

BILL RINDONE Bill was expecting to open from A6X-United Arab Emirates over this last week-end and then move on to A4X-Oman later this week.

At this point it would seem that Bill is winding up his Asian activities, he will be moving on to the western part of the Indian Ocean including the stops on the Persian Gulf, and then swing south towards Africa. There are still a number of choice spots on his itinerary and it may pay to keep a bit alert as me moves on to new operating locales.

In the VK9XX-Christmas Island operation, Bill made 5400 QSOs with 120 countries. the 9N1MM-Nepal operation, practically all c.w. made over 3000 QSOs with 90 countries.

All of these QSL to his home QTH in Lake Oswego, Oregon. Any support will be appreciated.

There had been plans for a rendezvous with W4BPD in Bhutan in mid-April. Later these were slid back to mid-May. The matter would seem to be still up in the air with the prospect lessening as Bill gets further west towards Africa.

THE COLVINS Lloyd and Iris opened from YJ8=New Hebrides last week, this time they got off the plane and settled down to stay for the rest of the month.

They were signing YJ8KG and you can look for them in or about their ususal operating spots.

BAJA NUEVO. The plans for this one moved on a bit last week, the Northern California DX Foundation agreeing to help with the boat charter and some other minor expenses.

Some matters still had to be worked out but there were some indications that the operation may include up to five operators. Late word was being expected as the bulletin was being printed and it may be found further on if something did arrive on time.

NAVASSA The Miami Herald newspaper last week had a news article that the Coast Guard was considering closing Navassa Island again due to it being used as a trans-shipment point in the narcotic traffic moving up from the Caribbean. It is understood that some other government agencies may be looking at Navassa with some plans aimed at next year.

N6V The CallTech Jet Propulsion Lab Amateur Radio Club has been given permission to use the call 'N6V' in the coming months and it will be used during the periods which correspond with the landing of VIKING I and VIKING II on Mars. The probable days of operation are June 18th + 23rd, July 3rd-18th, August 6th-12th and Aug 31-Sep 15.

Look for them:

CW 3530 3730 7030 7130 14030 21030 21130 28030 28130kc

SSB 3810 3930 7230 14225 14325 21360 and 28630kc

SUNSPOT LOUIE Last week the chart for April 27th noted one sunspot visible. On the 29th two companion spots showed, forming a triangle with the spots approximately 35,000 miles apart. Two of the spots near the equatorial line diffused into one disturbed area which lasted until May 2nd, disappearing on that day. The remaining spot rotated to the back side of the sun on May 3rd and no spots were visible on the date of this report.

Band conditions have reflected this activity with WWV coming up with some U-4s and W-4s.

May 3rd had six hour indices of 4344 and the following day, May 4th, it was 4455. In short conditions were not good in the middle of last week.

WWV expected conditions to remain unsettled through May 7th and 10 be faiet up to May 12th. WWV looks for quiet conditions for about three weeks, inguring the geomagnetic conditions unsettled to the middle of this week and solar solar solar a low level. No ionospheric storms are seen by WWV to the middle of this week.

(Sob!!)

1300Z

W8ZOK

4 May 7

In the 12 month moving average sunspot numbers, WWV seems to be seeing the bottom as it is certainly looking for some flat numbers from May to December. SSN of 9 in May and SSN of 8 in December. Things seem to be getting to the point where the only way they can go is up, up, up. You may not know the day or the hour, but the bottom is near. As W6TSQ said last week: "Look at it this way, it surely is a year closer than it was this time last year!!" We had to think that over for sometimes these astute pronouncements on the Inevitable Truths are a bit hard to grasp. So what did we do, what did we say? "Say it again, Sam! Say it again".

From the right bank of the Potomac, headed downstream of course, we get the word on what you can expect for the next couple of weeks. Hold on one more week and you will learn what it might be like around the time for the JARL Oki-no Tori Shima trip. If you have been reading your charts, you might suspect some recurrent high A Index figures. Anyhow, peering into the far Pacific, seeking to pierce the veil of the future and to bring hope to the long suffering but still Deserving DXers, Ted says it will be:

May		Low Normal			h High Normal
	13th	High Normal	(Keep fingers)	20t	h Low Normal
	14th	High Normal	(crossed)	21.5	t Low Normal/High Normal
	15th	High Normal		22r	d Low Normal
	16th	High Normal		23r	d Low Normal/High Normal
		High Normal		24t	h High Normal
	18th	High Normal		25t	h Low Normal

And with that, Ted says: "If I can't get things up for Oki-No, look what I did for those Iraqi plans. The best possible at the bottom of the cycle...almost!"

