WEST COAST DX

++++	++++	++++	++++	++++	++++	++++	++++	++++	++++	++++	++++	++++	++++	++++
	Not	ven or 3	30, 1976	5							1	+8-76		

THE COLVINS Lloyd and Iris secured their British Virgin Islands operations after the CW Test this last week-end and will be showing up from a new location, possibly before the end of the week.

Their plans were a bit indefinite last week but previously they had announced that they would be working down the chain of the Lesser Antilles. Look for them in their usual operating areas.

TURKEY Franz Lagner, DJ9ZB, operated from TA-Turkey in the WW DX TEST SSB effort at the end of October and Franz reports that things were not as he had hoped.

Using a ground plane on twenty meters did not work out. The conditions for the U.S. just did not exmist and TA2ZB did not find the anticipated action.

Franz says that the next time out he will take a three-element beam along.

SUNSPOTS The problem with determining the bottom of the sunspot cycle is that this is usually not a sure thing until about six months have passed since the minimum. The September MONSEE bulletin noted that the present cycle, Cycle 20, has been longer than recent ones but has not yet reached the minimum values of 1964, 1954 or 1944.

Recently attention has been given to the fact that near each of the past five sunspot bottoms there has been a period of about three months during which the magnetic field near the earth has been predominately positive in polarity. Such an interval was believed to be occurring last summer and during late June and early July the Stanford Solar Observatory observed that the mean solar magnetic field to have 'away' or positive polarity in twenty-six out of the 27 days. There was some expectation that the 'away' polarity may continue for two months and that we would then be near the statistical sunspot minimum.

Other indicators are being noted. The sharp peak in February of the very low 2800mhz solar flux frequency days....the number of high latitude sunspots observed in recent months and the cumulative number of spotless days. These along with high cosmic ray level and low geomagnetic activity indicate the minimum is near.

You can turn to Sunspot Louie and find the sunspots are back. There have been sunspots since November 18th. It certainly would seem that the time for the sunspots to return has come and the good days are at hand. SUNSPOT LOUTE Last week we reported the absence of any sunspot activity up to November 17th. There was none. But on November 18th an active area was noted near the eastern limb, this at the time of sighting have one spot covering 100/millionths of the solar surface.

A day later another active area was noted near the western limb, this having two spots and not covering any large area, one/millionth of the suns surface. This area was gone the following day.

The area shown on this week's chart, this being the one area that was first noted on November 18th, has been an active spot, covering 180/millionths of the surface on the 22nd and was covering 140/millionths on chart. It was located then at 12°N and 04°E. It should be

53 NO.A

But that, while interesting, is more history than anything else. WWV was saying that conditions were not too good at the start of the CW DX Test last weekend. But there is more to come....like the Ten Meter Test, the Hungarian Test and the Spanish Test. And W4UMF has peered into the future and Ted says it will be something like this....give or take a few flux....

December	lst	High Normal	December	7th	Below Normal
	2nd	High Normal		8th	Low Normal
	3rd	High Normal		9th	Below Normal
	4th	High Normal		10th	Below Normal
	5th	High Normal		11th	Low Normal
	6th	Low Normal		12th	Low Normal

All of these are relative. But the DX is starting to come back and Red Eyed is finding more of that Africa DX, more Indian Ocean and more fifteen meter stuff. There is also more attention being given to the WWV reports and the Ap and the K reports. Check Ted Cohen's article in September 1974 CQ and you will find that the Ap is the previous day index.

Anyhow, many are confused and as we join in the throng, we find that K6EC as tuned in WWV faithfully and Ev says that the good words were:

		Solar Flux			Solar	Flux
Nov 1		73	 Nov	19th	78	
	16th	72		20th	75	
	17th	75		21st	· 75	
1	18th	77			~	

The good days of DXing look to return soon. There are charts and signs and reports. But the best way to check the band is to listen.....

RYØZAE Hal is indicating that he will be on Trindade until February. The electric power on the island is off from 0050Z to 0900Z every day. This tends to narrow Unings a bit but Hal has ordered batteries so he will have more options to pick the better hours for forty and eighty.

