUB (Over 400 members!)

| President | Tom Owens K7RI |
| :--- | :--- |
| Vice-prex: | Mike Lamb NTML |
| Secretary | Sam Rubin, WBTFHF |
| Trea\$urer | Gerry Johnson K7YDO |
| ALAMOS DX AMIGOS |  |
| President |  |
| Vice-prex | Bruce Woodard W50SJ |
| Secretary | Merwin King W5IUU |
| Treasurer | Dan DeLay DeLay WA5GZO |
|  |  |

TEXAS DX SOCIETY

| President | C E Sharp K5DX |
| :--- | :--- |
| Vice-prex | Jan Carman K5MA |
| Secty-Treas | John Stevens K5JS |
| Directors: | Richard King K5NA |
|  | Tom Lay $A A 5 Y$ |
|  | Al Loeckle K5BZU |
|  | Tom Taormina K5RC |



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*     *         *             *                 *                     *                         *                             *                                 *                                     *                                         *                                             *                                                 *                                                     *                                                         *                                                             *                                                                 *                                                                     * 

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for "1/2 off" closeout list

West Coast DX Bulletin January 2, 1979


SHORNI NOMAD We have the whole W/K call-area needed list cranked out by W1AM at the Great DX Computer and it will take a half-acre or so to print it. It is extensive. We want to run the whole thing at once and this may tum out to be an interesting project. The whole thing will involve over 6000 entries and we probably will back up a bit to make a run at it.
Also, with the turn into 1979 we have cut out first-class subscriptions in the lower forty-eight. The second-class mailings are well over the 1500 -copy mark each week and the complex preparations.....we run three different back sheets.....plus the putting on of stamps is running us out of clock time. Many will scream that they have bad luck with ©ST which comes second-class. We have explained the difference between 'periodicals' and 'newspapers' a number of times that it should be clear but often is not. To put it bluntly, QST goes with the junk mail, the WCDXB goes with priority (first-class) mail. However, our mind is made up, the jew rock-hard in determination and if you remit on your subscription more than the second-class rate, there will be a 'service and handling' charge and you will still get second-class/newspaper treatment. And that's the message of cheer for the New Year! Even at this it will take a year to get things straightened out。
Up in the Michigan Country, the November meeting of the Michigan DX Association had the presentation to VABMOA the first 'Michigan DX Plaque' for his efforts in the recent VK9ZR Mellish effort. 9X5AL is being found under some big pile-ups.......21350kEz at 1900Z. The handle is Roland and QSLs go to SM5IB.
HD5ME was used by the HC5s until the end of December.....actually the HC5s in Cuenca and was to mark the 20th Anniversary of the Cuenca Radio Club and the club station, HC5CRC. HDpe goos to K8LJG. HC5NF was on from / 4 in Ecuador and for WPX this looks like HD4. Any of the HCSHE operations as /4 go to K8IJG/WABIDY. This also goes for HDSEA.
Down in the Oklahoma Territory the Feds raided an 'electronics lab' and seized $\$ 200 \mathrm{~K}$ in citizen band linear amplifiers. Some 440 of the items was seized at Brewer Labs in Porter, Oklahoma according to the Associated Press. The item said the linears significantly increase TVI.
KGDN two years back dropped a line to Box 88 on the non-reçeipt of those UG5\%s QSLs.... there were other prefixes. Anyhow, two years later here come via the bureau cards for
 at the SEANet Convention in Singapore a month or so back and found about 150 Deserving types in attendance. Also there were KGMG/W6JUG/W6IQ/W6TXL/WALYUG/W5SQE plus a few more. From other places were $4 \times 4 / 9 M 2 / 9 M 6 / 9 N 1 / 9 V 1 / A 4 X / B V 2 / D U / H S / J A / L J / S M / V K / V S 5 / V S 6 / Y B ~ e t c . ~$
J28AY at times causes some brow-fumowing on QSLing. It goes to F6ETO and don't trust the 1978 Call Book.....but instead try: Marc Bourgz, Ancignne Poste, Chaniers-Le Bourg, 1761ф Chaniers, FRANCE. The direct route is to: SP $85 \neq 38$ Djibouti.
Serrana Bank is close and next week we run the frequencies. Fred Laun at HS1ABD says that the QSLing situation should catoh up with reality real soon as 10K cards were received from the printer. K3DST worked through the Christmas and New Years weekends catching up with some of the demend. Cards for Chester's HS-operations are being shipped to W1YRC. If you want HS on the low bands, watch for ES1ABD from 12002 at or about 3517 kHz . Fred has heard two-land, worked NSWV in New Mexico but is looking for more.