Up from the south at break of day comes the word from K6EC and Ev has all the figures for those whose trust is in the charts. Ev says it went thisaway...

4 7		Solar	Flux	A Index		Solar Flux	A Index
April	27th		75	11	May 1st	80	8
	28th		74	11	2nd	76	22
	29th		72.	12	3rd	73	58
	30th		.79	11	4th	71	_

There's the whole lash-up. CQ had another article on sunspots in their April issue. We'd feel better if they were published in some other month than April. This is a time to try the hearts of DXers and we need reassurance... Snnspots will rise again!! Maybe??

OKI-NO TORI SHIMA With the JARL DXpedition able to operate only at low water, most DXers will be wanting to plan their watch for the periods when low water will be in that area. Needing expert assistance, we consulted with our Maritime Desk and Bob Harris, K6VY, came up with a lot of information. First, the periods of high and low water at Oki-no Tori Shima. These were worked out from the tide tables at Guam and at Naha, corrected for the expected times at Oki-no Tori Shima. All of these are in Greenwich time and you will have to correct the time for your location if you are looking for local time.

May 27th	Low High	1500Z 2020	+1.51	May	31st	Low High	0510Z 1230	-0.5° +2.5
May 28th	Low High	0330 1030	+2.5			Low High	1740 2230	+1.5
V	Low High	1540 2055	+1.5	Jun	1st	Low High	0545 1310	-0,5 +2.5
May 29th	Low High	0400	+2.5			Low High	1820 2310	+1.5
M	Low High	1620 2120	+1.5	Jun	2nd	Low	0630	0.0
May 30th	Low High	0430 1150	-1.5 +2.5				•	
	Low High	1700 2200	+1.5					

From Hydrographic Office Publication 82, The Coast Pilot, we find the following information.

PARECE VELA (Douglas Reef) 20°25'N., 136°05'E. A U.S. naval vessel examined Parece Vela Reef in 1947 and reported that the first indications of the reef when approaching from seaward are the breakers, the distinct discoloration of the water, and, when near the reef, a large rock about 6 feet high on the southwest side. Three small rocks break the surface on the west side of the reef, and another about 1½ feet high, is located on the northeast side. Because of the breakers around the reef the small rocks are nearly impossible to see from seaward

The reef is about 2 3/4 miles long, northeastward and southwestard, and about 3/4 mile wide. A shoal ledge extends from 50 to 70 feet outward from the line of breakers around most of the reef, and about ½ mile northeastward from the northeast end. A small boat channel, about 50 feet wide and 20 feet deep leads into the lagoon from the southeast side of the reef. The channel is easily accessible for a small boat. The lagoon has 10 to 15 feet, but there are numerous coral heads of lesser depths throughout the area.

It was also reported that a submerged reef about 3 miles long and 200 yards wide extends in a northwesterly direction from a postion about 3/4 mile northward of the west part of Parece Vela. Numerous rips were observed on the west side of this reef, and the depths on it were estimated to be 6 to 10 feet. Vessels should not pass closer than 5 miles northward of Parece Vela, for the length of the submerged reef is only approximately known.

In 1959 a helicopter reconnaissance survey of Parece Vela Reef indicated that the reef is pear-shaped-in an east-west direction-with its greatest width at its eastern end. No open channels were observed, although there appeared to be deeper water over the reef on its northwestern side. A circular underwater construction of quarried or concrete blocks, about 40 feet in diameter, the highest part of which was barely awash, was observed in the southwestern part of the lagoon. The aforementioned rock, about 6 feet high, was not visible.

SABLE/St PAUL Reports have popped up from time to time about efforts aimed at St Paul or Sable. VE1BFV is permanent party, more or less, on Sable and is being worked. St Paul is something else and some information on the possibilities for either has drifted this way from a good source.

St Paul is ice-bound during the winter months and up to around the first part of May the only way one might get on to St Paul is via helicopter. With a chopper it might be one thing to get to St Paul and another to get it set down with the wind ususally found there. There is a light-house keeper on the island who is reported to be as amiable as a bear with a sore nose and he pretty much has the say about the island.

It does not seem feasible to expect to just head for St Paul and expect to operate. It may take a bit of doing and the way may be a bit rough.

To land on Sable you need both the permission from the Canadian Department of Transport and the Canadian Environment Agency. The only ingress permitted is via air and one airline is reported to be the sole holder of landing rights. There are no lodging facilities on the island and Environment has indicated that they cannot handle nor be responsible for guests.

The only possible shelter is a quonset hut for VIPs, this being about two miles from the air strip. If the Environment people do not offer to run over with their tractor, an unlikely possibility, you are stuck.