PIICK has yet to receive the PYØZAE QSLs from the printers..... The electrolytics need for 160mtr operation have come apart and this band has not been a source of any optimism recently. The thing just blew....

Miami, FL 21.P.A.F. . +1A. 3315/

HE

AMERICAN RADIO RELAY LEAGUE, INC.

NEWSCO S AN CONSENS.

November 18, 1976

25

Dear

just the Miami area that is affected. patching, and from correspondence we can see that it is more than recognize that there is a problem, especially as regards phone the operating practices of reciprocal permittees in the U.S. We This is to acknowledge your letter of September 15 concerning

on reciprocal permittees, including identification requirements and keep 14,200 clear for other kinds of DX activity; and information on the U.S. phone band (and the low end of the "Latin" band) in order to Region II policy of conducting phone patch traffic at the high end of subband edges; operating practices, including observance of the JARU terms, the packet will outline the FCC regulations which bear directly the ARRL Official Observer system. issued to a new reciprocal permittee from Latin America . In general information packet which we propose to send as soon as a permit is solution. To that end, we're developing a Spanish-language In most cases, we believe that education can be an effective

permittee before operation commences, or as soon thereafter as possible basis. For the information packet to succeed, it must reach the new the addresses of new reciprocal permittees on a regular and timely One problem which we hope to resolve shortly is how to obtain

which could set off a negative reaction overseas. how the problem can be alleviated, diplomatically and without rulemaking Of course, we welcome suggestions from you or from others as to 73,

Sincerely, your 5

1.1.2.

cc: RLB:dlf President Dannals

Richard L. Baldwin, WIRU General Manager

SINCE 1814 - OF, 18 Y AND FOR THE RADIO AMATEU

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The Thanksgiving Holiday threw everything out of kilter and nothing SHORTLY NOTED seems to be in place. It was a choice of work or football and turkey. We tried Thus, like the half-tones of KH6BZFff, , things do not turn out the all three.... way one hopes.

We will be back with the photo of Lee, however. That is our test pattern and one of these days you will really know how the Big Gun of Kaneohe appears.

JX2FL now QSLs via LALYF Hans Kinck, 3800 Bo I Telemark, Norway. Big QSL .. needs wide envelope plus 2 IRCs. JX2FL is again active this year and is mostly 14mhz SSB and RTTY. All the C21ME QSLs on hand have been answered by the QSL Manager. That WA6QFO/KM6 active from Midway some months back did QSL and QSLs to the home QTH did produce many attesting to this. That VQ8 noted along the way said he was in the British Navy and on Chagos. Did not hang around long. You figure that one out.

Subscription notices going out for some this week. Still think second class is the best and most economical. The second-class subscribers have topped all other classes and are now well over the 700 mark. First Class now under 600. 9D5B has been issued to EP20D. Bill Snider, K6KM, was the one signing 9D5A in the contest. QSL

30 November 1976

ARRL ELECTIONS The ballots were counted in the ARRL election for Director and Vice-Director in those divisions which ballot this year. The final tally came up with some changes.

Philip Haller, W9HPG, Director in the Central Division since 1963 and the Vice-Director there prior to that, lost the election to Don Miller, W9NTP, by a margin of 3235 votes for Miller and 2321 votes for Haller. Two years back Miller had made a challenge for the position and lost by a very narrow margin. This, in case you have the question in mind, is not the Don Miller of Minerva Reef and elsewheres.

Incumbents are very rarely beaten in the ARRL elections and this is the first instance in a good many years for a chair-holder to be topped. In the vicedirectors election in the Roanoke Division, Gay Milius, W4UG (W4NJF), was the winner over incumbent vice-director Donald B Morris, W8JM, Milius gathering 1568 votes to 1193 for Morris.

In the other divisisons the elections went for the incombents, this usually being the case in ARRL elections. They went in the following order....

Central Division Vice-Director

Hudson Division Vice-Director

New England Division Vice Director

Northwestern Division

Ed Metzger, W9PRN, won relection over Kenneth Ebneter, K9GSC, 3268 to 2233.

George Diehl, W2IHA, won reelection over George Hawrysko, K2AWA, 2561 to 865.