Where there's a will, there's not always a way.

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West Coast DX Bulletin
2 Januery 1979

## BEPPORTS HROM RED EYED LOUIE

Only my day is dim,
Only I long for them,
Where is my DX today?

| CT2SH | 3793/0815/Dec 19w |
| :---: | :---: |
| HR2FP | 3798/1200/Dec 22w |
| I2AG | 2799/0315/Dee 20e |
| KLTAF | 2789/0605/Dec 18w |
| CO5PN | 7052/0345/Dec 24e |
| CTzalo | 7006/0030/Dec 17m |
| cxavk | 7010/2345/Deo 22e |
| DY2Y80 | 7012/2315/Dec 13m |
|  | J2 7002/1245 14m |
| FGфAY | 7010/1215/Dec 29e |
| HB9EP | 7007/0020/Dec 19m |
| HB9ADQ | 7004/2325/Dec 22e |
| WA¢NCR/ | HC1 7010/2355 |

HS1ABD 7002/2315/Dec 14 m

## TEN METHR LIVES - Sometimes

IX2FG 3503/0315/Dec 18e OE6XRG 3797/0055/Dec 19e ONLUN $3799 / 0605 / \mathrm{Dec} 12 \mathrm{~m}$ SP8Ya 3793/0335/Deo 18e I $\sigma$ JX $7006 / 0045 / \mathrm{Dec} 23 \mathrm{w}$ J3AAG 7005/0300/Deo 18m KGGAJK 7003/1230/Dec 19m KG6JIH 7005/1320/Dec 22e KG6RT 7001/1200/lec 22e KVLAAA 7030/1035/Dec 22e LZ2KRE 7016/0455/Dec 12m OH8PF 7001/1130/Dec 21e TG9ML 7026/0220/Dec 17m TI2PZ 7005/0150/Dec 20e

TI5EWL 3798/1200/Dec 22W TI2P2 3502/0215/Dec 15m UA1DZ 3503/OLOO/Dec 16m vizar 3796/0520/Dec 19w UA1DZ 7002/0155/Dec 20e UAфZCJ 7007/0535/Dec 18w UK8EAA 7005/1315/Dec 22e UK2BBB 7005/1140/Dec 21e UK। PBJ 7015/1205/Dec 21e UK3GAZ 7005/1300/Dec 18m ULTCAD 7004/1300/Dec 19m UL7CAB 7003/0335/Dec 11m VU2GW 7003/0050/Dec 23W

28530 3518/0340/Dec 17m VE3BWK/40 3790/1505 19w 5W1B2 3793/0750/Dec 19w 6W8DY 3795/0730/Dec 21w VK6GU 700L/1300/Dec 12m VP9GG 7004/0345/Dec 23 m Y09AEL $7001 / 2200 /$ Dec $21 e$ YU1QFX 7008/2325/Dec 13 m ZE2JE . 7010/0400/Dec 23m 7XLAN 7009/0315/Dec 23m 9H1EL $7007 / 2305 /$ Dec $21 e$ 5L1CA 7028/0715/Dec 16w

| 7 G | 28005/1735/D | 17w |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| OY1R | 28024/1440/Dec | 230 | UK2BAS | 28020/1500/Dec | 168 |
| KTMI | 28018/2200/Dec | 21e | VE8AW | 28050/2100/Dec | 17 |
| SP8KCB | 28036/1505/Dec | 18e | VR3aH | 28030/2010/Dec | 24 |
| TTr 6 TJ | 28047/1615/Dec | 21II | 8R1J | 28023/2050/Dec | 7 m |
| RQ | 28 | W | KA1IW | 28 |  |
| GJ 3riml | 28502/1545/Dec | 17w | KG6JJH | 28580/2225/Dec |  |
| HV3SJ | 28546/1505/Dec | 168 | WA1IOG | KHخ 28560/2315 | - |
| kabcg | 28603/2335/Dec | 16 m | N 4 ACX/ | KH2 28550/2150 |  |

