

November 16, 1976

46-76

THE COLVINS Lloyd and Iris moved on to the British Virgin Islands after the recent DX Test, arriving there on November 4th. Since then they have been reported on several bands signing VP2VDJ.

They should be there for some weeks yet, operating several hours each day, both c.w and SSB. They will be moving down the chain of the Lesser Antilles with the intention of operation from all the VP2s plus a few other miscellaneous calls along the way.

This is another YASME effort and QSLs go to Box 2025, Castro Valley, Calif. 94546.

QATAR G3XHZ, John Farrer, will be in A7-QATAR from this coming January and will be there for two years as the Engineer on the installation of an entire water supply for both the present and future development in the capitol city of Doha.

G3XHZ plans to work on the 20-45/10 frequencies, figuring to erect antennas after his arrival there. Activity in the Qatar sector has not been overwhelming in recent years, the last sustained activity being around 1973 or so. Intermittently, A7XA is heard, often on twenty SSB mobile. This figures to be the ruler there and one of the leading amateurs in Doha.

There is an excellent possibility that the Northern California DX Foundation will be helping with the QSLing. There will be more on this before G2XHZ departs for the Doha water works.

MA MAYOTTE/COMOROS FH8GV is being heard from that portion of the Comoros which decided to stick as a department within the French government. This one was on forty c.w.7028kc/0500Z on November 5th and worked by a good number of stateside stations. The signal tends to drift slightly and there is a slight chirp, not too noticeable but there. QSL to F8FI. The east coast reported good signals on this one.

St MARTIN There will be action from this dual-administrated island later this week with Frank Jerome, W5AT, and Gil Wood, W5NUT, figuring to open there this Friday and faithfully answer all callers right across the coming WW CW Test until about December 1st.

From Sint Maarten they will be signing PJ8CM and PJ8JM. From the Saint Martin side it will be FS7P/FG0CJK.

There will be a HY-GAIN TH6DXX beam for 20/25/10mtrs and dipoles for the other bands. They plan to work everything from 160 thru ten from Saint Maarten. From the French side they will work 20/40mtrs on a Hustler antenna. They figure to operate from the Mary Bocns Hotel though some scouting and patrolling after they arrive on the island may turn up a better spot.

Before and after the contest they will be looking for satellite operations through OSCARS 6 and 7. This figures to be a first for satellite activity from PJ8 or FS7.

QSLs can go via Gus Browning, W4BPD or to W3KT (with 5¢). The home calls for both W5AT or W5NUT are okay in the callbooks. If you check you will find that W5AT goes to 908 Holoway, Midwest City Okla. 73110 and W5NUT to Rt 1, Box 152, Shawnee, Okla. 74801. That's what you might term comprehensive QSL information!

SUNSPOT LOUIE Son of a Gun! Just when it appeared that things were getting brighter, they turned dark again.

Last week we noted no active areas. This week there is more of the same. Nothing for a whole week. As we headed into this last weekend WWV was reporting a minor ionospheric storm in progress and the A Index was up in the 17 country.

For those Deserving DXers looking for a brighter day, this cannot go on. But it will. It may get a bit better at times but not for the contest period. The holiday season is almost upon us and there is yet little for the DXer to get cheery about.

But Cycle 21 will be here yet. All the spots from October 19th to 31st were from Cycle 21. The activity late in October got jumping enough to push the daily count up into the 30's, maybe even into the low 40's. But with the end of October was also the end of the activity and on November 1st the count dropped to 0.

How does one tell whether a spot belongs to the aging Cycle 20 or the new and vigorous(?) Cycle 21. As they say on Madison Avenue: "You can tell because it is NEW, NEW, NEW!!". Or you can check the polarity.

Cycle 21 spots in the northern hemisphere has its leading spots showing a + polarity while the leading spots in the southern hemisphere show a - polarity. The spots in Cycle 20 were just the opposite in polarity.

All of this is quite simple to those who understand. If you do not understand, just believe!! And believe you that there will be some good days ahead.....and some bad days as well. And, as always, in between there will be more of the same. But just believe that Cycle 21 is coming. Stand outside at each dawn and watch the eastern sky for the signs. The Sunspots are coming!!

But not in the next couple of weeks. Looking to the upcoming World Wide CW DX Test, W4UMF figures out some High Normal ndays and some Low Normal Days. And a Below Normal Day to start the contest. Brace yourself for it will be----

| | |
|---------------|-------------|
| November 16th | High Normal |
| 17th | Low Normal |
| 18th | High Normal |
| 19th | High Normal |
| 20th | High Normal |
| 21st | High Normal |

| | |
|---------------|---|
| November 22nd | High Normal |
| 23rd | High..but LN at times |
| 24th | High Normal |
| 25th | High Normal |
| 26th | Low Normal |
| 27th | Below Normal |
| 28th | Low Normal---but Below Normal at times. |

Considering the curve on the cycle, things were good for the SSB session. They may not be the best for the CW session. But get in there anyhow....try!!

