



West Coast **DX** Bulletin

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December 6, 1977

49-77

WALVIS BAY More information on this indicates that as of December 1st the South African government took over control of this enclave on the Atlantic ocean 400 miles north of South Africa.

SouthWest Africa (Namibia) may have a change in status but this is not due for some time yet, perhaps a year or more. The change in the administration of Walvis apparently has no connection to the status of SouthWest Africa.

ZS3WB, Ian, is reported to be the son of ZS6ANE and in the military service stationed at Walvis Bay. He has been getting up towers for antennas and should be heard. ZS6ANE, B R Fordred, will join Ian and will sign ZS6ANE/ZS3.

Operations are planned for twenty meters only. At this point there does seem to be something moving and it would be prudent to watch for ZS3WB or ZS6ANE/ZS3. There might be more there than you would hope for..... And everyone knows that all true-blue DXers are always hoping for a new one.....and on the first call!

MONACO 3A2HB is showing only on Tuesdays.....14240kc at 1200Z. Lou speaks no English....hardly, and the operation is usually a list taken by W4LRI.

The hour is not right for the western reaches but the indication is that 3A2HB will see how the long path is should some of the Suffering Sixes or Sevens start showing on the list. Because of the terrain, long path is often the best path for the western reaches, the high mountains often impeding the short path.

DIEGO GARCIA WA4TWE/VQ9, Bob Bunt, is another operation from the navy base on Diego Garcia, Bob joining with WA6OXZ/VQ9, Dale, and WD9FCC/VQ9, Jake

Most days one of these stations will be on from 1200-1400Z and you might watch for them around 14240kc. WA6OXZ/VQ9 was aiming for some c.w. work this last weekend around 14095kc after 1200Z. This is not the best time for some areas and it might help to check these frequencies around 2200Z. The stations do get on at times. 14095kc may not be an every day happening but it will be used....

QSLs for WA4TWE/VQ9 and WA6OXZ/VQ9 go to Jim Hammack, K5HWO, Box 306, Boise City, Oklahoma 73933.....up in the Oklahoma Panhandle. WD9FCC/VQ9 goes to George Menart, K9GM, 1233 MacArthur, Sheboygan, Wisconsin 53081. Last time out we got it mixed up as W9GM...which it is not. Sase or Sae/Irc needed.

MALI VE3HRS/TZ6 has been showing around the phone band-edge from 2000Z. Sometimes it is a schedule with his father VE3AMC.

The name is Ken Stone who should be there for another month or so. He is there with an aviation group, using an ATLAS rig and linear. Without an outboard VFO things are a bit cramped at times. QSLs go to the home QTH...2200 Roche Court, #1208, Mississauga, Ontario, Canada K1V 8P5.

SUNSPOT LOUIE Area 939 which was the big noise on last weeks chart flared on November 22nd and again on the 23rd. This area was diminishing in area as it approached the western limb and was down to 110 millionths of area when it turned the corner on November 25th.

Actually, this area started out small, being only 10 millionths when it first showed at 25° N, 29° E on the 17th. The following day it was covering 230 millionths.

But it's only a memory now and there is little to get the DXer jumping for joy. So we got to worrying and headed down to the Palos Verdes Country to see what the Sundancers were doing to uplift things.....

It was strain and strife, tumult and hubbub when we got there in the Palos Verdes baranncas. Here we had come looking for the gentle strains of 'Giselle' and it seemed we were getting: "Beat Me, Daddy, Eight to the Bar". Hardly what we expected.

The P.V. Leader was irate. "Look at those Solar Flux numbers!" he raged. "It took years to get them up almost to a hundred and then they all start worrying about their costumes for the roles as Sugar Plum Fairies. And the flux fell right down. Down! Today it was in the mid-eighties!" This was not the haven of grace, the home of the dance and the interpreter of the moods of nature that we had expected. "And what are you going to do?" we said most helpfully and we might have been more cautious.

The P.V. Leader was hardly cool. "It's back to the tarantela and the six-eight beat for these ones," he roared. "And if they think they are going to be Sugar Plums come the solstice, they are going to have to jump and jiggle all the way through December. And I mean jump and jiggle." At this point we were ready to slide out of the picture but we moved not quite fast enough. "And it would help a bit if you would stop printing the same flux figures two weeks running," the P.V. Leader hurled at us as a final lash and we were jumping as high as some of those Sugar Plum Fairies.

Son of a Gun! We were hardly in a 'Win' situation but what would be the holiday season without sunspots? Sleep well tonight, the Palos Verdes Sundancers are back in the arroyos doing their thump and jump routines. Sunspots will return and DX will thrive. You probably will also heard from the Sugar Plum Fairies.

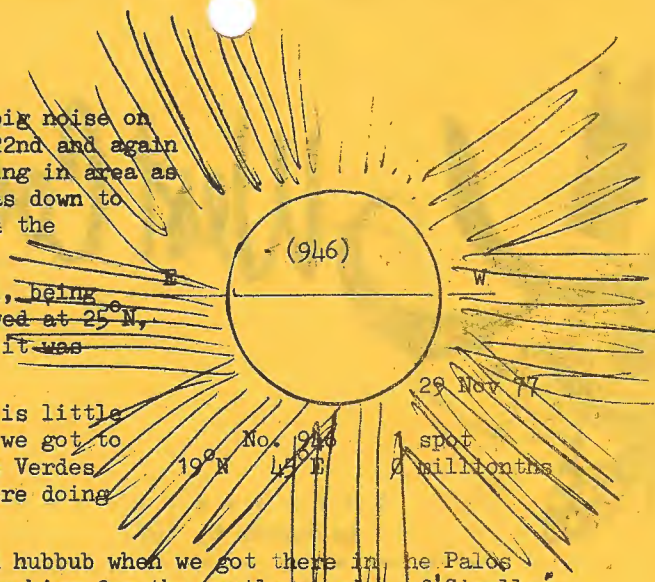
From N4XX comes the look into the future and the holiday made the late information from Boulder wanting.....so we have the look based on the 54 day forecast. And Ted says that it will be, relatively speaking,

| | | | |
|--------------|-------------------------|----------|---------------------|
| December 5th | High Normal | Dec 13th | Low Normal |
| 6th | High Normal | 14th | Low Normal |
| 7th | High..but periods of LN | 15th | Below Normal |
| 8th | High..slipping to LN | 16th | Low..but periods of |
| 9th | Low Normal | | High Normal |
| 10th | Low...but with some BN | 17th | High Normal |
| 11th | Low...but with some BN | 18th | High Normal |
| 12th | Low Normal | | |

It always pays...sometimes....to take a listen and to check the WWV hourly reports. One local QRP'er said that three new ones came last week on a LN day when no one was around.....including FB8ZE!

