

WEST

COAST

DX



BULLETIN

April 29, 1975

17-75

COCOS-TI9 As expected, TI9DX opened a week ago and operated until last Wednesday, April 23rd. Many worked TI9DX though at times the signal was not especially strong and the operation was shifting frequencies searching for either better conditions or in response to requests from those who had worked them on one frequency but wanted them on others. QSL for TI9DX to Box 2412, San Jose, Costa Rica.

The HB9/TI9 effort was a possibility for last weekend but it was not heard from until mid-week when TI9FAG/mm was being heard. This group was expecting to land by last Friday and by Saturday they were well into working through the pile-ups.

This HB9-group brought five operators to the island and planned to be there for about 14 days. They have three rigs and will work all bands possible. QSLs for this one will go to HB9AQM.

The TI9FAG group are planning to use the usual frequencies for DXing, these being:

C.W 25 kc above lower band edge or thereabouts

SSB 3805kc 14195kc 14280kc 21280kc 28595kc

There was some question on possible forty meter operation and that 14280kc was to be transceive operation.

Last weekend some TI2 stations were raising questions on the legality of the operation, inferring that if there were not Costa Ricans involved, it would not be a true-blue operation and not eligible for DXCC credit. This question has been raised before and it is somewhat difficult to determine whether there is any merit to the matter or an attempt to establish a franchise for any TI9-Cocos operations.

HB9AQM was issued a TI2-license on November 6, 1974 the document specifically giving authority for a TI9 operation between 1 April 1975 and 1 May 1975. This was signed by Andrey Alexis Acuna Picado, Chief, Control Nacional de Radio. That license was good until April 30, 1975. Trying to figure the whole thing out, it appears that it may be quite possible that the question was raised on the license but the HB9 group was able to satisfy all the problems and proceeded with their plans.

At this point it would be difficult to figure why the operation would not be acceptable for DXCC. If you have any doubts, put them aside and jump into the pile-ups. Enos Schera, W4VPD, is one of the operators on the TI9FAG effort. Enos disclaims any responsibility for the callsign.

ITU WEEK CALLSIGNS A report came through last week from one of the ITUs of last year that the FCC would again issue the special callsigns for this year's efforts. The details did not give any new application procedure so it is assumed that the same system as last year. Write a letter and ask for the call. With the changes coming on the special events callsigns effective late in May, this may be a last chance. However, there is also some hope that the no-charge issuance may continue because of the possibility of engendering international good-will. Anyone interested in the ITU efforts during the week of May 10th to 17th should write immediately. WA6PDE passes along the information that John Small at FCC/Washington is the one handling the applications. None of the newly authorized prefixes such as 'A' or 'N' will be available.

SUNSPOT LOUIE The solar act still persists as it has for the last ten weeks---nothing. With observations being made on most days including the day of this report, nothing has been noted. But even with these inactive conditions, there have been some good but brief openings on frequencies below 21mc. For the four days up to and including this report, WWV has varying with some N5/U6/W4 reports.

Even with these conditions, VS9MB in the Maldives was being worked in the Middle States as well as Jordan, Lebanon and some African areas.

The word from Boulder is that conditions were expected to be unsettled through April 26th and then quiet until this Wednesday, April 30th as geomagnetic activity subsides. Radio conditions are expected to be quiet until about the 5th of May with a new geomagnetic disturbance starting about that time. The daily high latitude radio quality is expected to be 16 until the middle of the current week. A minor ionospheric storm is expected to April 26th and a moderate one to start about May 6th.

On the W4UMFs Short-Range forecasts, here is what you might be wrestling with for the next week or two.....