## LX1.JW 28530/1635.Dec 12m 0Y9J 28560/1650/Dec 160 VK1NBE 28538/0005/Dec, 18m

 YU20B 28597/1510/Dec 16e| ZS3B | $28541 / 1700 /$ Dec 17 e |
| :--- | :--- |
| ZS5KB | $28542 / 1435 / \mathrm{Dec} 16 \mathrm{~m}$ |
| 3D2MD | $28508 / 2030 / \mathrm{Dec} 16 e$ |
| ZD6AC | 28550/1830/Often |

AFRICA CW

|  |  |
| :---: | :---: |
| D68AD | 14010/1740/Dec |
| Ha8IS | 21042/1730/Dec 21e |
| EA8@O | - |
| EAgG | 4012 |


|  |  |
| :---: | :---: |
|  |  |
| 87M | 14037/1930/Dec 15 |
|  |  |
| $2 \mathrm{S1XR}$ | 40 |

APRICA SSB

C5ABK 14232/0220/Dec 23m
C5AAH $14217 / 2215 / \mathrm{Dec} 20 \mathrm{~m}$
CN8DO 14228/2025/Dec 15e
CN8AK $14221 / 2155 / \mathrm{Dec} 15 \mathrm{~m}$
DLCBS 14217/0010/Dec 22e
D68AD 14261/1510/Dec 22m
EL2BS 14217/0035/Dec 22m
FB8ZA $21345 / 1800 /$ Dec 16e
FR7BE 14197/1520/Dec 26w\#
FRTZIN 21286/1840/Dec 21m
H5AC 14210/2150/Dec 16m
TJ1AB $14245 / 2035 / \mathrm{Dec} 15 e$
ASIA CW
FP2BQ 21022/1310/Dec 23e HM1DH 14020/0115/Dec 20w HZ1SH 14006/1430/Dec. 21m JT1KAA 14024/0145/Dec 19e UAØJCU 14046/0050/Dec 23 m

## EUROPE CN

DT8JP $14005 / 1510 /$ Dec 16 m EA6DD 14005/0740/Dec 16w EA6BC 14004/2120/DeC 20m EI ¢CY $21030 / 1730 /$ Dec 22 m EU2AS 14032/1240/Dec 19e
qu2As 21029/1520/Dec 21e
EU2LAG 21010/1535/Dec 21e

| S8FXT | c |  |
| :---: | :---: | :---: |
| ST2SA | 14203/1550/Dec | 22 |
| ST¢ FR | 14225/1545/Dec | 25 |
| TR8AD | 14211/1555/Dec | 16 |
| FSDXE/ | T02 14213/0035 | 21 |
| XT2AV | 14214/0155/Dec | - |
| XT2AT | 21350/1730/Dec | 28w |
| 2D7SS | 14210/2000/Dec | 16w |
| 2S7SD | 14214/2050/Dec | 17m |
| 2D7BW | 21370/2100/De |  |
| ZE1EK | 14208/0500/Dec | 17m |
| 2ELJS | 21355/1915/D | 20 |

UK7FAR 14034/0415/Dec $17 e$ UK7LAQ 14035/0710/Dec 17e UK8EAA 14012/1530/Dec 18w JG6GAE 14023/1510/Dec 19w\# UJ8AG 14027/0330/Dec 18w

| S2EM |  |
| :---: | :---: |
| zs | 14027/0540/Dec 19 |
| WT | 14025/0450/Dec |
|  | 21005/1835/Dec 17 |
|  |  |