We have the report from K6EC on the WWV reports, this is really an update as we mixed things up last week.

| | Solar Flux | Ap Index | | Solar Flux | Ap Index |
|----------|------------|----------|----------|------------|----------|
| Nov 14th | 100 | 30 | Nov 21st | 95 | 3 |
| 15th | 101 | 23 | 22nd | 92 | 4 |
| 16th | 98 | 12 | 23rd | 90 | 4 |
| 17th | 103 | 6 | 24th | 89 | 5 |
| 18th | 104 | 5 | 25th | 87 | 10 |
| 19th | 102 | 6 | 26th | 86 | 15 |
| 20th | 102 | 4 | 27th | 86 | 10 |



49-77

6 November 1977

SEANET CONVENTION Early returnees from the SEANET Convention last month say that there was about 175 in attendance, these from at least fifteen different countries.

Fred Shidel, K6AQV, made the gathering in Bangkok and came home jumping with joy over the experience. Fred says he had a great time, met a lot of the SEAsia DXers plus W6PN, Perry Esten, and his XYL and K6AAB, Lyman Swendsen. Actually Fred met K6AAB here in the states and they went to the convention together.

Fred came home with a big memory of the farewell party that HS1WR and XYL put on. There was also a tour of Bangkok with BV2A that Fred is still talking about. We told you that it would be a great time. Maybe next November you will want to make the next SEAsia Convention.

KUWAIT For the c.w. types, 9K2DR is often found down in the lower sections and he says he is the only 9K2 on c.w.

If you are looking for 9K2 on c.w., Bob is usually close to the following schedule

| | |
|-------|--|
| 0130Z | 3502kc.....if not too noisy. Otherwise he QSYs to 7001-7008kc |
| 0430Z | 14001-14003kc |
| 1030Z | 28045kc....or 28530kc should the band open. If not, look at 21290kc.....or 14250kc.....or 14001kc |

Bob usually will stick around until he tires of bad operating practices, discourtesy or just plain rudeness. He appreciates working the skilled and considerate operator. If you are one of the latter, he will be listening....

SLIM! This apparently is his busy season. On that KL8AA from the Pribilofs, the QSL information was via the W6 bureau. Last week the W6 bureau was making inquiries whether anyone knew anything about this one. It hardly sounds like the true-blue and the W6 bureau not being able to make connections.

VR6BA on fifteen c.w. said to QSL via the Bureau! This would look like another forlorn hope.

C3PO would seem to be a wandering android programmed for c.w. CE0XA showed on forty meters for one day on November 23rd. Said to QSL to Radio Club Chile. With San Felix needed by so many, the short time this one was on and the QSL route made be a hint that Slim was riding the Peru current that week, possibly northbound from VR6.

Work them all.....you can worry later. But don't put complete faith in those with strange and rare calls saying to QSL via the bureau. Often on c.w., Slim still has not QSLed for his operations as 8X8A on Cray Island!! And you know how long ago that was. Also, no cards have come from his UY0OL operation from Franz Josef!!

NAVASSA This one did not show. This may not be news if you searched the CQ C.W. test. Apparently there were some transportation problems and the plans just melted away. After the original announcement of the effort, there was no further information. You did not miss it....it just was not there.

CW CONTEST There was a lot of activity and most of the promised ones did show. NLWW and friend K1MM were there to help those needing both contest counters and Juan Fernandez. 4M7PF/YY5A/CW0A/TK7GAS/4M4ID/IX1LDX/HG8U/CE0ZM/GULDAA/HH2DX/ZF2AD/ZF2AW/ZF2AF/ZF2AH. 4L6M showed from Zone 21 which would make it one of the Soviet Republics there between the Black and Caspian Sea.

During the contest N3ED worked over 300 Europeans on Eighty in 8 hours, this including 43 countries and all the USSR European countries. Back in the Phone Test KG6JTH ran up a good score on ten meters as a single/single on that band. Frank had 1500 QSOs in 42 countries, 32 zones for 333,000 or so points. Ten meters was good.....it will be again. So far we have not gotten any big total scores for the CW Test....

WEST COAST DX BULLETIN 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

\$18.00 per year by first-class mail to the U.S..VE and XE areas. \$14.00 per
year by second-class mail in the U.S. \$20.00 per year for airmail service to
all the far DX lands, all those beyond the rim of the night and far beyond
tomorrow's dawn. All the way to where the morning meets the sky.....

meet the Fantastic TAIL TWISTER^{T.M.}



ROTATOR SPECIFICATIONS

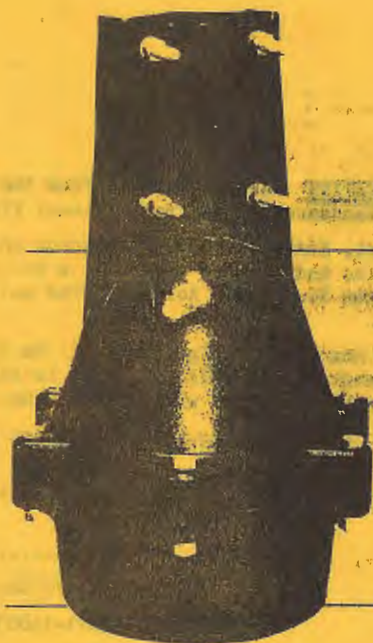
| | |
|------------------------|------------------------------------|
| Installation | Inside tower |
| Diameter | 9-5/16" |
| Mounting | 5/16" Bolts (6 supplied) |
| Height | 14-1/16" |
| Mast Size | Up to 2" O.D. |
| Rotator Weight | 18-3/4" |
| Wind Load Rating | Antennas up to 28 Ft. ² |
| Bearings | 138 Ball bearings (3 races) |

HEAVY DUTY ROTATOR. . . that starts with the world famous HAM II design, then adds a totally new thick cast aluminum bell housing with wider, stronger reinforcement webs to easily support the largest antenna. The upper mast support is predrilled to allow bolt-through installation to prevent mast slippage. A new three ring ball-bearing assembly provides side thrust control as well as increased vertical load carrying capacity.