April 30	High Normal	May 7	Disturbed
May 1	High Normal	8	Disturbed
2	High Normal	9	Below Normal
3	High Normal	10	Below Normal
4	Low Normal	11	Below Normal
5	Below Normal	12	Below Normal
6	Below Normal	13	Low Normal

From W6TTS, the Watcher of the Lonely Sunspot, comes the Solar Flux story for the last week:

Apr 16th	K-1	Solar Flux	69	April 20	K-4	Solar Flux	67
17	3		69	21	3		68
18	1		68		3		67
19	3		67				

There has been a revision on the forecast on the smoothed sunspot numbers which would indicate that things have flattened out. Rather than a steady decline into next year, the forecast now says we will be down to SSN 17 by August and hold at that figure until January with February being forecast at SSN 16 as well as March. Some have figured that this means we are nearing the bottom, others that it will take even longer to reach that point. WIAM graphs the change as indicated on the the chart. There apparently is something going on which will revise the previous thinking and some do lean to the feeling that the recent long period of inactivity might be an indicator that we are closer to the bottom of the cycle than anticipated.

However, the leader of the Palos Verdes Sun Dancers says that the unseasonal weather has a lot to do with things, that it has been just too cold to get out under the full moon and work out the jump and jiggle routines. "But we will be out next week", he promised, "the full moon always brings out the best in us. We get that urge to really cut loose and howl". Son of a Gun! Lock the doors when you hear that howl!

Anyhow, look for the brighter days ahead. The Sunspots will return just like the swallows to Capistrano. And, as Lorden Baden-Powell, the Hero of Mafeking, would often say: "Be Prepared!!".

And seeing that we did not leave a sufficient bit of space for the chart, prepare to find it on the next page.....

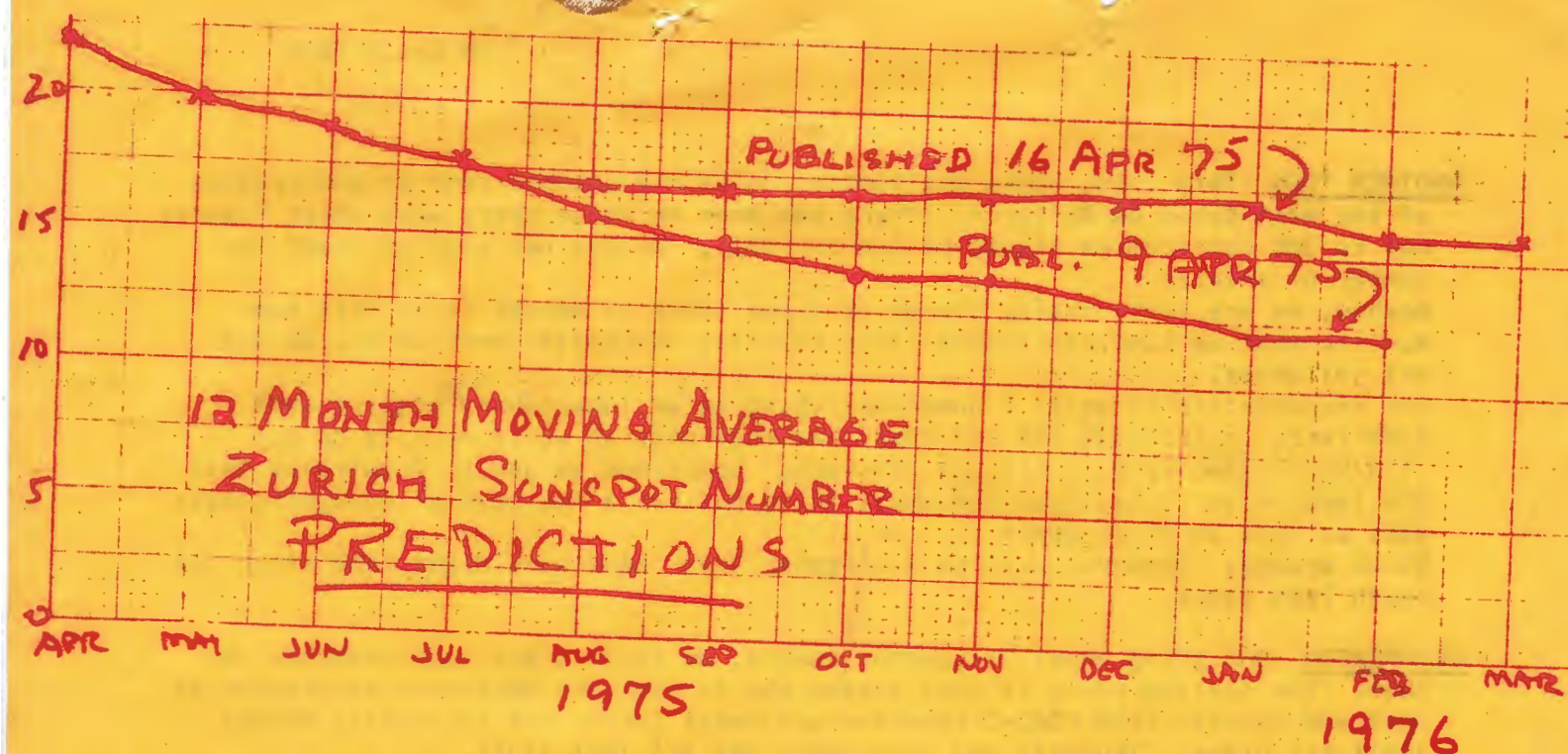
[Sob ! !]