There have been a good number of requests for operating permission for these islands, both from W/K_S and VE groups. Undoubtedly there will be more operations from St. Paul and VE1BFV is supplying Sable regularly. If one is thinking of the summer months and possible operations from these spots, it may pay to do some checking first. It may not be as easy as one might imagine.

W6AOI_SILENT KEY John Ellison, W6AOI, a member of the Northern California DX Club became a Silent Key on May 3rd while in a hospital for some surgery. A retired Navy Captain, John was an Annapolis graduate and had also studied at MIT. A very pleasant and knowledgeable person, W6AOI was always a considerate gentleman. Burial was at Arlington National Cemetery.

MALPELO Though there does not appear to be any action on this one in the near future, reports are starting to come out of Colombia that some thinking is being directed towards an effort in 1977. There will be a celebration in that year of Colombian independence and an effort may come in connection with that celebration.

EME-WA6LET This will be coming via the big 150' dish at Stanford Research Institute in another week, the time will be from 1000 to 1900Z on May 23rd. WA6LET will transmit on the odd minute and listen on the even minute.

Transmitting frequency will be 432.095mhz. Listening frequencies will be:

432.025mhz to 432.050mhz. 432.000 +/919mdu

Also, it is possible that 222.000mhz and 220.000-220.075mhz will be used as allistening frequency, also.

WEST COAST DX BULLETIN Second-class postage paid at San Rafael, Gabifornia
Published weekly by the Marin County DX Group Hugh Cassidy WA6AUD

\$10.00 per year in the U.S/VE areas by second-class (newspaper treatment) mail. \$14.50 per year in the U.S/VE areas by first-class mail. \$17.00 per year for airmail service to Mexico and all the DX areas around the world.

The Sunspots Will Rise Again!!!

IRCs It is often found that while DXers are well acquainted with IRCs, not too many others are, even in Post Offices. Demand for the coupons is generally dependent on whether there is a DXer in the neighborhood and where there is no DXer, the sales of IRCs is often non-existent.

With coupons now costing 42¢, James Spencer, WØFHE, wrote to the Post Office Department on the matter and received a three page answer. It would seem that most everyone can learn something from the reply and there are reasons why some things are done. The following are excerpts from the long letter.

- 1. The U.S. is one of 154 member countries in the UPU. The UPU is established to facilitate the exchange of mails between countries as well as to provide for some uniformity in postal service. The UPU adopts regulations on surface postage rates with a lower limit and upper limit. The upper limit is the basis for the minimum charge for IRCs.
- 2. IRCs shall be on sale in member countries. The value of a reply coupon shall be 1 franc and the selling price may not be less than this value.
- 3. Reply coupons shall be exchangeable in any member country..for the minimum postage prepayable on a unregistered letter sent abroad by surface mail. When a sufficient number of reply coupons are presented, administrations shall be required to supply postage stamps for the minimum postage prepayable for dispatch by air...
- 4. Notwithstanding, postal administrations shall be permitted not to undertake the sale of international reply coupons, or to limit their sale.
- 5. The UPU prescribed a minimum charge of one gold franc (approximately 40 cents) for coupons because the upper limit charge for a surface letter not exceeding 20 grams (1 ounce avoirdupois) prescribed by the UPU is one gold franc.
- 6. Prior to January 1975 the settling of accounts for IROs was handled between countries on a bilateral basis. Starting in January 1975, the headquarters of the UPU in Bern, Switzerland, started settling coupon accounts for all member countries. All accounts are settled on the basis of a coupon value of one gold franc.
- 7. The 2¢ differential is designed to cover part of the costs of purchasing, transporation, distribution and accounting. For printing and transportation to the U.S., this alone costs 1¢ per coupon.
- 8. The U.S. in 1974 proposed an IRC to prepay air letter postage from all countries. This was not voted upon favorably. However, the UPU did set up a committee to study the feasibility of such a coupon.

Somewhere, in all of that, you should have learned a bit more about IRCs. Costly?, Yes! Essential....Yes!! Often it is felt that possibly more IRCs are sold between amateurs than some metropolitan Post Offices might sell in the course of a year....

WORLD QSL BUREAU 111 Farm Hill Way, Los Gatos, Calif. 95030

The World QSL Bureau will move QSLs at a price that you cannot ignore!! The World QSL Bureau takes the drudgery out of QSLing!! Try it today!

QSLs go for 6¢ per card. Gather twenty or more and the rate is 5¢ per card. Bundle up a 100 and they go for 4¢ each. Absolutely Unbelievable!!

SHORTLY NOTED This was a week when there really was no startling DX news but there still seems to be an awfully lot to fill these sheets...