NEW CONTROL BOX DESIGN. . . that will please the professional. . . full regulated indication of antenna direction, snap action control of clockwise and counterclockwise rotation, snap action control of brake, separate on/off switch for instant antenna location as well as front panel control of calibration. New L.E.D. indicators signal rotation and brake operation. And, housed in a black satin anodized case, it looks as good as it works.

The suggested list price for the TAIL TWISTER is \$325.00. Pick up your telephone and call Don, W5UW, for the SPECIAL DXer's price.....\$249.00! Only for Deserving DXers. Save almost 25% by making one phone call. Use the DX HOT LINE .. (713) 658 8021.. Be sure to say the magic words....."I am a Deserving DXer sent by Red Eyed Louie".



The new high-torque motor, with a metal pinion gear to guard against stripping, incorporates automatic coast-down pre-brake action. Drive is transmitted through three stainless steel spur gears with final drive into a new machined steel ring gear. A new thicker, wider wedge brake assembly securely holds the antenna at rest. Stainless steel 5/16" hardware completes this heavy duty rotator package.

CONTROL BOX SPECIFICATIONS

| | |
|-------------------------------------|---|
| Input Voltage | 110-120 VAC |
| Size | 8-3/8"W x 8-1/4"D x 4-3/8"H |
| Line Cord | 3 Wire (Grounded) |
| Control Cable Requirements | Belden 8448 up to 120' (or equivalent) |

The TAIL TWISTERTM is designed for in-tower mounting to assure a secure base for its load capabilities. The tower selected should be checked to verify its load rating is adequate for the installation intended. Though the TAIL TWISTER can be mounted with four 5/16" bolts, it is recommended all six be used to provide installation strength to match the rating of the rotor. Like all Cornell-Dubilier rotors, the TAIL TWISTER comes backed by over 30 years of experience and proven performance in supplying the communicator with quality products he can depend on.

MADISON ELECTRONICS SUPPLY

1508 McKINNEY
HOUSTON, TEXAS 77002

6 December 1977

MALAGASY REPUBLIC 5R8AL advises K5OVC that he is often active on the twenty meter band from 1630Z for an hour or so.....14120kc to 14135kc the usual operating frequencies. Ala says he gets a lot of attention from the Europeans and seldom is able to hear the W/Ks through the QRM.

At 1600Z he often tries 21070kc or 21170kc. At times he tries ten meters and the favored operating frequencies are 28050kc or 28550kc about 1500Z.....this on Saturdays and Sundays only.

The rig at 5R8AL is a HW100 transceiver. He gets about 60watts on ten meter c.w., about 80watts the best that is available on the other bands. He uses a 3-element quad on twenty and a 4-element Yagi on fifteen....a 2-element quad on ten. Though he tries forty and eighty through a dipole, he reports that it is very difficult to hear the W/Ks on these bands.

Presently attending the Institut Malgache de Recherches Appliquees, he says they are studying medicinal plants in research institute and working on the preparation of drugs for a popular national remedy.

MALDIVES 8Q7AD has been reported on twenty SSB.....14207kc at 1350Z. Gave his name as Yoh and said to QSL to JA1UMN. Will be there through December.

SHORTLY NOTED We are still looking for a QSL route for VE8DC who was active a year or so back. W4VN who was YB0ABV needs that one to complete a YB-WAZ. Who says that Zones 23 or 18 or 34 are the hard ones to get...?

W1BB has put out the latest edition of the 160-Me er DX Bulletin. This one comes with the right price. Send Stew a sase and he sends the bulletin. For those working One-Sixty or wondering what the action might be, W1BB's bulletin always has a lot of information. Stew says it is the challenge of working DX the hard way!

The first ten minutes of each hour are the times when they look for the FTs..... Not the First Tenners but the First Timers. Those new to One-Sixty have more opportunity during those ten minutes. W1BB wants FT reports. A sase with 13¢ postage brings you the W1BB bulletin to the US/VE/XE areas. 31¢ for airmail to DX areas....but 18¢ will bring it by surface mail.

KM1CC to mark the 75th Anniversary of Marconi's Transatlantic DXing will be on One-Sixty...from January 14th. Listen for the A-2 emissions. K1VV (W2GDB) handling the details. May even use his own rig for that A-2 operations! PY1RO will be trying One-Sixty from Fernando de N. during the ARRL Test the end of January.

If interested at all, send an sase to W1BB and get all the gossip and One-Sixty information.

QSLs?? Gary Yarus, WB0MSZ, has been feeding QSL information into a computer for a couple of years now. This includes information from the WCDXB plus some other sources. It now amounts to several pages. If you are stockpiling QSL information, you can get a printout from Gary for \$1.00 and a large envelope with 24¢ postage. The list is up-dated just about every week and this is a good source of late QSLing information. The \$1.00 goes to

Gary Yarus
921 North Clay
St Louis, Missouri 63122

MORE SHORT NOTES ARRL ran into some financial problems in the Third Quarter and ended up in the hole for \$300,000.00. Revenues ran as anticipated but expenses ran even a bit better. The new Handbook is expected to help pull things towards a balance by the end of the year but there may be some changes in the ARRL fiscal policy in 1978.

There are 326,100 amateur licenses as of November 1st..... Novice 55,700 Techs--64,500 General 111,400. Advanced-76,400 and Extra--18,000. CB applications ran to about 230,000 in October; this including renewals and the outstanding CB permits at this time amount to 11,800,000.

There is a report that Angelo, DL4CBS, may be heard from Guine-Bissau as CT3BS before long.

EQUATORIAL GUINEA Erik, SM0AGD, showed from this one last Friday, at 14025kc from 2000Z. Erik was promising to be back on Saturday...same time, same frequency. As Erik also likes Forty c.w., you might also watch that band...