1245Z

22 Apr 75

W829K

29 April 1975



There's the whole graphic story.....a bit cockeyed but still graphically demonstrating the change in the smoothed sunspot numbers for the rest of 1975. If you look at it too long and figure out that it is a 12-month average, you may come to the thought that there may not be any more sunspots the rest of 1975.

One would think that Washington would get down to one of the really serious problems of our day.....Where hve all the Sunspots gone?? And if you think that is a slightly ridiculous approach, just think of what is the set answer to any prolem at the city, county or state level. Write Washington for help. Shouldn't we Deserving DXers follow the example....

SOME SHORT NOTES We have been having problems...if you have not noticed. The last two weeks have been disasters in the production department. A critical part of the printing machine is broken, this being the part that keeps or tries to keep more than one sheet being fed at a time. Sheet separators they are called. This week we are carefully nursing the machine because the factory outlet was out of replacements. If you get a blank sheet, this may either help you to understand why or confuse you further.

We did not get to Fresno last week but about 289 others did. Everyone had a good time and Gene Darlington, W6TTS, was named the Northern California DXer of the Year.

Ellen White, W1YL, Deputy Communications Manager at ARRL, handled the questions at the DX Forum. Along the way we picked up some notes by relay and this is our impression of the reports.

DXCC costs about \$6000.00 a month in QST space, it takes one-man day per month to handle the correspondence. Two are employed full-time on DXCC matters and DX is an expensive matter. To handle the cards it costs \$4.07 to handle 10 cards, \$5.57 for 20; \$10.50 for 100 and \$17.00 to handle 200 cards. These are for W/K cards. For overseas it is \$4.13/10 cards, \$5.40/20 cards, \$9.00/100 cards and \$14.00 for 200 cards.

The meeting was not completely enthusiastic about the charges for DXCC and not for other awards. It is reported that a vote was taken stating the feeling of the meeting that as DXers they did not object to paying a fair-share but felt that if DXCC is assessed costs, all other activities should be treated as fairly as DXCC and likewise assessed. It was noted that Contest activities has one full time worker already assigned to that function.

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ANOTHER TURN This issue marks the completion of the seventh year of publication of the West Coast DX Bulletin. There has been an issue every week which figures out to 366 consecutive issues of the bulletin. We did not stop to count the number of sheets.

Anyhow, we are still trying though, at times there is wonder if we will ever achieve what we consider satisfactory results. No matter what we do, we are not satisfied.

Our reproduction is still a sometimes thing as we laboriously acquire some experience in printing the bulletin. We know what we would like to do but it always seems to be a bit out of reach. Sometimes we get so frustrated that the temptation is to throw the whole thing out but a few days of thoughtfulness gets us back on track again.