ZS1XR 1423iL/2240/Dec 17II ZS3JJ 21285/1115/Dec 23m ZS3B 14206/0440/Dec 19w ZS6AMG 14224/O220/Dec 23m 306BP 21353/1850/Dec 21e 5Н3BP 14211/1625/Dec 18w 5ZLRL 14265/1930/Dec 17e 5ZLRT 14239/1500/Dec 10e\# 5Z4NH 14225/1550/Dec 17w 5Z40H 14286/1445/Dec 19w 5T5RR 21355/2000/Dec 21w 6W8DY 21280/1840/Dec 15w

| 3B8DA | $21022 / 2005 / \mathrm{Dec}, 16 e$ |
| :--- | :--- |
| 3B8DA | $14042 / 0240 / \mathrm{Dec}$ |
| 16w |  |
| 7P8AF | $14045 / 2115 / \mathrm{Dec}$ |
| 9X50M | $14022 / 1945 / \mathrm{Dec}$ |

UGGIT 14047/0715/Dec 17e UI8ACP 14019/0320/Dec 17w ULTECF 14035/0415/Dec 17e uKøzal 14048/0100/Dec 23m OWØOF 14037/0145/Dec 23 血

7P8BC 21355/1845/Dec 22w 7X2DD 14204/2015/Dec 15m $7 \mathrm{X} 2 \mathrm{DG} 14204 / 1920 /$ Dec $21 e$ $7 \times 5 \mathrm{AB} \quad 14248 / 2200 / \mathrm{Dec} 18 \mathrm{e}$ 9G1KH $21321 / 2105 / \mathrm{Pec} 16 \mathrm{e}$ 9G1WS 21355/1805/Dec 21e 9L1CA 14220/2125/Dec 15w 9L1SL 21337/1900/Dec 19w 985JH 14209/2120/Dec 15w 9X5AL 21351/2240/Dec 17w 9X5PM 14221/1505/Dec 23w 9X5PP 14225/1600/Dec 14w

EU2AF 14010/0325/Dec 13m EU2DU 14015/1605/Dec 16m GU3NBS 14011/2115/Dec 20m LATQL 21035/2030/Dec 19e M1H $14016 / 1800 / \mathrm{Dec} 16 \mathrm{~m}$ ?? OE5BOL $21015 / 1540 /$ Dec $21 e$

OH3WE 21029/2035/Dec 19e OH8SW 21033/1050/Dec 19e OK3ZCF 21020/1450/Deo 16m OY1R 14021/2225/Dec 17e OY7ML 14024/1900/Dec 17e SP9KCB 28036/1505/Dec 18e TF 3CW $14018 / 2200 /$ Dec $16 e$

VU2BK 14030/2200/Dec 19e VE3BWIK/4U 14016/1340 15m 9M2LN 14026/2345/Dec 16e

TF3YH 21028/1815/Dec 17w T05AP 14045/0725/Dec 17e U050WC 14031/0730/Dec 17e YO7APA $14018 / 1845 /$ Dec $17 e$ YO1NWG 21037/1505/Dec 21e

## MORE RED EYDH IOULT

ASTA SSB．

AP2TM 14210／1320／Dec 18m\＃
AP2UR 14201／1215／Dec 15e
AP2MQ $14205 / 1245 / \mathrm{Dec} 21 e$
AP2TM $14205 / 1215 / \mathrm{Dec} 21 \mathrm{e}$
AP2IB 14210／1515／Dec 19m
AP2IZ 14217／1350／Dec 21m
Al XPFE 14225／1600／Dec 23w
A6xB $14225 / 1435 /$ Dec． 23 m
A7XAH 14270／1305／Dee 22e
BV2B 14225／2350／Dec 23w
OR9AJ 14225／0035／Dec 24w
FPTNC 14210／1440／Dec 19m
EUROPE SSB
CT1SX 14216／2155／Dec 15m
EA3TE 14208／1505／Dec 23W\＃
EA6BG 14226／2225／Dec 14ra
EI6AX 14206／1600／Dec 16w
GD2HCX 21274／1805／Dec 17W
GM3LYI 14226／1635／Dec 16w
HalxH 14218／1525／Dec 23w
HB9AMC $14206 / 1510 /$ Dec 26 w
FILSENHIBRES SSB
CEgERH 14222／0500／Dec 18e
CE9AH 14290／0350／Dec 17w
CP6HI 14222／0320／Jec 14m
FPdDX 14205／0145／Dec 22e
FW8AC $14225 / 1615 /$ Dee 21w
FM7AV 14208／0000／Deo 20m
IMTHE $14213 / 2100 /$ Dec 19 m
FOXRS 14266／0430／Dec 19w
FY7AN $21355 / 1945 / \mathrm{Dec} 19 \mathrm{w}$
HI7UP 14218／1320／Dec 18e
ELSEWHETRES OH
CO2OM 14026／0300／Dec 20e
CO5IM 14033／0105／Dec 16e
CP5NK 21029／2200／Dec 21w
DU6AL 14029／0100／Dec 19w\＃
FM7BB 14025／0045／Dec 16e
mantav 14019／0010／Jec 17m
FKBKAA 14020／0640／Dec 17w
FP8JP 14015／1935／Dec 15 e