We got no late word on the YI-plans of DL7FT, this being Friday evening, and nothing further on the SP6-plans. In other areas, the Baja Nuevo project there is come checking of licenses, etc. of those who may participate and as of last Friday it was shaping up but it probably will not show for another week or so

K5QHS, San Hutson, has also been working in that direction, his plans being tied in with some HK-operators. They have been leaning to an early Fall effort but San would rather not be on a low reef like Baja Nuevo during the hurricane season and he has been leaning the other way towards the June-August period. Whether or not these Baja Nuevo plans come off, San is also working on a couple of others which will interest any Deserving DXer. Something will come....

It might be noted that some of the various nets meet ...

Arkansas DX Assn Mondays and Fridays 3815khz 0100Z Pacific DX Net Tuesday and Friday 14265kc 0600Z

Last Friday, May 7th, the ARRL in Official Bulletin 588 noted that the FCC had announced that during the duration of the earth wake emergency in Italy, that the Italian had lifted its bandagainst 3rd-party traffic.

In those tide tables for Oki-no Tori Shima, the COAST PILOT says: "Heights are reckoned from the datum of soundings on charts of the locality which is mean lower low water".

RSGB is looking to WARC 1979 and has asked Lord Wallace of Coslany if he would stand for election for RSGB President in 1977. Lord Wallace said he would. It might also be noted that "...Enquiries have been made to (RSGB) headquarters as to the views of the Society on the so-called citizens band activity in the segment between 27 and 28mhz. At the present time the opinion of the (RSGB) Council is that no support can be given to the establishment of a communications band in this part of the spectrum. In the UK all transmissions in this band comprise the use of tones, i.e for paging and location and for model control. Reports of cb activities in the USA show gross violations of the regulations, leading in some cases to heavy fines and prison sentences. The Society has no desire to see the spread of these practices to the UK, particularly as in many cases press reports do not differentiate between the licensed radio amateur and the 27mhz users, most of whom are unlicensed". Son of a Gun!!

TA1ZB often around 14026kc/2045Z. A week or so back he was calling 'CQ' and could not get anyone to answer him. Wallis may still be a possibility for the Colvins after their tour this month at YJ8-New Hebrides.

We are still looking for names and mailing addresses of DX Clubs in the US/VE areas. So far we have both the North California/Southern California Clubs, Delta DX Assn; Twin City DX Assn; Southern New England DX Assn; Eastern Iowa DX Assn; The National Capitol DX Assn and the British Columbia DX Club. We know there are a couple more and if your club is not listed, jiggle the secretary a bit to give us the information. We are also looking for DX repeater frequencies. Somewhere along the line we will publish the whole list. Think of how you will feel if your club is not listed!!

Some have asked about Bill Rindone's not giving his itinerary in advance so some time off can be planned. We had Bill's travel plan when he departed. It came apart before he got to Christmas Island. We have checked with one of Bill's neighbors who relays messages to his XYL and he is at sea as much as we are. At this point it appears that Bill is flying by the seat of his pants, knowing generally where he is going but the time and dates for any long-range announcements are uncertain. Generally, there are some 'if's' and 'maybes' in his plans. However, watch when he heads down into Africa...this was where some surprises were to be!!