On the WWV report, K6EC has all the answers and Ev says it was-----

| | Flux/A | Index |
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| November 1 | 72 | 9 |
| 2 | 70 | 6 |
| 3 | 71 | 5 |
| 4 | 71 | 3 |

| | Flux/A | Index |
|------------|--------|-------|
| November 5 | 72 | 3 |
| 6 | 71 | 2 |
| 7 | 71 | 3 |

November 1976

SHORTLY NOTED We suspect that some may recall that some months back we wrote that there would be no change from one sunspot cycle until the elections were over. It should be significant that the activity in October abruptly dropped to 0 on November 1st and there has been nothing since.

That ought to make some believers!!

Sometimes there is wonderment over a strong signal and a wonder what the station might be running. Sometimes not as much as you may think. HL9TS with a consistently strong signal is running 300watts to a 3-element beam. JA1CWZ also on forty c.w. runs 5 watts.

We are working on what is hoped to be a new format for QSL information. It is not ready to fly but hold on a bit if you are needing some run of the mill information. Meanwhile, you can QSL WB4SJK/6Y5 to KL4QMQ. They had over 4400 QSOs in the WW SSB go-round. Full address is 125 Bradham Drive, Watkinsville, Georgia 30677. Also, there is a new address for WB5HVV who handles KJ6DL QSLs. The Post Office has stopped forwarding from the old address....the true-blue one is...Floyd Gerald, 4706 Washington Ave., Gulfport, Mississippi 39501.

VK9RH has been set to meet W2JST Tuesdays at 0300Z around 14219kc. LU1ZA QSLs to LU2AFH. As long as we are in the contest, try VE2KQ for VE2AQS/TG9. He will also take TG0AA QSLs. FG0CXV/FS7 to W4PRO..VP5M to WB4QKE. VP5IZ to WA4SGF, VP2GMB to W5MYA and FM0MM to WA1JKJ. Those two West German stations working down the VP2s go to their home QTH.

Some XE stations are starting to talk about a possible XF4-party in or around March of next year. No solid plans yet, but the talks are on and the XEs are starting to lean that way. XE1J has been the solid operator in many of the Revillagigedo operations in the past and it would hardly seem an operation without Jose.

The Colvins are presently on Beef Island in the British Virgins. QSLs still go to the YASME post office box in Castro Valley though the QSL staff has been augmented by the addition of Rubin and Ferne Hughes, WA6AHF et ux.

If you look close at that Merril Lynch TV commercial on the space program you might note among the array of electronic marvels what certainly must be an Atlas transceiver.

8P0A goes to WA4RRB. The rather rare YB4ACY goes to K7LAY. W3VW will be in Taiwan in early December and will be checking out the action at BV1A. TU4RV will be there for about three months....easy to find, he is crystal-controlled at 14025kc. G5RV will be the operator.

Back in the warm days of last summer, WA6QFN and WA6QFO were active from Midway. What we are trying to find is whether anyone got a QSL for a contact. KV4JV goes to F.Milia, 3 Brookcrest Court, Rockville, Maryland 20854. This was from the WW SSB Test-Oct 30/31st. This is also the same who signed LU2DC/KV4.

WEST COAST DX BULLETIN Second class entry and postage paid at San Rafael, Ca.

Published every week by the Marin County DX Group Hugh Cassidy WA6AUD

\$11.00 per year by second-class mail in the U.S. \$14.50 per year by first class mail in the U.S./VE areas. \$17.00 per year for airmail to Mexico and all the far DX lands down the long path towards the new day....

MORE SHORT NOTES

It does appear that we have emphasized the deletion of contest reports so intently that many fail to even note unusual things or stations in the contest. We would still like to hear the unusual and news worthy. What is not sought are Red Eyed Louie reports for contest action.

While we are in that alley, it might be noted that the cut-off on Red Eyed is roughly two weeks prior to the publication date of the bulletin. Thus for this issue we cut off just about November 1st. This may help in checking the activity. Also, those business-reply envelopes are no longer valid....we closed out the permit. No bare business-reply envelopes have been sent out since the end of June....everything has had the postage affixed. We have asked that they be destroyed....the bare business reply envelopes...but they continue to surface. If you have any on hand, it would be appreciated if you would dump them. But not the ones with the 13¢ postage affixed. They are good.....