It singeth low in every heart， We hear it each and all，－ A song to those who answer not， Howeyer we may call．．．．．．．．

| HP2UR | ／1300／Dec |
| :---: | :---: |
| EP2RI | 14202／1315／Dec 18e |
| EP2JJ | 14219／1300／Dec 20w |
| EP2LI | 14225／1510／Dec 19w |
| HL9MJ | 14225／0020／Dec 22e |
| HIISWE | 14225／2320／Dec 19e |
| HLGKY | 21280／0030／Dee 16w |
| H290D | 14222／0355／Dec 18w |
| ES 1WR | 14214／0150／Often |
| ES1ABD | 14210／1420／Dec 15m |
| JT1AN | 14225／0030／Dec 24w |
| JY3ZH | 14211／1340／Dec 22m |

HB9BAM 14206／1530／Dec 16w HV3SJ 14226／2020／Dec 20w I7DKE $14218 / 1530 /$ Dec 23w\＃ ISøたWF $21285 / 1740 / \mathrm{Dec} 22 \mathrm{w}$ ISgfar $14233 / 1600 /$ Dec 17m JXLEN 14228／1540／Dec 16m JX9WP $14238 / 0100 /$ Dec 18 w LALzC 14211／2240／Dec 17m

HIBGBG $14213 / 2235 /$ Dec 16 m सK HJO 14242／0210／Doc 16e HK HKøСLS $14205 / 1255 /$ Dec 23e J3AT 14206／1315／Dec 19e KGliFW 21355／1810／Dec 21e KGLXX 21279／1755／Deo 180 KTLAA 14205／1135／Dec 18e KVLKV $14317 / 0300 / \mathrm{Dec} 17 \mathrm{~m}$. KP6PA 14203／0520／Dec 19e？

| JY50S | 14210／1350／Dec |
| :---: | :---: |
| उTYGM | 14211／1425／Dec 23mit |
| JY9DI | 14225／1530／Doc 15m |
| JY9VE | 14225／1505／Dec 22w／ |
| ［CA1MI | 14240／2345／Des 21w |
| KA1NC | 14224／0010／D80 16e |
| KA1NC | 21310／0040／Dec 20e |
| गАфSCP | 14210／0145／Dee 16e |
| UAф才AJ | 14214／0150／Dec 16e |
| पAQSAC | 14210／0150／Dec 16m |
| UM8MBW | 14220／1240／Dee 15e\＃ |
| UTFO | 14220／0315／De0 23w |


| LZ2SC | 14211／1425／D00 |
| :---: | :---: |
| LX9aI | 14211／1150／Dec 15e |
| IX1DI | 14333／2045／Dec 20 |
| ONLCN | 14212／1525／Dec 25wnt |
| OnSty | 14236／1545／Dec 26w\％ |
| OH6DX | $14214 / 2230 /$ Dec 160 |
| SV1DH | 14215／1550／Dec 18w |
| SV1FT | 14286／1505／Dec 19w |