REPORTS FROM RED EYED LOUIE

Though the night was made for DX, And the day returns too soon...

```
LOW BAND LOUIE
 HC1XG/HC8 1805/0900
 PY 1 RO
        1803/0320/May 3e
 AH7 EB
        3806/1030/May 2w
                            PY2ELZ 3798/0525/May 3e
                                                       XL2ACW 3802/0525/May 2m
                                                       YU2RTW 3502/0330/Apr 30m
 DF3KV
        3799/0300/Apr 29e
                            PY3BDH 3785/0325/May 3e
                            PY5AJ 3791/0320/May 3e
                                                       YU4EBL 3797/0425/May 3e
 DK6NN
        3808/0055/May 1e
 WA6EVX/KG6 3807/1045 30w
                            VE1BFV 3804/0530/Apr 27m
                                                       ZD8TM
                                                              3503/0140/May
                            VP2KN
                                   3810/0335/May
 LU2FED 3736/0100/May 3e
                                                       ZS6DW
                                                              3777/0350/Often
                                                  1e
                            VS6DO
                                   3806/1200/May
                                                              3778/0350/May 2w
 ON4LJ
        3799/0450/Apr 20e
                                                       9J2JN
 A35AF
                            KC4AAC 7007/0500/Apr 29m
        7005/1025/May 3e
                                                       YC1YQ
                                                              7002/1400/Apr 30w
                            KS6TV/KB6 7094/0910 24w
 CX7AF
        7012/0445/Apr 30m
                                                       YU5FGF 7018/2240/Apr 27e
                            LU8ADK 7003/2330/Apr 28m
 DK3SN
        7003/0125/May 1m
                                                       YBØABV 7008/1100/Apr 22e
 FO8ER
                            LZ2DR 7003/0045/Apr 30m
        7003/1150/May 2e
                                                       VK3MR
                                                              7005/2310/Apr 29m
 FO8DR
        7102/0515/May 2w
                            OX3ER
                                   7113/0820/May 2w
                                                       9959R
                                                              7012/0235/Apr 30w
 FK8CD
        7010/1025/May
                            SP2IW
                                   7012/2245/Apr 27e
                      3e
KC4USV 7194/0930/Apr 28m
                            SP9AI
                                   7005/0345/Apr 29m
AFRICA
         CW
EA8BF
        14004/0045/May 2w
                            9X5PT 44020/2155/May 2e
ZD8TM
       14037/2125/May 2e
                            9Q5QR 14017/2140/Apr 29e
ASIA
       * SCW
KA6CN
       14052/0905/May 4w
                             UJ8AC 14029/0300/Apr 29m
                                                         UM8FM
                                                                14024/1600/Apr 28w
UA9LAX 14020/1150/Apr 27e
                             UJ8AG 14050/0150/Apr 29m
                                                         UV9AX
                                                                14033/0255/Apr 29e
UA90BU 14049/1235/Apr 27m
                             UK90AD 14060/0320/Apr 28m
                                                         Wole
                                                                14034/0150/Apr 29e
UAØSP
       14049/0300/Apr 28m
                             UK9WAP 14030/1300/Apr 27m
                                                         4X4JU
                                                                14040/2300/Apr 28w
UAØRA
       14030/0305/Apr 28m
                             UL7TAM 14049/0135/Apr 29m
                                                         4Z4RS
                                                                14037/2345/Apr 27w
UAØFAM 14027/1240/Apr 27m
                             UL7FAZ 14042/0135/Apr 29m
                                                        9N1MM
                                                                14029/0130/Apr 29e
       14035/0200/Apr 22m
UI8AP
                             UL7FAE 14030/0210/Apr 29m
UI8AG
                             UM8NNN 14024/0120/Apr 28m
       14054/1110/Apr 29e
EUROPE CW
CT1UM
       14030/1750/Apr 28w
                            LA3HG 14022/1920/Apr 30m
                                                        UK6VAF 14030/1320/May 1e
CT2BS
       14026/2325/Apr 29w
                            LA7HJ
                                                        UR2RDI 14030/1130/Apr 29e
                                   14035/2240/Apr 28m
      14023/1750/Apr 30m
DL7BT
                            LA9EF 14021/0020/Apr 29w
                                                        UR2RCU 14036/1230/May 2e
DM4NEE 14022/1830/Apr 30m
                            LZ2US
                                   14030/1545/Apr 29w
                                                        UT5LF
                                                               14029/0445/Apr 21m
EA4CR 14023/1555/Apr 29w
                            OK1IBL 14022/1800/Apr 30m
                                                               14044/0400/May 2w
                                                        UT5EG
       14053/2200/Apr 30e
EA6DF
                            OK1MF 14026/1610/Apr 29w
                                                        UK2PAF 14037/2000/Apr 30e
       14043/2045/Apr 29e
EA6DD
                            SJ9WL
                                   14005/1400/Apr 24m
                                                        UY5YK
                                                               14037/0355/Apr 28w
GD4BEG 14026/1255/Apr 29m
                            SP9BBH 14022/1825/Apr 30m
                                                        YU2QZ
                                                               14022/1820/Apr 30m
GM3AWW 14004/1815/Apr 28w
                            TA1ZB 14026/2200/Apr 29e
                                                        YU2CDB 14030/1440/Apr 30m
HA7MC 14031/1625/Apr 29w
                            UA3ABM 14040/0515/Apr 21m
                                                        YU3TXT 14012/1550/Apr 29w
HB9AFH 14022/1900/Apr 30m
                            UA6LLT 14033/0420/Apr 28w
                                                        ZA1AC 14023/2235/Apr 27???
I3GNQ 14036/1605/Apr 28w
                            UB5SF
                                  14044/0400/May 2w
                                                        3AØFF
                                                               14018/1615/May 1e
JW5NM
      14025/0210/Apr 27e
                            UB5NS
                                                              14030/1145/Apr 29e
                                                        3Z5KM
                                  14026/1620/Apr 29w
(e = eastern states m = middle states w = western reaches ka = japan, etc )
```