Stick around. Tomorrow will be a brighter day. Something might come after the seven lean years.

CLIPPERTON One thing about Clipperton rumors, we fail to put much credence in them. The feeling being is that anyone who can get the necessary permission to land and operate from F08C-Clipperton will most likely not be exactly modest about his plans. Trumpets and flourishes and all that stuff.

Meanwhile some of our watery contacts report that some fishermen did land on Clipperton a month or so back, the day being warm and the ocean calm. They waded in and waded all the way to the little beach where the WW II sunken landing barge is now broken in half and partially covered by sand. There was no sign of habitation on the island and the shack there was completely dismantled.

In fact they could not figure why the French are so secretive about the island.

SOUTH SANDWICH This is not the season when one can expect any South Sandwich action but one of the Antarctic scientific efforts passed there headed north a couple of weeks back. They found the approach to the island somewhat treacherous and sulphurous fumes existing and bothersome at times but often bearable due to the winds blowing them away. It was intimated that anyone looking for a visit to South Sandwich might find an ice-breaker a bit of a handy thing to have and a helicopter most useful. Winter is setting in down in the Antarctic and any hope for activity will have to hold until late this year when Spring returns.

SPRATLY Last week the newspapers carried some reference to the Spratlys and it did help to clear up some of the unanswered questions about military forces on the island.

It seems that South Viet Nam did put a garrison on Song Tu Tay, one of the atolls in the Spratly Group, this being done back some time ago. The Saigon government at that time also sent a military group to the Paracels but this brought a violent reaction from the Chinese government which sent troops and plans to overwhelm the South Vietnamese garrison.

With all the other action going on, not much attention was given when the South Vietnamese government lost contact with its group on the Spratlys. Taiwan and the Philippines during the last year have apparently also sent garrisons to some of the separate islands in the Spratly Archipelago. However, it now seems that the local residents are protecting the interests of the Provisional Revolutionary Government at Hanoi.

There is some suspicion that any activity around the Spratlys may be more than a couple of months off.

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REPORTS FROM RED EYED LOUIE

When I play on the fiddle in Palo Verde,
Folks dance like a wave of the sea...

FORTY METER LOUIE

C05DM 7004/0230/Apr 16w	M1C 7011/2350/Apr 16e	VK2BFJ 7009/1310/Apr 18e
W9MR/CEØ 7026/0610 19e	OD510 7013/0140/Apr 17e	VK4AK/VP9 7017/0550 20e
DL1PM 7026/0440/Apr 20w	PAØCVW 7027/0020/Apr 20e	VP8NN 7018/0950/Apr 17e
K2VUI/C6A 7006/0400/ 23w	TG9QS 7280/0155/Apr 16w	VP9HO 7012/0015/Apr 20e
FMØBQQ 7035/0250/Apr 18m	TF31M 7027/0030/Apr 20e	Y09AVK 7025/0025/Apr 19e
HC3WH 7280/0120/Apr 18w	TG4SR 7002/0235/Apr 16e	ZE1JV 7027/0420/Apr 23e
1VØEA 7001/2150/Apr 20e	T12PZ 7002/0415/Apr 16e	ZS2MI 7005/2300/Apr 16e
JT3VYR 7001/1230/Apr 21w	UD6DHU 7003/2150/Apr 20e	3D2RM 7004/1050/Apr 13e
1ØAVC 7015/0410/Apr 20w	UQ3ØRI 7027/0305/Apr 22e	4K1F 7004/0450/Apr 17w
KS6SFA 7033/0615/Apr 20e	VK2AJ 7017/1345/Apr 23e	5T5ZR 7010/0400/Apr 22e
LU9FAZ 7007/0225/Apr 16w	VK4HY 7022/1225/Apr 21m	