John Lindholm, incumbent, won relection over Fred Evans W1JFF. W1DGL got 1601...W1JFF got 1506.

Robert Thurston, W7PGY, the incumbent director, won over May Lewis W7QGP, 2216 to 1086.

In the Vice-Director contest, Dale Justice, K7WWR, won reelection over Dwight Albright, W7HLF, 2207 votes to 1051

West Gulf Division

The current vice-director, Jack Gant, W5GM, won in the contest for the director's post, beating John Sloop, WA5QCQ, 2603 to 673

In the contest for the vice-directors position, a three-way race found Douglas Brooke, K5YHX, getting 1704 votes to win with Thomas W Chance, WA5VJX getting 1095 votes and Tom Morrison, WB5IZN, betting 454 votes.

The incumbent directors were returned for another term without opposition in the Hudson, New England, Roanoke, Rocky Mountain and South western Divisions. Also, the vice-directors in the Rocky Mountain and Southwestern Divisions got another term without a contest.

UPPER VOLTA XT2RV opened up in mid-November and should be heard until sometime in February. This is R.L Varney, G5RV, and he will be looking to activate TULAJ during his stay there in West Africa. Look for him around 14025kc...he being rock-bound there. REPORTS FROM RED EYED LOUIE

If ever I said, in grief or pride, I tired of DX, I lied.....

LOW BAND LOUIE

G3RUE 1827/0610/Nov 14m GD4BEG 1825/0445/Nov 14m KH6CHC 1996/0625/Nov 20w	VP1MPW 1805/0400/Nov 19w VE2AQS/TG9 1904/0500 20w VE6NS 1805/0400/Nov 16m	ZL2BT 1812/0830/Nov 14m
CO2JA 3795/0600/Nov 18w CT1MK 3788/0730/Nov 20w DL1PM 3521/0710/Nov 18m DL6NI 3508/0625/Nov 18w EA3JE 3799/0645/Nov 14m EA8CK 3783/0740/Nov 14m EI8H 3788/0815/Nov 22w F3NB 3502/0615/Nov 24w F6ARC 3791/0715/Nov 19w F6DP 3521/0725/Nov 18m G3KFT 3780/0750/Nov 20w	KG4TS 3790/0235/Nov 15w K6QHC/KG6 3807/1245 19m KL7FA 3509/0305/Nov 22e KX6BU 3521/0715/Nov 18m KZ5HP 3802/0225/Nov 19w OK1DIT 3521/0715/Nov 18m OY2H 3512/2235/Nov 21e PY5ALD 3780/0425/Nov 18w PYØZAE 3806/0030/Nov 20e SP3FHV 3523/0650/Nov 18w OX3CS 3510/0020/Nov 22e	UK2GKW 3518/0610/Nov 18m UL7TBM 3508/1630/Nov 16ep WA6EGL/VQ9 3,90/1425/21w VP2VDJ 3503/0030/Nov 19e VP2KN 3802/0530/Nov 14e VP2DQ 3807/0230/Nov 20e VP2VBG 3816/1020/Nov 20e VP2LL 3799/0420/Nov 18w VP5GT 3802/0300/Nov 19w VR3AH 3506/0745/Nov 20w VS6GG 3790/1420/Nov 17w
G3PCG 3799/0020/Nov 14m HR3JJR 3793/0020/Nov 20e	VE2AQS/TG9 3789/0230 21w UB5IF 3517/1635/Nov 16ep	VS6D0 3807/1230/Nov 19m 3AØNY 3502/0005/Nov 22e
C6ABA7022/07 30/Nov 21wCE7AC7007/0325/Nov 19wC020M7003/0300/Nov 16mC02DR7003/0300/Nov 16mDJ6RX7004/1435/Nov 17wEA8BF7002/0110/Nov 18eEL2X7002/0225/Nov 18eFG7AS7008/0235/Nov 9epFR7AT7003/0200/Nov 19eKL7FA7011/0100/Nov 22eKZ5HP7089/1145/Nov 20e	DU2ZA7006/0330/Nov 19eP29JS7004/1140/0ftenPYØZAE7029/2330/Nov 16ePJ8CM7012/0335/Nov 20eTF3JB7005/0045/Nov 22eUB5MD7001/0130/Nov 18eUK5MAF7005/1440/Nov 17wUK6LEZ7002/1445/Nov 17wVP1MPW7004/0510/Nov 21eVP2VDJ7002/0045/Nov 22eVU2PCD7008/0310/Nov 9ep	VU2GW 7005/1140/Nov 14e YS10 7005/0450/Nov 22e YB7AAU 7027/1510/Nov 19w YU3B0 7006/0105/Nov 17w ZE2JS 7016/0345/Often ZP5AL 7002/0455/Nov 22e ZS6QU/3 7003/0610/Nv 20e ZS1ER 7004/0340/Nov 20e ZS6AUY 7001/0355/Nov 17w ZS6RM 7004/0420/Nov 18e 9Q5SW 7010/0415/0vten
AFRICASSBA2CAJ14214/2115/Nov15eC5AM14202/2145/Nov15eC5AZ14208/2325/Nov18mEA8JJ14206/1500/Nov12wEL7F14206/2145/Nov15eELØAK14201/2320/Nov15eFL8KP14231/2000/Nov15eFR7BE21316/1410/Nov19eFR7ZW14207/1725/Nov20eST2SA21305/1520/Nov18mTU2EF14224/2330/Nov18mTU2FH14192/2045/Nov15eVQ8ZP21303/1900/Nov18m		
(e = eastern states m =	middle states w = western	reaches kh = hawaii