(all times in gmt # = long path ??? = Zagreb Slim...active recently

MORE RED EYED STUFF

ELSEWHERES CW

### ### ### ### ### ### ### ### ### ##	ELSEWHERES CW								
USAN	CEØAE 14034/0625/Apr 27w CX4CR 14039/0435/May 3w DU10R 14033/0630/May 4w FG7AT 14028/2130/May 2e FG7AS 14006/1140/Apr 29e FO8AZ 14026/2350/Apr 29e FO8EZ 14024/0225/May 2e FO8DN 14036/1610/Apr 28w	HC1XG/HC8 14025/2310 29w HKØBKX 14035/0150/May 3e KC4USX 14025/1300/May 1e KX6MV 14021/2205/May 2e KX6MJ 14032/0320/May 4w LU9DER 14030/0310/Apr 29m OX3NB 14012/0045/Apr 29w P29JS 14034/1410/Apr 25m	VK6RJ 14020/1155/May 1e VK3BW 14053/0425/Apr 27w VP2GLE 14012/0020/May 3e VP2MB 14021/0310/Apr 30e VP2ST 14023/0150/May 3e VP9HY 14010/2230/May 2w ZF1JH 14036/2325/Apr 26e ZL1BOK 14056/0420/Apr 27w						
CSAF 14209/2235/May 27e CN8BF 14209/2235/May 27e 27e	AFRICA SSB_								
BV2B 14226/2345/May 1e	C5AF 14209/2235/May 2e CN8BF 21297/2010/Apr 27e EA9EO 14205/2135/Apr 28e EA9FF 14265/2250/Apr 26m EL2JC 14255/0015/Apr 25w FR7BE 14215/1225/May 1e# SU1MA 14201/2045/May 1e	VQ9MHS 14265/2060/Apr 30e ZD7SD 14202/2010/Apr 27m ZD7SD 21276/1540/Apr 23m ZD7FT 14205/2130/May 2e ZS6PI 21280/1505/Apr 30m 3B8CA 14218/1235/May 2e 5N2NAS 14333/1750/May 1e	6W8MW 14208/2100/May 2e 9G1JL 14219/2220/Apr 26m 9G1JC 14219/2220/Apr 26m 9J2AP 14204/1315/Apr 21m 9J2JC 21260/1600/Apr 28m 9Q5DM 21350/1930						
WSABA 1423/2330/Apr 27m WSABA 1423/1230/Apr 27m WSABA 1423/1315/Apr 25m 4x4LO 14234/2120/Apr 27m WSABA 14204/0250/Apr 27m UKØABA 14204/0250/Apr 27m UKØABA 14204/0250/Apr 27m UKØABA 14204/0250/Apr 27m UKØABA 14204/0250/Apr 28m 29m UKØVZ 14200/Apr 29m UKØVZ 14200/Apr 27m UKØABA 14204/0250/Apr 27m UKØABA 14204/0250/Apr 28m 29m UKØVZ 14201/1125/Apr 27m 27m	ASIA SSB								
EA3JE 14209/1230/May 2e OE9HAJ 14203/2235/Apr 26m UK2GAB 14265/1220/Apr 29e EA6BG 14215/1235/Apr 30e OG8AA 14204/1755/Apr 28w UK2BBB 14203/1340/Apr 29m UK2GKW 14206/1805/Apr 28w ON4IZ 14258/2300/Apr 26m UK2GKW 14206/1805/Apr 28w UA3WJ 14212/1315/May 2e SP9AI 14201/1945/Apr 27m UA3WJ 14212/1315/May 2e SP9AI 14201/1945/Apr 27m UZYDE 14253/1150/Apr 29e UK2CKV 14224/1345/Apr 27m UK2WZ 14219/1945/Apr 27m UZYDE 14253/1150/Apr 29e UK2CV 14224/1345/Apr 27m UK2VZ 14219/1945/Apr 30e UK2CV 14219/1930/May 2e UA3WJ 14212/1315/May 2e	HS5AKW 14225/2330/May 1e JR6YAX 14205/2210/Apr 26m JY9CR 14216/2025/May 1e UAØFCK 14208/0050/Apr 27m UA900 14205/1220/Apr 30e UI8FFF 14203/0140/Apr 29m UK7LAH 14222/2120/Apr 27m	UK9ABA 14237/1230/Apr 30e UK9AAN 14223/1315/Apr 25m UKØBAE 14208/9200/Apr 21e UKØSAA 14204/0250/Apr 28m UKØVZ 14220/1345/Apr 29m UM8FM 14201/1125/Apr 27e	487PB 14216/1720/Apr 27m 4X4I0 14234/2120/Apr 27m 4Z4BL 14234/2010/May 2e 5B4BK 14207/1850/May 2e 9V10I 14218/0530/Apr 27w 9V1RD 14212/1515/May 1m						