EIGHTY METER LOUIE

CR4BS 3785/0440/Apr 20e	1T9WGI 3796/0420/Apr 16m	VP2LAN 3808/0510/Apr 16e
CR4BC 3788/0550/Apr 19e	JA10ED 3802/1125/Apr 20e	VR4DX 3807/0950/Apr 16e
CE8AA 3806/1130/Apr 20e	KH61J 3803/1030/Apr 19e	YJ8BL 3807/1045/Apr 18e
CT1MK 3804/0505/Apr 16e	KL7HNQ 3823/0830/Apr 20e	YN1MTY 3806/0220/Apr 21e
EA1FD 3795/0245/Apr 15m	KL7HIY 3783/0600/Apr 20e	YN1FWN 3807/0810/Apr 20e
EA8CR 3796/0720/Apr 23w	KM6EA 3806/1025/Apr 20e	YN1WB 3793/0930/Apr 18e
EL7F 3796/0700/Apr 22w	KV41J 3803/1030/Apr 19e	YU1ADO 3786/0315/Apr 21e
F6ARC 3799/0530/Apr 20m	OK1ADM 3794/0450/Apr 22e	YV5ANS 3802/0510/Apr 21w
F80B 3528/0210/Apr 20e	OK3ØKFF 3528/0205/Ap 20e	YBØABV 3797/1320/Apr 19w
FP8DH 3795/0515/Apr 23w	OK3ØPAE 3792/0420/Apr 19e	ZK1DX 3806/1035/Apr 20e
FM7WE 3803/1030/Apr 19e	ON5NT 3794/0450/Apr 22e	ZL1B0Q 3803/1110/Apr 19e
FY7YM 3800/0525/Apr 18e	PAØGMW 3797/0425/Apr 21e	ZL2BT 3778/1115/Apr 20m
GW3BVN 3794/0450/Apr 22e	PJ9BB 3810/0220/Apr 21e	ZS6DW 3777/0320/often
HH2V 3811/0540/Apr 20m	PY6HL 3528/0150/Apr 20e	ZL3NR/C 3808/0700/Apr 20e
HI8XRG 3786/0315/Apr 21e	UB5BA 3627/0255/Apr 20e	8P6AH 3800/0505/Apr 21e
HK5BWE 3811/0525/Apr 20e	VF2DM 3811/0445/Apr 20e	9Y4NP 3819/0720/Apr 20e
HP1MN 3801/0405/Apr 21e	VP2LA 3803/1030/Apr 19e	

AFRICA CW

CN8BI 14089/2110/Apr 17m
EA8AT 14015/1715/Apr 10e
ZS2MI 14030/2130/Apr 22w
5L2KS 14013/1915/Apr 17e
6Y5HF 14029/1500/Apr 20w
9G1GE 14012/2025/Apr 16m

ASIA CW

UF6CX 14011/2020/Apr 16w
UA9UAR 14031/0050/Apr 16w
UD6DKT 14031/1950/Apr 16w
UK90AD 14036/0245/Apr 18e
UL7TAK 14050/0230/Apr 18e

UL7PBE 14032/0130/Apr 17w
4S7NE 14002/1615/Apr 16e
4X4GD 14013/1820/Apr 17e
9M2MW 14023/1550/Apr 15w
9M2DW 14004/1515/Apr 17w

EUROPE CW

DJ4IT 14038/1710/Apr 19w
DL8AK 14027/2025/Apr 16w
EA2IA 14028/2300/Apr 16w
F5UZ 14003/1820/Apr 15w
DK8LW 14040/1640/Apr 15w
FC8TT 14005/1930/Apr 16w
G2ATM 14007/1925/Apr 16w
G6SX 14014/1935/Apr 16w
HB9ASL 14021/2100/Apr 16w
LX1BJ 14047/1640/Apr 16w
OE5LX 14026/1610/Apr 17w
ON4KK 14028/2005/Apr 15w
OK3ØJRW 14014/1655/Ar 16e