VS6AK $14213 / 1255 /$ Dec 15 e YITBCD $142101405 / \mathrm{Dec} 18 \mathrm{~m}$ YI1BGD 14211／1520／Dec 20m YI2BGD 14225／1515／Deo 24w\＃ YK1AA $14225 / 1530 / D$ Dec $25 \mathrm{~W} /$ $457 \mathrm{AB} 14220 / 1315 /$ Dec 22 o LSTEA 14220／0045／Dec 25w $457 J 14204 / 1220 / \mathrm{Dec} 17 \mathrm{w}$ LXLFQ $14220 / 1420 /$ Dec $19 w$ 4Z4TW 21279／1800／Dec 180 9K2D $=$＝14210／1500／Dec 22w／t 9N1MM 14216，0130／Dec 21m

| KS6DV | $14281 / 0710 /$ Dec | 17 w |
| :--- | :--- | :--- |
| KX6BQ | $21355 / 900 / D e c$ | 18 e |
| OX |  |  |

TALBM 1420L／0155／Dec 16w UKSMAF $14208 / 1330 / \mathrm{Dec}$ 21酉\＃ YZ9MG 14206／1440／Dec 20w\＃ ZB2DW $21355 / 1840 /$ Dec 23w 2BRBL 21279／1915／Dec 17m F9UA／3A 14209／1600／Dec 19w LU1ITV $14224 / 1345 / \operatorname{Dec} 16 \mathrm{w}$ 9H1要 $21279 / 1800 / \mathrm{Dec} 18 \mathrm{e}$

VP8PM 14202／0000／Dec 20m VF8NL $14214 / 0245 / \mathrm{Dec} 15 \mathrm{e}$ VPSFK 14209／0240／Dec 17e VR3AR 14202／0110／Dec 23 m YSकीR 14215／2340／Dec 16e ISIGMV 14213／0425／Dec 16e YSTOB $21166 / 1515 / \mathrm{Dec} 24 \mathrm{~m}$ ZF1MA 14202／1320／Dec 20e 8P6DH $14210 / 1240 / \mathrm{Dec} 16 \mathrm{e}$ 8P6BN 14232／0230／Dec 23m

FP8AP 14026／0025／Dec 160 FI7BF 21005／2340／Dec 19e FYTYE 14052／2345／Dec 16w HDSCN 14025／0255／Dec 23w HK $\phi$ BRX $14022 / 2345 / \mathrm{Dec} 19 \mathrm{e}$ J3AAG 14007／0100／Dec 23w KCLAAA 14027／0235／Dec 20e KJ6BZ 1402L／0040／Dee 18w

KWLAA $21027 / 1745 / \mathrm{Dec} 19 \mathrm{~m}$ LJ9CV 14042／0200／Dec 23 Im NI2LA 21025／2205／Dec 21w PZ1AP 14008／0030／Dec 16m VP2SZ 14027／0020／Dec 19e vpamar 14021／0120／Dec 20 e VP2SQ 14223／1250／Dec 20e

## TP8QE 14004／0055／Dec 23w VR3ar 14009／0155／Doc 20e VR3AB 14026／0600／Dec 15e 8P6FD 14005／0125／Dec 16w 9Y4vO 14032／0150／Dec 16w

 （\＃＝long path $\quad ? P ?=$ Slim．．．．always with the rare ones． $14225 \mathrm{kHz} . . . .1430 \mathrm{Z}, \ldots .$. W7PHO＇s Femily Hour ）

And if you want to work DX，you＇ll have to know band conditions and expected propagation．．．．．
THE SHORTWAVE PROPAGATION HANDBOOK has just been written by George Jecobs，W3ASK，and Theodore J Cohen，NLXX．It explains all the facets of shortwave propagation in simple language．
It is full of do－it－yourself date for predictiong the propagation conditions on all bande to all areas of the world
Personalized signed copies are available for $\$ 7.50$ each，postpaid．Send your order to Mail－A－Prop，Box 1714，Silver Spring，Maryland 20902．Get yours today．．．．．．signed by an author．Foreign remittances should be in U．S．funds and add $\$ 1.00$ for postage