New officers for the Eastern Iowa DX Assn for the coming Contest Year are: President, James Spencer, W0FHE; Vice-president, Tom Lindgren, WA0WCR and Secretary-Treasurer WA0VLDX Dave Jaksa.

WA5OCN has the logs for the C21ME activity now and will get the QSLs into the mails as soon as the printer delivers.

The Colvins made over 6800 QSOs from W6KG/AJ3 in the WW DX Test. They operated from October 8th to 31st. This included 125 DXCC countries worked from this KVL4 stop.

The Colvins are always coming up with a fast WAC and from this stop their best time was 3 hours and 50 minutes. The stations worked were 4X4GD, VK1RM, G3ZDW, W2PN, PY1NEW and CN8AD....that was for 7mc. They did better on twenty with a one-hour WAC with ZS1XR, OE1UZ, VK2QL, UI8IZ, W1BFT and PY1EUM. They should be plowing the DX in the Windward Group and adjacent areas well into the Spring of next year.

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TWO

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Burlingame Bob Ferrero W6RJ/K6AHV Van Nuys Jim Rafferty K6AAR

16 November 1976

THE BIG QRM The Suffering DXers have had the Big QRM as an added burden since last summer and it does appear that the problem has moved into the International field. Aviation Week and Space Technology in an early November issue gave considerable space to the matter.

Often quoted as an authoritative source, the magazine noted that the FCC, after sending several protests to the USSR over the sending of the pulsed signals, has lodged a protest with the International Frequency Registration Board, a section within the International Telecommunication Union. The signals are suspected to be from a Russian over-the-horizon radar.

Apparently there have been no reports of interference to the HF frequencies used by the airlines in the North Atlantic for communications. It was noted that the complaints first came to the FCC last July with amateurs being the principal complainers. The pulsed signals have a repetition rate of 10/sec but the wide bandwidth, extremely so, changes from time to time. Signal bandwidth, according to the FCC, varies from 30kc to more than 300kc at times.

Some engineers feel that the pulse repetition rate is too slow to permit use of the Doppler shift techniques, used to detect high-speed targets. The slow repetition rate would be useful only against slow moving targets such as ships is the feeling of some.

In July the FCC complained to the USSR on the interference, following the initial complaint with three follow-up complaints. Early in October the FCC took the matter to the International Frequency Registration Board.

As noted earlier in the bulletin here, the signal is from the vicinity of Minsk. The intermittent nature of the pulsed signal and the changes in the frequencies used are indicators that the QRM may originate with a new and experimental over-the-horizon radar. It has been monitored at times all over the HF band, from 3 to 30 mc. Performance of over-the-horizon radars are affected by the frequency used and the time of day, these signals depending on reflections off the ionosphere.

There is speculation yet as to what use is intended for such a system, whether it is over surveillance of North Atlantic shipping or for detection of missiles.

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16 November 1976

AND MORE RED EYED STUFF

ELSEWHERE'S SSB

| | | | | | | | | |
|--------|----------------|----|--------|----------------|-----|--------|----------------|----|
| CX5BT | 21302/1455/Nov | 7e | LU1ZA | 14220/2320/Nov | 1m | VP8OT | 14214/2340/Nov | 4w |
| FG7AS | 21348/1800/Nov | 5e | PY6SL | 21299/1920/Nov | 4e | VP8MS | 14214/2355/Nov | 4w |
| FP8DX | 21302/1900/Nov | 7e | PY8ZAE | 21293/1930/Nov | 4e | VR6TC | 21352/2345/Nov | 2m |
| HI8XEU | 14264/2250/Nov | 1e | PZ1DR | 21301/1500/Nov | 7e | YB2SV | 14212/2300/Nov | 6w |
| HP2XHQ | 21365/1500/Nov | 7e | TI2EL | 21387/1515/Nov | 7e | YB4ACJ | 14222/1530/Nov | 2w |
| KC6CG | 14225/1655/Nov | 9w | TG9KA | 14218/1610/Nov | 8e | YV5ATX | 21371/2110/Nov | 4e |
| KPLJH | 21327/1445/Nov | 6e | VK9RH | 14222/0305/Nov | 2m | VS5MC | 14225/2320/Nov | 7m |
| KC4AAC | 14220/2350/Nov | 2w | VP2ABC | 14232/1315/Nov | 6e | ZP9AJ | 14220/0000/Nov | 3w |
| KX6BU | 21334/1955/Nov | 7e | VP2VDJ | 21303/1825/Nov | 6e | ZL2VT | 14243/0535/Nov | 6m |
| KX6LJ | 14346/0945/Nov | 7e | VP7EU | 21252/1445/Nov | 30e | 8P7FX | 14203/2130/Nov | 3e |
| LU2AFH | 14220/0025/Nov | 2w | VP8OI | 14210/0230/Nov | 6w | 9YLVT | 14231/1450/Nov | 7w |
| LU5DRH | 21306/1520/Nov | 7e | VP8OL | 14215/0045/Nov | 2w | | | |