(ep = iran etc. all times in gmt # = long path ! = looks like confusion corner)

30 November 1976

	MORE RE	ED EYED LOUIE	The	Watcher	of the Lonely	Night!		-	
	AFRICA	CW							
	FB8BG FB8XP D2AAI ST2SA TR8BJ ZD8TM ZE4JS	14043/1400/Nov 14025/2040/Nov 21007/1600/Nov 21028/1640/Nov 14027/2210/Nov 21020/1955/Nov 21026/1855/Nov	21e 21e 19w 16w 18m	ZS10U ZS1FD ZS6WRC ZS6QU/2 ZS60U/2 5Z4NI 6W8AY	21033/1550/Nov 21026/1945/Nov 21038/1630/Nov 14028/2225/Nv 21024/1940/Nv 14008/2030/Nov 14036/1415/Nov	21e 17w 20w 21e 20e	6W8EX 6W8FP 9G1JN 9J2WS 9L1CD 9Q5SW	21020/2010/Nov 21040/1950/Nov 14021/0010/Nov 21078/1720/Nov 21009/1925/Nov 21031/1810/Nov	16m 21w 18m 21e
	ASTA ALXVK L975 HM1 J HM2JN HM2U ASIA	CW 14026/1415/Nov 14022/2240/Nov 14015/0000/Nov 14039/0020/Nov 14020.0140/Nov SSB	19w 19w 18m	UAØCDT UAØFAM UAØRA UAØMX UWØAT	14040/2305/Nov 14015/2255/Nov 14033/0015/Nov 14028/2350/Nov 14037/1820/Nov	19w 17m 18w	VS6DB [/] VU2FC 721UK	14026/0010/Nov 14030/1620/Nov 21036/1750/Nov	16ep
HE JACK	CR9AJ EP2NC HL9TJ HL9TO HZ1TA LZLMQ EUROPE	14225/2330/Nov 14208/1445/Nov 14224/2245/Nov 14225/2325/Nov 14224/2245/Nov 14221/1400/Nov CW	16m 16e 19e 16e	OD5FI UF6DZ UK7EAQ VU2JNA UKØCBE 9K2EP	14210/1415/Nov 14225/1345/Nov 14238/1245/Nov 14202/1450/Nov 14220/0000/Nov 14203/1510/Nov	16m 16m 16m 18w	VU2MX VU2BK VU2BX VU2US VS6GG 9D5A	14203/1405/Nov 14203/1235/Nov 14204/1320/Nov 14204/1320/Nov 14225/2310/Nov 14205/1410/Nov	16m# 16m 16m 18m
	CT1ID DM2ZC DM3XQD DM2NA DF3GR EA1FD EA3XH EA7ACR EA7ON EI2CN EI4BK EI2CL	21047/1605/Nov 14045/1540/Nov 14065/1455/Nov 14054/1605/Nov 14032/1655/Nov 14032/1905/Nov 14010/1420/Nov 21027/1540/Nov 14017/2200/Nov 14035/1800/Nov 14054/1455/Nov 14009/1715/Nov	21m 21m 18m 21w 20w 19m 18m 21w 19m 18m 20m	HA9KPU HB9ATF HB9TZ IØZQ ISØUTA ISØWMU IT9AGA JW2CF LA1H LA3XF LA7MU LZ1KAU	14031/1335/Nov 21050/1455/Nov 14040/1420/Nov 21041/1510/Nov 21032/1440/Nov 21026/1505/Nov 14054/1555/Nov 14054/1555/Nov 14018/1825/Nov 14010/1945/Nov 21031/1410/Nov	19m 21m 16m 19m 19m 22w 22w 22w 22w 18w 18w 16m	OZ1BDB PAØASG PAØDC PAØPKD SP1ALK TF3JB TF3UA UC2BAT UB5NU UK2BBE UK1NAA UK2ABC	14015/1615/Nov 14028/0140/Nov 14059/1400/Nov 14034/1445/Nov 14034/1325/Nov 140444/1350/Nov 14036/1315/Nov	18e 18w 19m 20m 20w 19m 18m 18e 18m 18m 17m
	GD4BEG GI3AXI GW4DWT HA1KSA	14070/1510/Nov 21030/1450/Nov 14048/1135/Nov 14001/1710/Nov 14021/1700/Nov 21058/1555/Nov 14032/1430/Nov 14029/1325/Nov	18m 14e 21w 21w 22e 17m		14057/1355/Nov 14042/1355/Nov 14018/1915/Nov 14066/1445/Nov 14041/1340/Nov 14022/1620/Nov 14012/1655/Nov 14041/1345/Nov	19e 22w 17m 19e 18m 18w	UK2PAP U05AP UR2REO UR2QD UW1EO UW1YY 9H1CH 9H1FA	14038/1305/Nov 14022/1200/Nov 14044/1325/Nov 14033/1310/Nov 14017/1500/Nov 14015/1750/Nov 21028/1455/Nov 14038/1930/Nov	14e 16e 19e 17m 21w 19m