Apparently Erik did get on from YI-Iraq for a brief operation though no W/K stations have reported as being either one of the handful to work him or to have heard him. The report is that Erik put a station on the air and made 18 contacts under the close observance of the YI-authorities. The fact that he was able to operate may keep the hope alive for future operations.

3C1X QSLs to SM6PF. SM6DYK passes along an update on the address for SM6PF and Kenth says that the correct address is:

Nils Strom SM6PF
Dalagatan 4-B
52100 Falkping
SWEDEN

Hal, the original operator at 3C1X was supposed to be there through most of December. There are no indicators how long Erik may be there but, from past operations, he will be busy handing out QSOs while he is there.

6 December 1977

EA8CR REPORT - CQ PHONE TEST Fernando M Fernandez Martin, EA8CR, had his call used in the big operation for the CQ Phone Test in October. With the tremendous score run up by the operators, EA8CR has sent along a resume of the operation. They operated in the Multi/Multi category. He writes....

Tuesday morning, the week before the contest, the Spanish-Finnish group met in La Laguna on Tenerife. Six cars were loaded with equipment, antennas, tools and other necessary items. The convoy started up the serpentine road, headed for the Observatorio Meteorologico there in Izana, 8000 feet above sea level.

The observatory is on El Teide, an ancient volcano and really a fantastic place for a QTH. Teams were organized for various projects such as beam and dipole erection, a.c. line construction, equipment installation and other needed tasks. It took four days of hard work but everything was ready by the time the Contest period arrived.

Propagation on fifteen and ten meters was a pleasant surprise and instead of the anticipated 14-15 million, the score climbed up to almost 23 million, surpassing the existing CQ WW Contest score. QSOs ran to 11,200 with duplicates culled out.

The gear line-up was:

| | |
|---------|--|
| 160mtrs | YAESU FT-101E with VFO and Dentron MLA-2500 to an Inverted Vee antenna |
| 80mtrs | DRAKE RL4C and TL4XC and ALFA 77 linear. Delta Loop antenna. |
| 40mtrs | DRAKE TR4C and RV4C plus L4B linear. Dipole antenna. |
| 20mtrs | DRAKE RL4C and TL4XC plus L4B linear. HY-GAIN 204B beam. |
| 15mtrs | DRAKE RL4C and TL4XC plus L4B linear. HY-GAIN TH3 Mk 3 beam. |
| 10mtrs | Collins 75S3C and 32S3 plus YAESU 2001B linear. HY-GAIN 103BA antenna. |

A second station was set up for each band, each with a vertical antenna except for the back-up rig on 160, for pick-up multipliers and as instant reserves for any possible main station failure. Fortunately, there was no trouble with the equipment.

On a band by band basis, the breakdown of the contest operations was:

| | QSOs | Countries | Zones | Operators |
|---------|--------|-----------|-------|------------------------|
| 160mtrs | 126 | 26 | 10 | OH3XZ and OH2BAD |
| 80 | 750 | 83 | 21 | EA8CR and EA8BW |
| 40 | 1085 | 86 | 23 | EA8IT and EA8OZ |
| 20 | 2600 | 146 | 37 | OH2BH, EA8ZS and EA8OU |
| 15 | 3200 | 110 | 31 | OH2MM and EA8LO |
| 10 | 3085 | 102 | 30 | EA8CR and OH2BAD |
| Total | 10,846 | 553 | 152 | = 22,939,290 points |

A special QSL will be printed for the Contest QSOs. Cards with IRCs and SAE will be sent as quickly as possible. All others will be cleared through the bureaus no later than this coming September. OH2BAD is doing the QSL work for this effort....Miika Heikinheimo, OH2BAD, Lokkalantie 16 A 19, SF-00330, Helsinki 33, Finland. Cards which may have been sent to EA8CR will be handled though the correct route is via OH2BAD.

CEØZM-JUAN FERNANDEZ Austin Regal and Bill arrived back in Miami last Tuesday just as dawn was breaking. The generator they were using on Juan Fernandez turned up its toes just after the contest ended and with it went any plans for some post-contest operating.

The stay on the island brought over 7000 QSOs, about half c.w. and the rest SSB. They worked WAS in both modes and close to a hundred DXCC countries.

CEØZE goes to Dr. Austin Regal, Box 14882, Orlando, Florida 32857. CEØZM goes to Bill Poellnitz, K1MM, 44 Sunset Drive, Framingham, Massachusetts 01701. You might note that his is a recent address change and the true blue route.

Both Austin and Bill felt that the trip was most successful and they were happy to bring Juan Fernandez onto the air again. They did have one bit of wind....70 knots worth...that took down their antenna. Their operating location was not exactly the Juan Fernandez Registry but it sufficed. QSLs are being printed....

6 December 1977

REPORTS FROM RED EYED LOUIE

O Bophuthatswana, I long to hear you,
Across the wide and rolling water.....

TEN METER WITHERS!

| | | | | | |
|--------|---------------------|--------|---------------------|-------|---------------------|
| CE0ZE | 28597/2020/Nov 24e | VKLNB | 28559/0050/Nov 20m | J28BD | 28050/1440/Nov 16e# |
| HI8LAP | 28611/1600/Nov 20e | ZS6ENG | 28495/1400/Nov 20ve | VK6PF | 28050/1245/Nov 20e |
| PJ8GW | 28528/1650/Nov 20ve | 8P6HZ | 28522/1745/Nov 20ve | ZE1CB | 28067/1525/Nov 24m |
| PJ9KET | 28554/1700/Nov 20ve | | | ZS3LK | 28020/1715/Nov 27m |

AFRICA CW

| | | | | | |
|-------|---------------------|-------|--------------------|--------|--------------------|
| EA3HQ | 21026/1710/Nov 23w | ZD8TM | 21037/1810/Nov 28m | ZS6WW | 21030/1910/Nov 24e |
| EL2EU | 14018/0045/Nov 24w | ZE1CB | 21002/1720/Nov 24w | ZS6ARL | 21036/1820/Nov 21m |
| FB8XQ | 14031/1540/Nov 28w# | ZS3BT | 21050/1935/Nov 24e | | |
| FB8ZL | 14045/0150/Nov 24e | ZS5TR | 14028/1805/Nov 25m | | |