OY1R 14020/2205/Apr 16w
OZ1VY 14010/1915/Apr 16w
OZ6XT 14016/2025/Apr 16w
OZ7AN 14040/1600/Apr 15w
OZ7UU 14040/1630/Apr 15w
PAØDOG 14027/1705/Apr 15w
PI1PT 14035/1650/Apr 18w
SP5GX 14038/1715/Apr 15w
SPØIARU 14033/1605/Ap 16w
SP5FLA 14026/1625/Apr 17w
UA3ESS 14033/1630/Apr 16w
UB5JCF 14033/1550/Apr 15w
UB5ZJ 14040/1655/Apr 15w

UB5FAC 14017/2020/Apr 16w
UK2WNN 14006/1525/Apr 15w
UK2WAD 14015/1530/Apr 16w
UK2PAP 14015/1705/Apr 16e
UK5JAA 14052/1530/Apr 21w
UK5QBE 14040/1610/Apr 15w
UR2FR 14015/1445/Apr 16w
US1R 14000/0000/Apr 16e
YUØSRJ 14033/1640/Apr 16w
9H1CH 14023/1710/Apr 16e

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MORE RED EYED LOUIE

ELSEWHERE'S CW

W9MR/CEØ	14025/0000	19e	FPØBG	14032/1845/Apr	12m	VK4AK/9	14037/0220/	22w
CEØAE	14026/2245/Apr	20e	WB8ABN/HCØ	14032/1500	24w	VP2ST	14005/0030/Apr	18w
CH1AHV	14040/1430/Apr	20w	KS6SFA	14040/0125/Apr	20e	VS5PM	14017/1545/Apr	15w
FG7AQ	14022/1255/Apr	19e	ØX5BW	14043/1535/Apr	23w	YB7AAU	14015/1440/Apr	17m
FB8YC	14024/0035/Apr	19e	PJ2VD	14035/1315/Apr	18e	YS1WPE	14025/1315/Apr	18e
FK8BR	14030/0745/Apr	20e	PJ3SF	14029/1710/Apr	16e	3D2ER	14045/0610/Apr	16m
FMØBQQ	14029/2315/Apr	16m	PY1FB	14004/0040/Apr	18w	8P6DW	14009/1710/Apr	10e

AFRICA SSB

CR6WT	14225/2015/Apr	20e	TR8RS	14225/2100/Apr	15e	5N2NA	14254/1700/Apr	16e
CR3AH	14333/2100/Apr	16w	VQ9D	14251/1210/Apr	21e#	6W8FP	14268/1950/Apr	18m
CN8BD	14203/0100/Apr	19e	ZE1DB	14207/1200/Apr	20e#	7Q7BC	14211/1205/Apr	20e#
CN8DX	14213/2200/Apr	16w	ZS6CB	14218/1700/Apr	22e	9G1JC	14251/2245/Apr	18e
EA8URE	14252/2005/Apr	17e	LU2DZ/4U	14227/2300	20e	9G1AR	14214/0000/Apr	19e
EA9FB	14260/1900/Apr	18e	5U7BA	14278/0005/Apr	16m	9L1JM	14227/1755/Apr	20e

ASIA SSB

BV2B	14225/2335/Apr	19w	VS6DØ	14214/1315/Apr	18e	4X4WH	14227/1315/Apr	17e
EP2SN	14333/1745/Apr	18w	VS6FB	14215/1400/Apr	17e	4X4UE	14333/1815/Apr	16w
HL9TG	14220/1340/Apr	16e	VS9MB	14276/1950/Apr	19e	5B4AC	14281/2040/Apr	18e
JY9CS	14220/1855/Apr	18e	XV5DA	14226/1800/Apr	16w	5B.BM	14333/2020/Apr	16w
ØD5IO	14282/1900/Apr	15e	XV5AA	14225/1330/Apr	19w	9V1SG	14225/2335/Apr	16w
ØD5BV	14264/1925/Apr	18m	XW8FN	14225/1255/Apr	16e	9V1OI	14225/2340/Apr	16w
UK9AAN	14241/1305/Apr	20e	XW8HV	14225/0005/Apr	17w			
VSS6DD	14225/2250/Apr	16w	4X4NJ	14211/1740/Apr	15e			