EA6BG 14215/1235/Apr 30e EI2CA 14246/2300/Apr 26m OH5XO 14264/1200/Apr 29e UK2GKW 14206/1805/Apr 28w OH5XO 14264/1200/Apr 29e UK2GKW 14206/1805/Apr 28w OH5XO 14264/1200/Apr 29e UK2GKW 14206/1805/Apr 28w UK2GKW 14206/1805/Apr 28w UK2GKW 14206/1805/Apr 28w UK2GKW 14206/1805/Apr 28w UK2GKW 14206/1805/Apr 29e UA3WJ 14212/1315/May 2e SP9AI 14201/1945/Apr 27m ZB2DN 14219/1930/May 2e LA4ZC 14224/1345/Apr 27m SVØWZ 14219/1945/Apr 30e ZB2DN 14219/1930/May 2e LZ2VP 14225/1305/May 2e TA1MB 14219/2005/May 1e PH1EL 14212/2130/May 2e ELSEWHERES SSB CP1AP 14260/0125/Apr 27m LU5HEN 28600/0015/Apr 28w VR1AC 14309/4340/Apr 27e FGGE 14245/1200/Apr 28m P29CC 14223/1210/May 2e VR6TC 21351/2335/Apr 27e FGGE 14245/1200/Apr 28m P29BN 14214/1215/May 2e VR6TC 21351/2335/Apr 27e FO8DP 14225/0345/May 1e P29BN 14214/1215/May 2e VR6TC 21351/2335/Apr 27e FGGEI 14301/0745/Apr 27e P29MM 14218/1230/May 1e VR6TC 21351/2335/Apr 27e KG6RI 14301/0745/Apr 27e P29GA 14219/1300/Apr 21m ZK1CL 14144/0340/May 2e KJ6CF 14335/0330/Apr 20m P29PN 14211/1500/Apr 25w JD2ER 14219/0510/May 3e KJ6DX 14301/0745/Apr 28e VK6RU 14215/1300/Apr 21m W3ZA/6Y5 14209/0150 29m KM6EA 14227/2345/Apr 28e VK9XK 14214/1430/May 1w BR1X 14294/1955/Apr 30e KS6DU 14255/1250/May 1e VR2VBG 14207/0400/May 1e BP6FE 14211/0000/May 3e VR2VBG 14207/0400/May 1e BP6FE 14211/0000/May 3e	EUROPE SSB								
CP1AP 14260/0125/Apr 27m DU1XKE 14219/0530/Apr 27w DU1XKE 14219/0530/Apr 27w FGØGE 14245/1200/Apr 28m P29CC 14223/1210/May 2e FO8DP 14225/0345/May 1e F29BN 14214/1215/May 2e KG6RI 14301/0745/Apr 27e P29BN 14218/1230/May 1e KS6DV/KB6 14309/1310 27e F29GA 14219/1300/Apr 21m KJ6CF 14335/0330/Apr 20m F29PN 14211/1500/Apr 25w KJ6DX 14301/0745/Apr 27e KJ6RU 1425/1300/Apr 21m KM6EA 14227/2345/Apr 28e KJ6DX 14207/2345/Apr 28e KJ6DU 14255/1250/May 1e VR1AC 14309/1300/Apr 27e VR6TC 21351/2335/Apr 27e VR6TC 21351/2301/Apr 27e	EA6BG 14215/1235/Apr 30e EI2CA 14246/2300/Apr 26m G2DF 14202/1810/Apr 27w HB9ALM 14209/1235/May 2e I4VEQ 14204/1605/May 1w LA4ZC 14224/1345/Apr 27m	OG8AA 14204/1755/Apr 28w OH5XO 14264/1200/Apr 29e ON4IZ 14258/2300/Apr 26m SP9AI 14201/1945/Apr 27m SP9CTW 14225/1725/Apr 28m SVØWZ 14219/1945/Apr 30e	UK2BBB 14203/1340/Apr 29m UK2GKW 14206/1805/Apr 28w UA3WJ 14212/1315/May 2e YU2YDE 14253/1150/Apr 29e ZB2DN 14219/1930/May 2e 3Z5KMB 14210/1840/May 1e						
DU1XKE 14219/0530/Apr 27w FGØGE 14245/1200/Apr 28m FGØGE 14245/1200/Apr 28m FO8DP 14225/0345/May 1e KG6RI 14301/0745/Apr 27e F29BN 14214/1215/May 2e KJ6CF 14335/0330/Apr 20m KJ6DX 14301/0745/Apr 27e KJ6DX 14301/0745/Apr 28e KJ6DX 14201/0745/Apr 28e KJ6DU 14255/1250/May 1e KS6DU 14255/1250/May 1e VR6TC 21351/2335/Apr 27e VR6TC 21351/2335/Apr 27e YBØACG 14260/1625/Apr 30e YBØPG 14207/1250/May 1e ZK1CL 14144/0340/May 2e XJ6CF 14335/0330/Apr 20m P29PN 14211/1500/Apr 25w JD2ER 14219/0510/May 3e WK9XK 14214/1430/May 1w RR1X 14294/1955/Apr 30e KS6DU 14255/1250/May 1e VP2VBG 14207/0400/May 1e RP6FE 14211/0000/May 3e	ELSEWHERES SSB								
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DU1XKE 14219/0530/Apr 27w FGØGE 14245/1200/Apr 28m F08DP 14225/0345/May 1e KG6RI 14301/0745/Apr 27e KS6DV/KB6 14309/1310 27e KJ6CF 14335/0330/Apr 20m KJ6DX 14301/0745/Apr 27e KM6EA 14227/2345/Apr 28e KS6DU 14255/1250/May 1e	LU7ACT 14216/2300/Apr 27m P29CC 14223/1210/May 2e P29BN 14214/1215/May 2e P29BN 14218/1230/May 1e P29GA 14219/1300/Apr 21m P29PN 14211/1500/Apr 25w VK6RU 14215/1300/Apr 21m VK9XK 14214/1430/May 1w VP2VBG 14207/0400/May 1e	VR1AF 14301/0840/Apr 27e VR6TC 21351/2335/Apr 27e YBØACG 14260/1625/Apr 30e YBØPG 14207/1250/May 1e ZK1CL 14144/0340/May 2e 3D2ER 14219/0510/May 3e W3ZA/6Y5 14209/0150 29m 8R1X 14294/1955/Apr 30e 8P6FE 14211/0000/May 3e						