AFRICA SSB

| | | | | | | | |
|-----------|---------------------|--------|--------------------|-------|---------------------|---------|---------------------|
| A2CBW | 14225/1925/Nov 23e | S79D | 14207/1545/Nov 29w | ZS5YA | 21355/1800/Nov 23w | 7P8BE | 14212/0525/Nov 24m |
| A2CZV | 21282/1735/Nov 24e | TU2HG | 14209/2045/Nov 18e | ZS5RB | 14210/0415/Nov 22m | 7P8BC | 21383/1400/Nov 25m |
| C5ABK | 14210/0255/Nov 25m | TU2EF | 14205/0005/Nov 22e | ZS5PG | 14240/1615/Nov 22m# | 7X2DG | 14215/1555/Nov 22m# |
| EL2EU | 14206/0010/Nov 27w | TU2HH | 14201/2035/Nov 24e | 3B8BJ | 14201/1440/Nov 23w | 7X4MD | 14210/1600/Nov 22m# |
| EL2BS | 14214/2315/Nov 25w | TU2GA | 14210/2035/Nov 24e | 3D6BP | 21330/1715/Nov 24m | 9G1GN | 21325/1720/Nov 24e |
| EL5A | 21355/1705/Nov 21m | VE3HRS | 14202/2005/Of t | 3D6BL | 21355/1830/Nov 29w | 9G1JQ | 21355/1825/Dec 1w |
| FR7BE | 21294/1455/Nov 24m | WA6OXZ | VQ9 14245/1315 28e | 3D6BL | 14202/2050/Nov 18m | 9G1AJ | 14224/1910/Nov 25w |
| WB7TKB/SU | 14235/1535 25w# | WD9FCC | VQ9 14241/1215 27e | 3D6BE | 14208/1955/Nov 20m | 9G1MB | 14215/2025/Nov 21e |
| KL4QT/SU | 14236/1445/ 27w# | ZD7PV | 21355/1815/Nov 24e | 5T5CW | 14220/1940/Nov 25e | 9G1RP | 21355/1910/Nov 25w |
| TR8MC | 14209/2120/Nov 21ve | ZD8RR | 21265/1915/Nov 22m | 5Z4PW | 14205/1925/Nov 25e | 9J2WR | 21355/1835/Nov 28w |
| TR8MFB | 14223/2145/Nov 23m | ZS2MX | 14240/0425/Nov 22m | 5Z4JE | 14239/0405/Nov 24e | 9L1SL/A | 21355/1825 23w |
| TR8RS | 14208/2045/Nov 25m | ZS4PB | 21290/1735/Nov 24m | 6W8LF | 14210/0000/Nov 22m | | |

ASIA CW

| | | | | | | | |
|-------|---------------------|--------|--------------------|--------|---------------------|--------|---------------------|
| AP2TN | 14038/1310/Nov 24e | HM2KH | 14015/0120/Nov 21w | UW0IX | 14072/0200/Nov 26m | VU2KMK | 14004/2115/Nov 20w |
| EP2LA | 14053/1255/Nov 25e | JD1YAA | 21038/0105/Nov 22m | VU2TS | 14033/1310/Nov 24e# | 4Z4WE | 14038/1350/Nov 25e# |
| EP2SV | 14044/1340/Nov 20m# | UK0ZAF | 14032/0025/Nov 25w | VU2RAK | 14036/1250/Nov 24e | 5B4DI | 14012/1500/Nov 28w |
| HM2JN | 14009/2345/Nov 24e | UA0XAW | 14014/2115/Nov 20w | VU2MAB | 14049/1335/Nov 21m | | |

ASIA SSB

| | | | | | | | |
|-------|---------------------|-------|---------------------|--------|---------------------|-----------|---------------------|
| A6XB | 14204/1500/Nov 24w# | EP2NC | 14230/1325/Nov 22ve | OD5EP | 14201/1455/Nov 22w# | 4X4CW | 14223/1335/Nov 26e# |
| A6XCS | 14219/1320/Nov 24e | EP2RL | 14203/1420/Nov 28m | OD5ET | 14214/1435/Nov 28e# | WA2BZA/4X | 14242/1545 27w |
| AL4FZ | 14230/1315/Nov 23m# | EP2SV | 14204/1450/Nov 22m# | OD5FB | 14207/1500/Nov 24w# | 4Z4KB | 14218/1515/Nov 26w# |
| A9XXC | 14204/1300/Nov 28e | EP2TY | 14203/1245/Nov 22e# | UF6VAG | 14221/1350/Nov 24m# | 5B4DI | 14250/1320/Nov 28m# |
| A9XCC | 14213/1315/Nov 26e# | EP2DD | 14209/1340/Nov 23m# | UW0NE | 14210/0035/Nov 27w | 5B4ES | 21281/1415/Nov 26m |
| AP2AU | 14219/1330/Nov 21e# | HS1WR | 14320/1255/Nov 20e | UK8RAJ | 14250/1415/Nov 27m | 8Q7AD | 14208/1300/Nov 22ve |
| AP5HQ | 14228/1300/Of ten | JY7OD | 14220/1345/Nov 28e# | VU2JAA | 14213/1345/Nov 10m | 9K2AN | 14206/1345/Nov 24e |
| AP7AD | 14205/1305/Nov 22e# | JY7BF | 14251/1340/Nov 21e# | VU2JNA | 14211/1315/Nov 26e# | 9K2EZ | 14250/1320/Nov 27m# |
| CR9AJ | 14225/0010/Nov 22w | JY7HH | 14202/15050/Nov 26w | VU2XX | 14206/1330/Nov 23e# | 9M2DW | 14215/2345/Nov 22m# |
| AP2MQ | 14204/1215/Nov 26e# | JY7ZH | 14196/1405/Nov 22m | VU2ACD | 14215/1300/Nov 28e | 9M2DQ | 21345/2350/Of ten |
| EP2AY | 14215/1400/Nov 19m | JY9DH | 14227/1535/Nov 25w# | VU2UK | 14208/1435/Nov 23m | 9N1MM | 14204/0055/Nov 22m |
| EP2DB | 14218/1215/Nov 27e# | JY9VK | 14203/1645/Nov 23w | VU2BX | 14207/1305/Nov 27e | 9V1OI | 14242/1545/Nov 27w |
| EP2EY | 14217/1305/Nov 22e# | LI2B | 14205/1415/Nov 23m | VU2AED | 14225/1300/Nov 28m | | |