EUROPE SSB

CT1BH	14209/2250/Apr	18e	LA5IS	14333/1630/Apr	18w	SM1BGW	21277/2155/Apr	20w
DF2GN	14249/1705/Apr	22e	M1I	14203/2235/Apr	18e	SV1EX	14228/1935/Apr	15e
DK1BF	14201/1720/Apr	18m	ØHØNJ	14256/2020/Apr	17e	SVØWKK	14211/1720/Apr	15e
DJ1NY	14219/1620/Apr	20e	ØH2NE	14251/1430/Apr	21e	SV1DE	14212/2125/Apr	20e
G13JIM	14205/1900/Apr	16m	ØK3ØSIR	14233/2205/Apr	17w	UR2RJ	14211/1425/Apr	17e
GW3HAN	14204/1420/Apr	20e	ØN5KD	14203/2340/Apr	16w	YØ2AFB	14333/2145/Apr	18w
GW4BMJ	14333/1815/Apr	18w	ØZ3WG	14333/1640/Apr	18w	9H1AJ	14284/1930/Apr	15e
HB9JW	14211/1715/Apr	18m	ØZ1TD	14214/1735/Apr	18m	9H4D	14219/2000/Apr	18m
IØØWX	14207/2135/Apr	16w	PAØVO	14333/1635/Apr	16w	4U1ITU	14232/1805/Apr	15e
LX1BJ	14333/1630/Apr	16w	PA7SMK	14208/2140/Apr	18w			

ELSEWHERE'S SSB

CX3BR	14200/2350/Apr	18w	ØX3WH	14241/1300/Apr	20e	VR4BS	14202/0440/Apr	20w
CX5BC	14237/0145/Apr	19m	P29AJ	14244/0525/Apr	20e	VP2BVH	14333/2300/Apr	18e
DU1DCC	14241/1340/Apr	17e	TI9DX	14225/2015/Apr	20e	YB9ABH/9	14214/1440/	18e
FB8YD	14224/1335/Apr	20e	TI9DX	21297/1955/Apr	21e	YB9ABX	14213/1250/Apr	20e
FP8DG	14254/1335/Apr	20e	TI2HSN	14312/1700/Apr	22e	YB7AAA	14225/2335/Apr	16w
FØØVAP	14202/0140/Apr	16e	TI2LCB	28611/2130/Apr	20e	YJ8KM	14243/0450/Apr	20w
CH1XP	14332/2035/Apr	16w	VP2KF	14216/2300/Apr	15m	YN1WB	14333/1755/Apr	12w
HH2V	21300/2300/Apr	20e	VP2AYL	14333/1740/Apr	12w	YN1SFU	14333/2110/Apr	12w
HC8RS	14218/0015/Apr	11w	VP2KJ	14217/2320/Apr	18e	ZF1MA	14207/0000/Apr	19e
HI8MOG	21334/2205/Apr	20w	VP2SG	14224/2140/Apr	18e	ZF1WE	14271/1240/Apr	20e
KM6EA	14253/0630/Apr	20e	VP2LL	14286/1110/Apr	20e	ZK1CO	14293/0430/Apr	20e
KS6FT	14209/1250/Apr	16e	VP5GT	14206/0010/Apr	17w	ZP5RS	14232/0155/Apr	21m
KV4AB	14214/1430/Apr	20e	VP9HL	14209/0130/Apr	19w	ZP5HW	21292/23;5/Apr	15w
KV4IJ	14333/2120/Apr	18w	VP9H	14333/1915/Apr	12w	3D2AJ	14206/0545/Apr	20e

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CALENDAR

COCOS T19	T19FAG there this week and through next week
SOUTH ORKNEYS etc	Weekend schedules by the Antarctic Islands starting this weekend
GLORIOSO	FR7AJ late May or early June
NORFOLK ISLAND	VK4AK/VK9 there for another week or so
CHATHAM	ZL2RN/Chatham being worked
St VINCENT	VP2SPI by Radio Club of Barbados on June 20th for a couple of days
FERNANDO de NOR.	PY7YS up-dating plans for action in June or July
GUERNSEY	GC8HT on twenty meters May 5th...14213kc/0800Z May 5th...14333kc/ 1800Z May 6th

SUEZ LU2DZ/4U said that he was in the Suez Canal Zone area and with the United Nations. Said he would be on Saturdays and Sundays, using an inverted 'Vee' for antenna. Said to look for him on weekends.