MADISON Electronics

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EUROPE SOD

14240/0035/Nov 19e VP8PC 21296/2100/Nov 16e 9YLNP 14220/2210/Nov 17w PYØZAE 14202/2000/Often VP8HA 14211/0025/Nov 19e PYØZAE 21300/1700/0ften 7P8BC in Leriae is Brother Jerry Selenke, W9JER. Brother Jerry is in LESOTHO

14219/2105/Nov 15w

8R1AG

VP8PC

Lesotho as part of a group working to establish light industry to make the country more self-supporting economically.

7P8BC often is found around 14330kc and maintains a schedule with some friends back in Indiana territory on Saturdays at 14283kc/1800Z. Last week he was also around 14200kc from 2200Z.

The gear includes the Drake line and the plan is soon to have a CL-30 up for a better signal. QSLs go to WA9SMM, Robert Davis, 942 East Clark Street, Warsew, Indiana 46580. The usual sase or sae/IRC is needed.

OX3WU 14223/1940/Nov 18w

RUBIN IS LOOKING..... For a couple thousand good DXers who need a good record of all their 5BDXCC/5BWAS activity!! Rubin is ready to help. Twenty two pages of highly skilled typography.....ready to be filled as you acquire the needed ones. You have to see it to appreciate it and believe it. Send only \$2.25to cover handling and postage and a slight profit.....to HUGHES SERVICES UNLIMITED 17494 Via Alamitos San Lorenzo, Calif. 94580

30 November 1976

CALENDAR

TRINDADE COLVINS EASTER ISLAND

ARRL 160 Meter

ARRL 10 Meter

HUNGARIAN Test

FRENCH CW TEST

YU-80 Meter TEST WW 160mtr TEST

ARRL DX PHONE TEST

SPANISH TEST

PYØZAE there for another month or so....all bands Moving again watch for new operation ... Terry/ex-VP2EEG, aiming for Easter and Juan Fernandez in the near future. December 3rd to 5th December 11/12th lecember 11/12th December 11/12th January 8/9th January 28/30th February 29/30th February 5/6th

SOME SHORT NOTES The unusual type of DX is getting a bit rare with it appearing that a good many are waiting for the expected improved conditions to come with the new cycle. There is a lot of the small DX items but none of the really big stuff.