## CALERDAR

| BOUVET | Currently active |
| :---: | :---: |
| RHODES | DJ9ZB opening this Friday, January 5th, there to Jan 10th |
| LACCADIVES | VULARC saying they'll be there in mid-January |
| SERRRANA BANK | Everything set.....JJanuary 18th to 21st |
| MONTSERRAT | Lots of February action.....WøSH \& K $¢ \mathrm{XD}$ in one group....WB2CHO also! |
| ANDAMANS | P29JS looking for possibility this Spring |
| SOMALIA | 601FG soon.....maybe in a month or so |
| BEATA ISLAND | HI8s signing HI1RCD from January 25 th |
| AVES | Planning going for a possible April/May effort |
| PEITER ISLAND | Willy should be there next month..... |
| PITCAIRN | VR6BJ for short mun in late April |
| $4 \mathrm{Z4TT}$ | Baruch making plans for a Pacific run.....soon. |
| FTANDERS DX MEWHTING | Downtown Ghent.....Februaxy 10th. ON-DXers looking to welcome DX types |
| WINTPRRFEST XII | Downtown Norfolk, Virginia.o...Febriary 19th。*K4JM for info..... |
| MARCONI ARI TEST-CW | Januaxy 13/14th |
| CQ WW 160-TEST | January 26/28th |
| MARCONI ARI TEEST-PHONE | Januaxy $27 / 28$ th |
| FREMTCH CW TEST | Jonuary 27/28th |
| FRENCH PHONE TEST | Februairy $24 / 25$ th |
| ARRL DX PHONE TEST | March 3/4th.....only one weekend. |
| ARRT, DX CW mast | March $17 / 13$ til....also only one weekend. |
| CQ WW WPX TEST-PHONE | March 24/25th |
| CQ WW :TPX TEST-CW | May 26/27th |
| FRESNO INTIERNATIONAL | The BIG DX Meeting.....downtown Fresno at the Hilton. April 7th |

SOME SHORTLY NOIED W5JW has finished another bit of operating at KX6, this time Jack was signing W5JW/KX6 and this should be a clue to where to QSL. During visits to the Marshails some 3593 QSOs and 121 countries were recorded, 1123 of the QSOs being with Europeans.
W5JW notes that on Kwajalein KX6MS, KX6MY and KX6LU are active plus some more using their stateside calls /KX6.....KXGMP is now QRT. Send a QSL for any of W5JWs contacts to his CB address with sase or Sae/IRC. For KX6BU it is only for the Sept 28 th to 0ct 14 th period of 1978 plus his recent activity under his own call. If you are looking for another KX6-QSL, try Box 444, APO San Francisco 96555. It helps in morting the cards if you show the name - of the operator on the envelope.

Should you ever think they will run out of DXCC countries, forget it! Things are moving for the Marshall Islands, the Palau Islands and the Federsted States of Micronesia to attain a measure of semi-independence within a matter of two or three years. Maybe about 1981.
The U.S. has been exercising control over these islands under a trusteeship. The island groups are looking for full autonomiy internally with the J.S. continuing to handle the defense and foreign affairs. Initially a single unifed nation was planned but this was rejected in a referendum last July, thus the three autonomous nations will evolve.
Guam has been self-governing since January 1978 as a Commonwealth associated with the U.S. the new status being official only when the trusteeship over Micronesia is ended about 1981.

Without going into more of the governmental details, the thing to note is that there will be some new countries coming on for the Deserving. All you have to do is wait and they come....sooner or later.