(e = eastern states m = middle states w = western reaches kv = virgin is. etc)
(all times in gmt # = long path ??? = Slim!! Always excitement when Slim is there)

ONE-SIXTY W1BB has turned loose another edition of his informative 160 METER DX Bulletin. The November issue runs to six pages crammed with information on the Top Band and the 160mtr DXers. You can get a copy by sending a sase with sufficient postage to W1BB.

For those who wonder what might be on 160mtrs, KV4FZ notes that in the first three hours of the recent DX Contest, he exceeded the existing record for points in the contest and finished with a total of over 35,000 points. The previous record was 8800 points.

Herb notes that in the contest he found DL0KF, EA8CR, FY7AK, FG0MM, FG0CXV/FS7, WB4ZNH/C6A, G3UBR, GM3YCB, GD4BEG, HK4EB, HB9AUS, HP1KC, K8HIR/HI3, KP4EAS, KZ5AA, WA2CPX/KV4, KH6CHC, KL7GKI, PJ0A, PA0HIP, TI2CF, TG0AA, DJ0UP/VP2S, VP2VDH, VP2DQ, VP2LL, VP5M, W4EV/VP9, VP1MPW, ZR1RE, ZL2BT, 6Y5BF, 8P7EU, PY1RO, 9Z4NP. All that was need was Asia for WAC in the contest.

That FG0MM was #100 for K1PBW on one-sixty. TA2F was active and this is ex-KL7HEE. QSLs go to K8KAS. Father Dave Reddy on Easter Island has received the Viking Valiant that will put him on one-sixty. Everything was in the package.....antenna, co-ax and integrated converter.....and CEB0AE will be heard on one-sixty soon.....if not already..

Efforts continue to get permission for more 1.8mc activity and the REF has joined the efforts of F8VJ/F8EX/F3AT in requesting one-sixty approval from the DMRI, the French equivalent of the FCC. Similar efforts are moving in Denmark with OZ1LO and OZ1W working for the one-sixty permission. XE3EB is now on one-sixty, the information being that Mexico has just restored the privileges on the top band.

K3IXD has a 160/SSB Net going.....9:00p.m. EDT at 1812 and are trying a new 160/WAS Net at 0300Z on Thursdays. W0IUB notes that it would help if contest or DX stations would give some advance notice to their 160 plans. K6SE may be on from Chile around Christmas time.

CHAGOS WA6EGL/VQ9 is showing on several bands and often around 3798kc from 0030Z. QSL to K4FLA.

RHODES SV0WZ showing at 3595kc from after 0400Z. Listening above 3800kc.

16 November 1976

REPORTS FROM RED EYED LOUIE

Work DX along with me!

The best is yet to be.....