The change in Rule 9 will be announced shortly. There will be a good many who will cheer and a good number to jeer. Whatever is the end result, it will again prove that it is easier to give than to take

5ZUNI is SMØKV..... and is going to be there in Kenya until next May. That ZS6QU/3 is ex-ZS6ARS...and he will be in Windhoek on business for about another month. He has a 200' wire out his hotel room window.

YB3AB is PAØLOU. 3AØNY QSLs to ON5NY. VP5A to KLUTE. VP5AA to WLZR, VP5AH to WALDRU. VP5B to WALEYR. VP5BER to W8IMZ. WP5CW to WLORT. VP5IZ to WALSGF. VP5M to WB4QKE. VP5T to WLGDG. VP5WW to WB4EYX. VP5X to WB4DIU. Bet you never realized there were so many VP5s around. This was the Florida DX effort in the phone portion of the WW DX Test.

This was the Florida IX effort in the phone portion of the WW IX Test. MARK PRODUCTION PRODUCTION

ARRL That -2775 mentioned last week should be modified to read Technicians to have privileges in the 28.0-29.7mhz band and novice privileges from 29.0 to 29.1mhz SSR and 220-225mhz f.m.

The Big QRM still with us.... the Ugly Pulse being heard again on November 18th.

Elsewhere in this bulletin there is reproduced a letter from the League on the operating practices of some reciprocal licensees in the U.S. Read it if for information only as it gives the ARRL position on a problem that is bad in the Southeastern area but also is a problem elsewheres....

- TNX to W1DAL, W1MV, K1TZQ, W2FP, K2GBC, K3ZOL, W4AAV, WB4EDD, WA4EYR, W4GTS, W4KA, WB4OXD, W4ZR, W4UF, W4UMF, WA5AUZ, ADXA, WB5EIN, K5FM, WB5HVY, K5OVC, WA5OCN, W5OSJ, K5TSQ, K6BCE, K6EC, K6DT, W6KPC, W6MTJ, WA6MWG, W6PT, W6TSQ, WA6TLA, K6UFT, W6VD, W6VGD, K6VY, K7ABV, W7BCT, WA7COQ, WA7HRE, W7KSA, WA7OBH, K8HLR, K8ZBY, W9DRL, K9KEV, WA9SMM, W9SS, K9WEH, WA9WKA, WØSFU, KH6BZFffff
- WEST COAST DX BULLETIN Published every week by the Marin County DX Group. One of the local QRPers came by last week and we sat and talked of nothing at all important. Along the way the QRPer said: "You know something? In just another week the sunsets will start getting later and we will moving into a new season when the days will be bright and the sunspots will return and there will be DX again for everyone. I can hardly wait for the good days to come." We, too, were ready for the good days to come but we had to clear up a few things first. "What do you mean?", we demanded. "What's this about the sunsets being later in another week. What's happened to the good old shortest day of the year, December 21st?" We knew we had the winner this time but the QRPer was hardly ruffled at our onslaught of righteous indignation. "Nothing has happened to the twenty-first", the QRPer said mildly, "but at this latitude, and I would suspect most everywhere else in the northern hemisphere, from December Second to Seventh is the period when the sun sets the earliest. After than it starts setting later. That's the way it is.". We knew when we had the winning argument and set out to do our research. And all we proved was that the QRPer was right. For there are still the great unknown truths in DXing and one wonders if things will ever be right when all the things we are sure about turn out to be wrong. A full year of vexatious DX truths will come your way by second-class mail for \$11.00. \$14.50 flips it by first-class mail to the US/VE areas. \$17.00 roars it by airmail to Mexico and all the afar DX lands where there is but one DX Truth

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