EUROPE CW

| | | | | | | | |
|-------|--------------------|--------|--------------------|--------|--------------------|--------|---------------------|
| CT2BZ | 21028/1620/Nov 22w | GJ2LU | 14003/1415/Nov 28w | HA0DU | 21065/1400/Nov 25m | SP3HJB | 21037/1500/Nov 24m |
| DL6VP | 14026/1330/Nov 28m | GM3JDR | 21085/1605/Nov 20m | HA0KLL | 14059/1540/Nov 25m | TF3JB | 21007/1530/Nov 19w |
| DL7CQ | 21042/1320/Nov 20e | GWLMOP | 21012/1645/Nov 23w | HB9PV | 14044/1250/Nov 23m | UK2FAM | 14008/1350 Nov 20m# |
| DL6ZZ | 14097/1300/Nov 24m | GULDA | 21027/1610/Nov 27w | LA0EW | 14025/1730/Nov 23w | UK4WAB | 21025/1910/Nov 25m |
| EA4CR | 21007/1700/Nov 23w | GU4BVE | 14027/1745/Nov 25w | LZ1KSO | 14020/1455/Nov 23w | UK5JAA | 14030/1325/Nov 28m |
| EA6AU | 21025/1615/Nov 20e | HA5KHS | 14025/1405/Nov 25m | LZ1VQ | 14050/1545/Nov 25m | UP2CY | 14027/1530/Nov 27m |
| EA6FD | 14102/1630/Nov 25m | HA5KF | 14010/1420/Nov 20e | OK2KR | 14009/1450/Nov 20m | YU3FS | 21030/1340/Nov 23m |
| EI2CV | 21018/1540/Nov 20w | HA7MC | 21042/1410/Nov 25m | ON6GU | 21036/1445/Nov 24m | 4U1ITU | 21031/1600/Nov 20w |
| EI9J | 21014/1720/Nov 21e | HA8KAZ | 14055/1330/Nov 23m | ON6HH | 21022/1615/Nov 20m | 9H1CH | 21015/1530/Nov 24w |

(e = eastern states m = middle states w = western reaches ka = okinawa ve = nova scotia, etc)
(all times in gmt # = long path ?? = Slim....a good cw operator....but hardly true-blue....)

6 December 1977

MORE RED EYED LOUIE

O Lonely Night, last forever!
You have made me learn to love and live,
And work DX.....

EUROPE SSB

| | | | |
|---------------------------|----------------------------|---------------------------|---------------------------|
| DA1PL 14228/1525/Nov 24w# | GD2HCX 21405/1555/Nov 20m | OF3TJ 14220/1450/Nov 21w | SV1AE 14205/1445/Nov 23m |
| CT2BB 21355/1825/Dec 1w | HA5KKN 21303/1350/Nov 23m | OH8OS 14210/1650/Nov 24m | UA6HZ 14203/1200/Nov 27e |
| EA6BG 14195/1520/Nov 25w | I2VDX 14201/1530/Nov 24w# | OH2NA 14208/1415/Nov 23m | YU2DX 14215/1600/Nov 22m# |
| EA6BG 14215/2030/Nov 24e | IS0LBU 21352/1650/Nov 22m | OK1AMB 14227/1635/Nov 21w | 3A2HB 14242/1220/Nov 22e |
| EI1CN 14202/1840/Nov 19w | IK8MPO 14214/1410/Nov 24m# | ON4UN 14210/1550/Nov 20m | 9H4G 14207/1620/Nov 26w# |
| GU2HML 21352/1645/Nov 22m | LA7OH 14202/1930/Nov 21w | OY5J 14235/1320/Nov 23m | 9H1FF 21364/1550/Nov 22m |
| GULBVE 21278/1500/Nov 24e | LZ1KDP 14236/1445/Nov 21m | PA0ALO 14208/1545/Nov 25w | |
| GULBHF 21278/1430/Nov 24e | OE2EGL 14307/1215/Nov 27e | SP6KSF 14236/1210/Nov 27e | |

ELSEWHERE'S CW

| | | |
|---------------------------|---------------------------|---------------------------|
| CX5RV 14026/2350/Nov 24m | KV1AA 14038/2240/Nov 24w | VP2GLE 14015/1500/Nov 23w |
| K0AX/DU2 14008/1405/ 20m | KZ5LD 14040/1330/Nov 19m | VR6BA 21036/2315/Nov 21? |
| FK8CL 14041/0750/Nov 17m | LU1DEH 14036/2355/Nov 24m | YB7AAU 14066/0105/Nov 26m |
| HC2TI 14031/2300/Nov 24w | PJ2VD 14042/0600/Nov 26m | YB0ACT 14034/1345/Nov 24e |
| HI8XDF 14005/2230/Nov 24w | PP5AJA 14027/0015/Nov 25m | YN1Z 14003/0015/Nov 23w |
| HI8LPC 14045/0025/Nov 25m | TI2AD 14053/1345/Nov 20m | ZF1CD 21026/1715/Nov 21e |
| HI3PC 14031/1900/Nov 23m | TK7GAS 14047/0140/Nov 22m | ZF1CD 14025/2230/Nov 24w |
| HK0HKX 140382355/Nov 24m | VK6HD 14025/0050/Nov 24e | ZL1NG 21026/0100/Nov 22m |
| KGLFW 14027/0000/Nov 22m | VP1PG 14004/1405/Nov 19e | ZS1ANT 14046/0100/Often |
| KPLDQP 14041/2340/Nov 28m | VP1AH 21028/1715/Nov 21e | 3D2MD 21023/1850/Nov 19w |
| KM6BI 21055/2300/Nov 19w | VP2SG 21035/1540/Nov 19w | 9Y4XX 14024/0020/Nov 24m |
| KX6LA 21050/0000/Nov 27w | VP2SZ 21033/1915/Nov 24e | 9Y4VT 14031/0550/Nov 26m |