LOW BAND LOUIE

| | | |
|--------------------------|--------------------------|----------------------------|
| FG0CXV/FS7 1806/0505 7m | PA0HIP 1827/0220/Nov 7e | DJ0UP/VP2S 1802/0520 4w |
| FM0MM 1809/0430/Nov 4m | PY1RO 1802/0740/Nov 7m | XE3EB 1812/0545/Nov 7m |
| GD4BEG 1825/0230/Nov 7e | VE2AQS/TG9 1805/1000 2m | ZL2BT 1812/0700/Often |
| LU1DZ 1804/0300/Nov 7e | VP1MPW 1803/0425/Nov 6m | |
| C6ANY 3808/1125/Nov 3e | LU2AEZ 3508/0445/Nov 7m | UC2ABT 3514/0430/Nov 6e |
| DM2DGO 3510/0430/Nov 6e | PA0GMW 3799/2320/Nov 7e | VP2SV 3804/0115/Nov 8e |
| FG0CXV/FS7 3794/0450 5e | PY0ZAE 3787/0045/Nov 6e | VP5BIL 3804/0115/Nov 8e |
| FO0GC 3808/1055/Nov 3e | SV0WZ 3595/0430/Oct 28e | VS6DO 3805/1330/Nov 4w |
| GI3USK 3792/0045/Nov 7e | VP1MPW 3507/0325/Nov 5m | YO3JW 3790/1445/Nov 2w |
| HI5ORCD 3796/0950/Nov 7e | DJ0UP/VP2S 3506/0330 8e | YU2RQG 3799/2355/Nov 7e |
| HK0LG 3787/0115/Nov 6e | DL7PDI/VP2S 3506/0240 3e | WA6EGL/VQ9 3798/0030 Often |
| KC4AAC 3805/0400/Nov 5w | VP2DQ 3806/0750/Nov 7e | XE1KB 3800/0835/Nov 7e |
| K6QHC/KG6 3788/1210 6e | VP2DM 3804/0115/Nov 8e | ZL3NR/C 3799/1210/Nov 6e |
| CM7GH 7013/0210/Nov 1w | GI3OQR 7021/0310/Nov 7e | UR2RWA 7027/0110/Oct 30e |
| FG7AS 7005/0445/Nov 7e | HC2BL 7011/0345/Nov 4m | VP1MPW 7029/0500/Nov 4m |
| FG0CXV/FS7 7030/0500 8e | HI7JM 7010/0435/Nov 5e | VP2VDJ 7006/0020/Nov 8e |
| FH8GV 7028/0500/Nov 5e | HM1KE 7015/1615/Nov 8w | DJ0UP/VP2S 7005/0200 8e |
| FM0MM 7013/2315/Nov 4m | HM2JN 7004/1200/Nov 8e | YU3EU 7005/0300/Nov 8e |
| FO8EX 7006/0455/Nov 8e | JA1CWZ 7004/1200/Nov 8e | ZE2JS 7011/0435/Nov 7e |
| F8VJ 7002/0755/Nov 8w | PY0ZAE 7004/2335/Often | ZS3LK 7020/0205/Nov 7e |
| GD4AM 7005/1220/Nov 6e | VK3XU 7004/0815/Nov 1w | ZL3LM 7010/0700/Nov 1w |
| GM3JDR 7004/0855/Nov 8w | VK5BC 7092/0945/Nov 7e | 5Z4AC 7011/0510/Nov 9w |

AFRICA CW

| | | |
|-------------------------|-------------------------|-------------------------|
| D2AAI 21005/1655/Nov 7w | ZS6ME 21026/1535/Nov 5w | 9L1BH 14025/2000/Nov 5w |
| ZE4JS 14017/1910/Nov 2w | 9L1CD 14010/2110/Nov 2w | 9Q5SW 14024/2320/Nov 7e |
| ZS6AL 21022/1610/Nov 5w | 9L1CD 21009/1840/Nov 5w | 5T5ZR 21018/1645/Nov 7w |

AFRICA SSB

| | | |
|--------------------------|--------------------------|--------------------------|
| A2GSD 21287/1915/Nov 7e | XT2AG 21305/1745/Nov 6e | 7P8AC 21314/1649/Nov 7e |
| CN8MB 21311/1725/Nov 3m | ZD7SD 21288/1840/Nov 4e | 7P8BC 14333/1930/Nov 7w |
| EA8CR 21292/1720/Nov 3m | ZD8AB 14331/2010/Nov 6e | 7X2EFM 21309/1615/Nov 7m |
| EA8JJ 21267/1430/Nov 3e | ZE1FD 21398/1735/Nov 6e | 805ME 21288/1745/Nov 6e |
| EA9FF 21284/1700/Nov 5e | ZE1DT 14225/2000/Nov 3w | 9G1RQ 14224/2010/Nov 4e |
| EL2FS 14224/2050/Nov 4e | ZE4JS 21327/1815/Nov 5w | 9G1JM 21335/1740/Nov 6e |
| EL2R 21309/1825/Nov 6e | ZS1ANT 14225/0020/Nov 4w | 9G1MR 14205/0110/Nov 1w |
| EL2A 21268/1745/Nov 3m | ZS1IT 21286/1720/Nov 3m | 9G1GN 14238/2220/Nov 6m |
| EL80 21265/1600/Nov 7m | ZS4PB 21296/1800/Nov 5e | 9G1GG 14211/2150/Nov 5e |
| FR7ZE 21275/1650/Nov 5e | 5Z4KX 14210/1920/Nov 6e | 9J2GF 14204/1945/Nov 2e |
| FR7ZW 14233/1700/Nov 7w | 5Z4GX 14210/1940/Nov 6w | 9J2GJ 14333/2030/Nov 2w |
| W7JXE/SU 21315/1445 3e | 5T5CW 21415/1540/Nov 7e | 9J2LC 21304/1610/Nov 7w |
| TU2GG 21282/1800/Nov 5e | 5T5CW 14333/2020/Nov 7w | 9L1BH 21380/1435/Nov 8e |
| TU2EF 21249/1425/Oct 30e | 5T5ZR 21277/1550/Nov 7w | 9L1JF 14210/1815/Nov 8w |
| TU2CJ 14201/2045/Nov 2w | 6W8FP 14203/2005/Nov 4e | 9X5SM 14203/1915/Nov 7w |
| WA6EGL/VQ9 14210/0225 6w | 6W8FP 21272/1720/Nov 5w | |