VE3CUD/SU has been heard from that area but mostly operates below the American phone band around 14142kc from 1800Z. He was supposed to be departing the area the end of April and VE3HYT should be carrying on from this Thursday, May 2nd. Often these seem to be working on getting in touch with families back in Canada.

A station signing ZS2MI has been found on c.w. on a number of bands including twenty and forty. This one said to QSL to W2OLF. A good many worked this one but that W2OLF is not in the call-book. Previously ZD2MI has always QSLed to a South African address. Work 'em first, worry later.

MOROCCO CN8DX, Dave, has been reported on a number of bands. He bought CN8BOs SB200 as that station has secured its operations. CN8DX has a mini-quad mounted on top of a hotel there in Rabat. Usual operating frequencies are around 14215kc and from 2100Z. Often makes up his own list.

AND THE ANTIPODES There is no late word on the plans for the Kermadec trip by the ZL operators and the season is heading into winter down that way. At this point it would seem that planning is being aimed on a possibility for later this year. Ed DeYoung, KH6GLU, is presently at Marcoola Beach in Queensland signing VK3ND/VK4. Ed reports that he is considering some DX efforts in the area and is presently looking at possibilities of Mellis, Willis or even a couple of others of exotic nature in the coming months. Ed presently thinking of late August or the September area. Apparently the planning is firming up a bit as Ed says that VK4WS will be in on the effort and there is room for two or three more good DX operators. The span of the efforts is 35 days or so. Presently Ed is located about 80 miles north of Brisbane. John Martin who waged the long fight over Mellish Reef is getting restless and may take a look at some activity in the coming year. Nothing definite as yet, though.

MADISON ELECTRONICS SUPPLY 1508 McKinney Ave. Houston, Tex 77002 [713] 224 2668
Nights [713] 497 5683

ALL ITEMS GUARANTEED!!! Write for prices on gear not listed. Shipped FOB Houston

CDE HAM-2 ROTATOR [New list price on HAM-2 is \$159.95] \$117.00 Madisons low price
Belden rotor cable 12' foot

New Raytheon 811As \$15.00/pair

EIMAC 3-500Z \$50.00 each

20% OFF LIST ANTENNAS HY-GAIN TH6DXX HY-GAIN 204BA MOSLEY CLASSIC '33

15% OFF LIST TOWERS TRIEX 'W' and 'MW' SERIES Shipped FOB California
DRAKE TR4C and TX4C

Write Don, K5AAD, and ask about any gear you may need. Anything!!

Max W5GJ Don K5AAD Mary W5MBB Dave WA5ZNY John W5AB

A preliminary tabulation on the membership survey has been pulled from the computer and is being sent to the Directors. The final report is expected to be completed this Friday, May 2nd. There have been reports that about 55,000 returns were received on this survey.

TXN to W1DAL, W1AM, W1NRF, W2FPM, K2GBC, K3LWM, K3ZOL, W4BAA, W4KA, W4UF, W4UMF,
W5AK, W5UFF, W6APW, W6C~~PP~~, W6GC, W6PDE, K6KA, W6OKK, W6PT, W6TSQ, W6TTS, WB6ZUC,
K7ABV, W7BCT, WA7COQ, K7NHG, W8BQV, W8ZOK, WDX9JFT, WB9JOV, W9KNI, K9WEH, W~~0~~JRN,
W~~0~~PRY, KH6BZF, HP1JC, JA1TNV, JA8AJS, PA9WRR, VK3ND, YB~~0~~ABV.

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[illegible]