ELSEWHERE'S SSB

| | | | |
|---------------------------|----------------------------|---------------------------|---------------------------|
| CE6BSH 14202/0015/Nov 25m | HI8XDJ 21355/1845/Dec 1w | OALCBE 21395/2000/Nov 22e | VP8JE 14212/0220/Nov 21m |
| CE0AE 21355/1800/Nov 23w | HI8HMC 21355/1915/Nov 25m | PJ8AT 14208/1210/Nov 20m | VP8JC 14212/0220/Nov 21m |
| CO2HT 14209/2240/Nov 23m | HP1SI 14212/1950/Nov 22e | TG8DX 21355/1825/Nov 23w | VP8PL 14224/0245/Nov 21m |
| DU1REX 14225/0020/Nov 23w | HP1SI 21327/1950/Nov 22e | TK7GAS 14222/0340/Nov 23e | VP8PC 14210/0110/Nov 24w |
| FM0AMF 14204/0130/Nov 28e | J3AH 14250/0055/Nov 24e | PZ1CZ 21390/1700/Nov 21m | YS1MAE 21355/1840/Dec 1w |
| FO8DP 14232/1545/Nov 26w | KC4AAA 14218/1500/Nov 24m | VP1AH 21276/1930/Nov 25m | YS1AJE 21295/1910/Nov 21e |
| HC6JA 21392/1955/Nov 22e | KC4USB 14209/1215/Nov 26e# | VP2KT 14281/0140/Nov 28e | ZP5NG 21415/2000/Nov 22e |
| HC8GI 21355/1820/Nov 23w | KC4USV 14230/1435/Nov 26m | VP2SQ 14197/2120/Nov 21e | ZP9AK 14202/2250/Nov 18w |
| HI8XKC 14231/1250/Nov 28e | KG6SW 14219/1345/Nov 23m | VP2AZB 21262/1720/Nov 21e | ZS1ANT 14207/2345/Nov 24m |
| HI8JAF 14200/0410/Nov 22m | KP4CH 21325/1725/Nov 24e | VP2SZ 21355/1825/Nov 29w | 6Y5AB 21295/1855/Nov 21m |
| HI8LAP 21297/1915/Nov 25m | LU6EGU 21425/2005/Nov 22e | VP8OL 21298/2255/Nov 23m | 9M8HG 14225/2350/Nov 24w |

LOW BAND LOUIE

| | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|
| CN8CC 7001/2250/Nov 24e | JA8IEV/JD1 7008/0935 20m | SP6PBB 7003/2300/Nov 21e | Y03JJ 7002/2300/Nov 21e |
| CE0XA 7014/0450/Nov 23? | LA6U 7035/0335/Nov 18e | SLKY 7027/0530/Nov 19? | YV4CB 7024/0410/Nov 22e |
| CO2OM 7009/0345/Nov 22w | LZ2JF 7002/0330/Nov 22w | TI6CC 7003/0400/Nov 23e | ZF1CD 7005/0130/Nov 25e |
| K0AX/DU2 7007/1250/ 19e | OE6MKG 7018/0345/Nov 21e | TR8SS 7007/0310/Nov 24w | ZE2JS 7016/0345/Nov 18w |
| EA3EF 7014/0055/Nov 18e | OK1XN 7009/0350/Nov 22e | UA1DZ 7001/0345/Nov 22e | ZS6KO 7007/0345/Nov 22w |
| EA8EX 7046/0825/Nov 25m | OK1FMB 7008/0415/Nov 22e | UK6LEZ 7019/2355/Nov 21e | LX4BT 7006/0220/Nov 23e |
| EP2SV 7001/0315/Nov 22w | OK3RFF 7017/2335/Nov 24e | UB5XBA 7009/0200/Nov 20e | 5ULGT 7030/2330/Nov 17? |
| EP4EA 7028/0655/Nov 19m | OZ1LO 7008/0715/Nov 19m | UA6LWI 7003/0350/Nov 22w | 9K2DR 7003/0200/Nov 20e |
| FO8DT 7027/0600/Nov 22m | OZ3Y 7003/2235/Nov 24e | VP2MRJ 7007/0110/Nov 23w | 9Y4XX 7026/0600/Nov 22m |
| GM3JDR 7005/0955/Nov 20m | PJ8JM 7027/0355/Nov 22w | VP1AH 7005/0350/Nov 22e | |
| JF3CCN 7028/1330/Nov 18m | JA8UI/PZ 7003/0930 22m | VU2YKK 7003/0115/Nov 25e | |
| DJ6TK 3799/0530/Nov 24m | KG400 3758/0510/Nov 23e | UB5ABH 3510/0350/Nov 22e | YV5ANT 3510/0235/Nov 25e |
| G6IF 3793/0040/Nov 20m | LU4DLF 3585/0315/Nov 25m | UQ2AN 3510/0530/Nov 25e | ZE2KV 3507/0305/Nov 25m |
| HA3KNA 3506/0330/Nov 25e | ON4FY 3792/0300/Nov 20m | UA2FCW 3510/0530/Nov 25e | 6Y5MP 3780/0305/Nov 23m |
| HA5KKN 3784/0510/Nov 18m | TK7GAS 3592/0435/Nov 23e | VK6AS 3687/1155/Nov 24w | 7P8BE 3798/0315/Nov 25e |
| HB9AWW 3793/0035/Nov 20m | UA1DZ 3501/0435/Nov 25e | VK7AE 3687/1155/Nov 24w | 9K2CR 3507/0345/Nov 25m |
| HB9AFM 3798/0515/Nov 24m | UK5WBG 3501/0230/Nov 25e | V02AB 3777/0245/Nov 23m | |
| JY7DI 3785/0400/Nov 19m | UK2BAS 3502/0420/Nov 25e | VP2KN 3780/0325/Nov 24m | |
| KG6JTH 3790/1450/Nov 28w | UK2RAX 3507/0455/Nov 25e | VS6DM 3790/1450/Nov 28w | |
| HB9RM 1826/0600/Nov 15m | PY1RO 1826/0525/Nov 13m | ZF1CD 1802/0200/Nov 21m | |
| HI8JAG 1825/0400/Nov 13m | VP2DD 1826/0210/Nov 18m | | |
| KH6ILA 1803/0730/Nov 20e | YV4TI 1826/0350/Nov 15m | | |

6 December 1977

CALENDAR

EQUATORIAL GUINEA

WALVIS BAY

BOPHUTHATSWANA

MALI

DELAWARE/OSCAR 7

FERNANDO DE NORONHA

SPANISH CW TEST

HUNGARIAN TEST

VU CW TEST

CALIFORNIA INTERNATIONAL The Big One!! 3rd weekend in April...at Visalia!