16 November 1976

MORE RED EYED LOUIE

ASIA CW

| | | | | | | | | |
|------------|----------------|----|--------|----------------|----|--------|----------------|----|
| HL9TS | 14030/2230/Nov | 4w | UAØBAC | 14021/1730/Nov | 3w | UD6DLA | 14006/1310/Nov | 2e |
| HM2JN | 14037/0120/Nov | 5w | UAØCDG | 14039/2105/Nov | 4w | UK9WAP | 14029/1300/Nov | 5e |
| JH1KSB/JD1 | 14025/0035 | 9w | UAØEO | 14014/2225/Nov | 5w | VS6ER | 14017/1416/Nov | 4e |
| UAØIAO | 14035/0045/Nov | 3w | UA9YYY | 14024/0515/Nov | 9w | VU2BK | 14017/1415/Nov | 4e |

ASIA SSB

| | | | | | | | | |
|-------|----------------|----|--------|----------------|----|-------|----------------|----|
| BV2B | 14225/0050/Nov | 7w | UK9AAN | 14228/1315/Nov | 4e | 4Z4UW | 14228/1400/Nov | 4e |
| CR9AJ | 14225/2350/Nov | 8w | UD6DER | 14224/1340/Nov | 8m | 9V1NR | 14206/1600/Nov | 9w |
| HL9KW | 14225/2315/Nov | 6m | 4XL4CW | 21352/1410/Nov | 4m | | | |
| JY6TC | 21274/1400/Nov | 4m | 4Z4GW | 21319/1415/Nov | 4m | | | |

EUROPE CW

| | | | | | | | | |
|--------|----------------|----|--------|----------------|----|--------|----------------|----|
| DF6OY | 14028/1245/Nov | 2m | LA4VP | 14008/2020/Nov | 6w | UC2LAW | 14022/1325/Nov | 2e |
| EA1MN | 14016/1520/Nov | 5w | 4Z1WI | 14024/1535/Nov | 6w | UC2ABT | 14019/1355/Nov | 5e |
| EA1FD | 14014/1555/Nov | 3w | LZ2KHB | 14030/1300/Nov | 2m | UK1ZAS | 14008/1755/Nov | 8w |
| EI2CL | 14003/1640/Nov | 6w | OH1TT | 14002/2345/Nov | 8w | UK2PBR | 14007/1425/Nov | 2w |
| EI2DB | 14029/1605/Nov | 8w | OH4RH | 14017/2020/Nov | 5w | UK2PAF | 14027/1305/Nov | 2e |
| EI7CR | 14009/1805/Nov | 3m | OH7AA | 14037/2040/Nov | 5w | UK2ABC | 14021/1350/Nov | 5e |
| FC9UC | 14006/1515/Nov | 5w | ON5FC | 14013/1720/Nov | 6w | UK5QBE | 14027/1305/Nov | 5e |
| GC2LU | 14018/1455/Nov | 5w | ON4DY | 14008/1745/Nov | 6w | UK6AAU | 14026/1305/Nov | 5e |
| GD5HQR | 14058/1550/Nov | 1e | OY3H | 14022/1335/Nov | 6e | UQ2GDQ | 14041/1450/Nov | 4w |
| GM6GI | 14034/1625/Nov | 3w | OZ1VY | 14021/1800/Nov | 5w | UR2TAB | 14021/1330/Nov | 6e |
| GM2GVD | 14012/1810/Nov | 6w | OZ7HT | 14030/1550/Nov | 8w | UR3RCU | 14048/1255/Nov | 8e |
| GW3MOP | 14014/1430/Nov | 6w | OZ7AN | 14012/1715/Nov | 6w | UR2RSA | 14005/1510/Nov | 1w |
| GW3DPD | 14013/1655/Nov | 6w | OZ7BW | 14006/1720/Nov | 8w | UT5IB | 14018/1440/Nov | 2w |
| HA6KNI | 14034/1530/Nov | 6w | OZ9PP | 14020/1525/Nov | 5w | 7SL6DO | 14021/1415/Nov | 4w |
| HB9AFZ | 14004/1530/Nov | 7w | PAØLG | 14004/1650/Nov | 3w | 9H1CH | 14040/1940/Nov | 3e |
| I3OBO | 21020/1535/Nov | 2w | SV1PO | 14020/1425/Nov | 4e | 9H1CH | 21018/1600/Nov | 7w |
| JW2CF | 14023/1430/Nov | 4e | SP2AX | 14016/1800/Nov | 8w | | | |