If that is not enough, there is a piece of land between Mexico and the U.So which is the result of a change in the Rio Grande channel. No one seems to want it and one enterprising type says that he will take it....setting up a new country for tax, gambling and custom purposes. Some of the areas may not be big but the ideas always are. The January QST carries an editorial on the proposed＇quiet zones＇around the FCC Monitoring stations， You should catch it for sure．The memory of the＂Ten Meter Linear＂ultimate solution by the FCC is still a rankling memory and it does not pay to get another like it．
Dave Sumner，K1ZZ，replied to the Wall Street Journal on their news item of early December on the last－minute FCC proposal for WARC 79 to expand the broadcast band up into the One－Sixty territory．K1ZZ noted that no other administration at Geneva has made such a proposal and no studies of the feasibility of such expansion was presented at the recent pre－WARC technical meeting in Geneva in November．
It was noted that the Department of State Advisory Committee in a November 29 th meeting indicated that the proposal was neither technically feasible nor justifiable on technical grounds．
Dave Sumner also noted that the proposed expansion was into an area unsuitable for local broadcasting because of poor ground－wave coverage and severe skywave interference at times during night hours．It was also noted that a number of new $A M$ stations could be accomodated simply by reducing the present $10-\mathrm{kHz}$ spacing to a 9 kHz spacing as now used in most of the world．
In a final thrust，K1ZZ noted that the U．S．now has as many AM broadcast stations as all of Europe，Africa and Asia combined．The plan to take more spectrum from other services was termed＇ill－conceived＂．

TINX to W1AB，W1NV，W1PV，WA1WIP，W1WV，N1DI，W2AG，WA1SQB，W2FP，W2GHV，W2HAZ，W2NC，K2OF，WA2SON，K2UO， K3TN，WBLEDD，WLKA，WLICL，WeKA，WLUF，NLXX，K5AQ，W5CPI，K5DB，WSDD，KKIH，WFIMJ，W5OSJ，K5OVC，K5RC， W5YH，K6ARE，K6AQV，K6DT，WAGFIT，W6GTM，W6JD，K6KA，W6KPC，K6LAE，W6MUS，N6OB，NGC，W6RQ，W6SN，WA6TLA， W6TSQ，K6UFT，K6WR，K6YK，WB6ZUC，W6ZYC，K7ABV，W7BCT，N7RT，N7UT，TYR，WB8EUN，K8IP，W8MAW，K8RD， W80VZ，K9RA，W9Sc，W9SS，W9TC，W9HKV，K9XJ，K9ZZ，WøBW，WøPGI，WePT，NøRF，WøSH，DJ9ZB，HC5EE，HS 1 ABD ， YU3DM．

WEST COAST DX BULEETTN Published every week by the Marin County DX Group．It was quiet last week between the hold ays and we were saving our strength for Bouvet by listening to＇Winter＇from Vivaldi＇s＇Four Seasons＇when a QRPer sneaked up the hill and cornered us．It was the end of Vivaldi and back to the world of DX problems．The QRPer had that beady－eyed smiled that always raises a wall of caution．We certainly needed it．＂I have this plan，＂the QRPer advised us，＂and I am figuring that it will get me to work all the DX that I missed in the past．Stations like 7J1RL and Abu Ail．And Burma and Mt．Athos． I＇ve gotten something that is going to get that DX for me．＂We were immediately on our feet with the impact of all these promises for we had missed some of these ourselves．The QRPer waved a magazine at us．＂It＇s these fellows down in Houston，＂he advised us and we immediately thought of NASA．＂They have this plan that can make THe－Travel available．They call it TIME－WARP and if you send fifty cents they will tell you how to do it．＂We immediately scratched NASA but our interest was still strong．The QRPer was not finished．＂And when I get all the dope，I＇m going to figure how to go back in time and work all those that came maybe once or twice and never again．I＇ll get them for sure．＂Son of a Gun！We were caught in the web of need but still skeptical．＂Do you really think it will work？＂we asked and the QRPar was all assurances．＂It certainly should，＂he promised us，＂after all，they would not print it in a magazine if it were not true，would they？＂We had to agree with the QRPer for one learns to believe． ＂Here＇s another fifty cents，＂we said，＂get one for us，too．＂For any true blue DYer knows that there are things that are hard to believe and yet they exist．And a simple device that will bring back yesterdays would not only be good for DYing but invaluable for those with the keen sense of hindsight who know the answers now but lack the opportunity to use them then．Ara while we wait for the word on how to go back and catch the ones that were，a weekly hint on how to catch the ones to be might come your way if you send a discreet query on our moveable subscriptions rates．But then again，we may be in time warp and working all that $D X$ that we missed back then．．．．．try us anyhow