DX MEETING!!

301X by SMØAGD....currently active

ZS3WB there on what may be a new one. Work 'em!

Lots of H5s should be heard...another possible new one

VE3HRS/TZ6 being heard on twenty meters

December 11th. Orbits 14055/56/59/60 from Darkest Delaware!

PY1RO looking for another January effort..PY7APS in April.

This weekend....December 10/11th

Also this weekend...December 10/11th

And also this weekend...December 10/11th

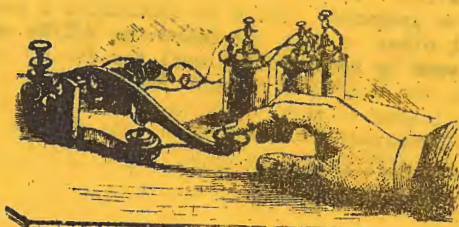
GOUGH ISLAND ZD9GG is on most days from 1500Z and usually in a schedule with ZS1Z. The antenna is a rhombic aimed at Pretoria. Often on to about 1700Z, ZD9GG will frequently pick up some of the Deserving DXers when finished with the routine on the schedule.

The frequency is 14320kc and it may take a bit of listening before you get a chance to call them. Patience! QSLs go to ZS1Z.

FERNANDO de NORONHA PY7EXC/Ø was on as scheduled for the CQ CW Test. If you missed this one, you will have a couple of more chances before long.

PY1RO is reported as planning a return to the island in January. Rolf was there a year ago in January. PY1RO does QSL and quickly.

In April PY7APS will be there for a week in April as either PYØAPS, a call he used back in 1967 and 1968, or as PY7APS/Ø. Gerson plans all bands, c.w. and SSB and OSCAR. He will not only QSL for the up-coming 1978 operation but says that if you still need a QSL from his PYØAPS or PY7APS/Ø back ten years or so he will come through with those for a SAE/IRC.



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next HRO Dxpedition**

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5. CW 820 and DS-1A
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(213) 988 2212

ARRL It is rather definite....STV can be submitted as of March 1st but any early birds will be kicked back. Geyser Reef will be deleted....

The Transkei matter is still wrapped in a cloud of indecision. S88 has been in existence for over a year but no determination has been made on it for DXCC purposes. Some of the problems with this one have been noted in print in other areas and the main hang-up would appear to be more political considerations than the application of the DXCC criteria.

WARC 79 and the reaction of other nations in Africa is a point of worry and concern. Most if not all of these opposed the creation of the South African homeland and voted against admission of Transkei to the United Nations. However, the problem does not go away and Bophuthatswana comes this week with more to follow.

TNX to W1MV, W1VV, W2AG, K2BT, W2FP, WB2RLK/VE1, N3ED, AA4AA, W4BAA, WB4EDD, N4GE, AA4GM, K4JYS, W4KA, W4LCL, W4LYV, W4OUF, W4QDP, WB4RIS, W4UF, N4WX, N4XX, K4ZYU, W5AK, K5AQ, W5CPI, W5DD, W5FL, W5HKA, K5HWO, W5JW, WB5KWU, K5OVC, W5OSJ, K5RO, ADXA, W5USM, WA5YGX, K6AQV, K6AC, WA6BJS, K6EC, K6JG, K6KAQ, K6LAE, W6RQ, WA6TLA, W6TSQ, K6UFT, K7ABV, W7BCT, WA7OBH, W7TE, N7UT, W8GZ, W8JXM, K8PYD, W8ZOK, W9SS, W9DWQ, WA9FFZ, K9GM, K9UIY, K0BJ, K0LST, N0RF, KA6PS, XE1XR, SM6DYK, OE1ZGA, KH6BZF.

WEST COAST DX BULLETIN Published every week by the Marin County DX Group. One of the Local QRPers was up the hill last week and obviously it was not the joyous season for him. "You know something," the QRPer said, "I waited a long time for Cycle 21 to come, all the time thinking about the Great Days of DXing you were promising. Now I wonder why I wasted my time waiting." We were aghast!! Absolutely!!! We had to know more about this plaint. Ten meters had had lots of action, Africa is back everywhere on fifteen and twenty and DXers are scooping up things. "Oh, it's not that the bands are not open," the QRPer said. "It's just that I can't work anything. Last week I tuned up on fifteen, called 'CQ Europe' just once and everything from GDs to LZs came back, even one fellow in there with a ZA something. It was Europe from sea to sea and front to back. All of them!" To us this was sounding great....but apparently not to the QRPer. "They never stopped calling," the QRPer complained. "They just would not stop calling. Everything and everyone was calling me and I could not copy any call signs. When I tried to fish one out no one could hear me. I ended up working nothing at all. What's so great about a day like that?" He had us there for someone has said that too much of a good thing might be hard to handle. But though we searched our memory, this was the first DXer we could recall complaining about something like this. "And all you called was 'CQ Europe'", we asked and got a nod of affirmation. Son of a Gun! What could we say for maybe the Great Days of DXing were upon us and we were not quite prepared. While we commission a study of this enigma and learn why all those Europeans are trampling each other to work the Deserving W/K/Ns and AAs, the late report on this international problem will come each week by second-class mail for \$14.00 in the U.S. \$18.00 gives it the unparalleled first-class treatment to the U.S/VE/XE areas. \$20.00 flies it down the star path to all the DX lands where some have waited even longer to work a W/K than they have to work YI or Clipperton. As Lord Baden-Powell would often say: "Be Prepared!!"....and don't call "CQ Europe"!

////////////////////////////////////

West Coast DX Bulletin
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San Rafael, Calif. 94901

**first
class**