EUROPE SSB

| | | | | | | | | |
|---------|----------------|----|--------|----------------|----|--------|----------------|----|
| DM2DGO | 14208/1350/Nov | 7m | ISØRUA | 14213/1700/Nov | 4e | ON7VT | 14218/1610/Nov | 8e |
| FC9UC | 14202/1605/Nov | 7w | HV3SJ | 14252/1845/Nov | 3e | PAØPAS | 21297/1445/Nov | 6e |
| EI8AI | 14241/1415/Nov | 5m | IT9KZW | 21296/1450/Nov | 7e | PAØHVK | 14244/1630/Nov | 7w |
| G2UX | 21275/1320/Nov | 3e | LJ2S | 14225/1655/Nov | 9w | SP5BT | 14206/1450/Nov | 6w |
| GD3JTIU | 14220/1405/Nov | 5m | LX1BW | 21294/1430/Nov | 7e | SP9VU | 14202/1615/Nov | 9w |
| GM3HHB | 21283/1325/Nov | 3e | LX1HW | 14202/1500/Nov | 7w | UB5UAT | 14220/1455/Nov | 6w |
| GM4DNM | 14222/1435/Nov | 4e | OE2RIL | 14223/1505/Nov | 7w | UK2FAD | 14209/1305/Nov | 5e |
| DK5VO | 14222/1445/Nov | 4e | OE1MBG | 14214/1325/Nov | 7w | UK2GKW | 14212/1505/Nov | 2w |
| HA8KCP | 14206/1500/Nov | 4e | OE9WOI | 14228/1530/Nov | 5w | UO5DN | 14214/1350/Nov | 4e |
| I8MJH | 21301/1510/Nov | 7e | OH2LU | 14214/1830/Nov | 2w | UR2RJ | 14244/1320/Nov | 7e |
| IØAMU | 14209/1520/Nov | 4e | ON5DQ | 21275/1305/Nov | 3e | UR2QD | 14218/1400/Nov | 4e |
| ISØRUH | 21287/1600/Nov | 6e | ON4DY | 14215/1500/Nov | 7w | | | |

ELSEWHERE'S CW

| | | | | | | | | |
|--------|----------------|----|--------|----------------|-----|------------|----------------|----|
| FM7AV | 14001/2230/Nov | 1w | LU1ZA | 21035/1805/Nov | 6e | VP2VDJ | 14037/2210/Nov | 5e |
| KP4EST | 21040/1830/Nov | 6w | PJ3SF | 14004/0010/Nov | 2w | VP2VDJ | 21018/1555/Nov | 7w |
| KX6LX | 14024/0155/Nov | 7w | PYØZAE | 14029/0015/Nov | 2w | DJ2UP/VP2S | 14026/1600 | 2w |
| KV4FZ | 21028/1800/Nov | 7w | VEØMAA | 14010/2100/Nov | 4e | VP9AH | 14015/1310/Nov | 8e |
| KZ5VV | 21034/2030/Nov | 3w | VK1RM | 14001/0645/Nov | 3w | VP9IF | 14022/2110/Nov | 4w |
| LU5DZX | 14002/0045/Nov | 8w | VK6HR | 14035/2335/Nov | 4w# | ZP5AO | 14025/0030/Nov | 4w |
| LU4WBF | 14020/0020/Nov | 8w | VK2EO | 14013/2125/Nov | 2e# | 8P6EU | 14005/2225/Nov | 1w |

16 November 1976

CALENDAR

SINT MAARTEN
BRITISH VIRGINS
St. KITTS
TRINDADE
WESTERN SAMOA
ROCAS ATOLL
AUSTRIAN 160mtr TEST
WW DX TEST
ARRL 160mtr TEST
HUNGARIAN TEST
SPANISH TEST

W5AT and W5NUT from this Friday...PJ8CM and PJ8JM
The Colvins active signing VP2VDJ
VE3EWY should be signing VP2KU to Nov 22nd
PY0ZAE very active....there for another month
5W1AZ from next Wednesday for a week or so....
PY-activity for a couple of days in December
This weekend....November 20/21st
Next weekend....CW go-round. November 27/28th
December 3/5th
CW only....December 11/12th
CW only....December 11/12th

PLANS.....WORLD-WIDE DX TEST November 27/28th

ZD8-Ascension by KPls and friends
G04-Guernsey by G3FXB and G3MXJ signing G04DDA.
VP2D-British Virgins. The Colvins will be there for the Test.
PJ8-Sint Maarten by W5AT and W5NUT
5W1=Western Samoa by No California Contest types
EP2-by Teheran amateur group
9Y4-Trinidad by the Order of Boiled Owls.

We had some fifteen special efforts listed for the WW SSB Test and at this point there is just less than half of that for the C.W test. Next issue will be the last chance to list any special activity and we must have it by this Thursday.

LU1ZA/SOUTH ORKNEYS This one has been showing on twenty.....LU2AFH was trying to take a list at 14220kc just after 0000Z on election night, November 2nd, but was drawing a lot of QRM. Keep watching.

SOUTH GEORGIA VP8MS and VP8OT have been heard and often found around 14215kc after 0000Z. VP8MS QSLs to K4MZU and VP8OT direct.

MADISON

MADISON ELECTRONICS 1508 McKinney Ave. Houston, Texas 77002
SUPPLY (731) 658 0268 DXers Line (713) 658 8021

CONTEST SPECIAL

HAM-2 ROTORS \$125.00.....Shipped from stock on hand!!

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Mosley's Classic 33 \$179.00 HY-GAIN 402BA \$160.00 18HT \$218

AMPLIFIERS ETO DENTRON DRAKE...in stock!! Call for a Quote!

SAVE 18AVT..plus 100' RG8coax \$100.00 CDE BIG-TALK Rotor w/100' cable \$100.

SAVE 15% minimum discount! Drake RL4C, TX4C, TR4C. United 572Bs \$27.00

All merchandise shipped FOB Houston. Call for items not listed

Max W5GJ Don K5AAD Mary W5MBB Dave WA5ZNY Rod K5BGB John W5AB

ARRL Ballots in the elections were mailed to full members in good standing in the Central, Hudson, New England, Northwestern Roanoke and West Gulf Divisions prior to October 1st. If you were in good standing as of Sept 10th and have not received a ballot, you should call or write ARRL immediately. They have to be in Newington by this Saturday.

WWV will be dropping the 2.5/20/25mhz transmissions after the first of the year. This is another 'economy' measure. You can complain either to the National Bureau of Standards at Boulder or to your U.S. Congressman or U.S. Senator. You probably will get more mileage for your stamp by writing to the latter two. The geophysical alert problem did not seem to move when letters were written to Boulder, they did move when congressional inquiries started to stack up.

Tnx to W1BB, W1DAL, W1MV, K1TZQ, W2AG, K2FL, W2FP, K2GBC, W3CDL, W4BA, W4BAA, W4EDD, W4HU, W4KA, K4KZP, W4OO, W4OXD, K4QMQ, K4SMX, W4TYE, W4UF, W4UMF, W5AE, W5AT, W5AUZ, W5EIN, W5LUJ, W5OSJ, K5OVC, W5USM, WA6AHF, K6DC, K6EC, K6HTM, W6ID, W6KPC, W6KYA, K6LAE, W6MTJ, WA6MWG, W6OBH, WA6TLA, W6TSQ, K6UFT, W6VD, K6VY, W6ZYC, K7ABV, W7BCT, WA7OBH, WA7UVO, K8IP, W8OA, W9FNN, W9SFU, KH6BZFFf, LU2DC, KVLfZ.

46-76
WEST COAST DX BULLETIN Published every week by the Marin County DX Group. One of the local QRPers came up the hill last week, right through an early season rainstorm, to put the question to us. "Last night I heard this FO8 calling 'CQ DX'," the QRPer recounted, "But when I answered him he said that stateside stations were not DX. Tell me!", the QRPer demanded, "Just what is DX anyhow?". And before we could speak he added: "And don't tell me it's an Oklahoma gasser." With all our quick replies cut off, we checked Mother Newington's file and found no definition of DX. So we took the question and the QRPer up the hill to the Old Timer, putting it directly to him and serene in the knowledge that the O.T always has an answer. And it was not long in coming. "You can check Random House's thirty-five pound lexicon," he said, "and you will find that they define it as 'distance'". But this is a relative term and eventually most will find that DX is a moveable feast. Putting it simply, DX is what you want but do not have. That's the way it has always been, that's the way it will be!" Son of a Gun!! What does one say when the Old Timer has spoken? Only that a full year of devious answers to direct DX questions will come your way by second-class mail for a full year for \$11.00. \$14.50 drives it down the pike by first class mail while \$17.00 flies it over the hills and far away to Mexico and all the DX lands where many an amateur tenses for all the DX stations calling him!! DX is a relative thing.....sometimes more so.

West Coast DX Bulletin
77 Coleman Drive
San Rafael, Calif. 94901

**first
class**