CALENDAR

BILL RINDONE BAJA NUEVO ABU AIL EUROPA LORD HOWE GRAND CAYMAN LIECHTENSTEIN IRAQ FRESNO INTERNATIONAL NZART GOLDEN JUBILEE YL ISSB CONVENTION NORTHWEST DX CONVENTION DXPO 76 USSR TEST

Expected to open in the United Emirates over Last weekend Looking good moving but no late word. Mid-May to Mid-June .. Nothing new to keep the hopes up..... FR7ZL to open from this Juan de Nova spot in next week or so VK2FT should be heard about this time... Watch the low freqs... ZF1BT from May 25th by W5UFF HBØXAA from May 26th by the Wiesbaden Radio Club DL7FT said he would be on from this Monday ... The Big DX Meeting. This weekend at the Fresno Hilton June 4-7th in Auckland. ZK1BKL for details.... June 24-27th in Long Island City. WOUUE for details. Aug 7-8th in Vancouver, British Columbia Sept 25th in the Washington, D.C. area. May 22-23rd. A world-wide effort. C.W or SSB

SOME SHORT NOTES Also at that IARU Region II meeting in April at Miami was G3FKM, John Allaway, the President of RSGB. G3FKM does the DX column in the RSGB Bulletin, "The Month on the Air". Also reported as being in attendance was Roy Stevens, G2BVN, a former officer in the RSGB and presently a member of the RSGB Council, PAØLOU, L. van de Nadort and Shozo Hara, JA1AN, of the JARL.

There were 23 countries from Region II present at the meeting, the only ones absent were TI-Costa Rica and C6A-Bahamas according to the reports. There were both official and unofficial talks. One good surmise is that the Oki-No Tori Shima matter was discussed

The OSCAR satellite scheduled for launch in 1978 will be a far more complex unit. The new one will carry two 144 to 432mhz transponders, a 2304mhz beacom and a microporcessor set (RCA CDP1801) housekeeping unit.

The new satellite will seek to correct some problems in the earlier OSCARS which suffered from strong signals hogging the output. It is felt that the problem of handling multiple uncoordinated uses has been solved. The new Phase III OSCAR will have two 50w PEP transponders and will be lofted into orbit with the help NASA, probably with an ITOS weather satellite.

The FRACAP, Central America Radio Club Convention, held on the April 23rd weekend, had over 650 foreign amateurs in attendance. Vic Clark, W4KFC, was also there....

MADISON ELECTRONICS SUPPLY 1508 McKinney Ave. Houston, Texas 77002 (713) 224 2668

Nights (713) 497 5683

DX SPECIALS FROM THE DX SPECIALISTS!!

DRAKE MN-2000 \$186.00 ... in sealed cartons.

CDE HAM-2 ROTATOR (List price is \$169.00) Madison ships FOB Houston..\$129.00!!

Belden rotor cable 14¢ foot

CDE .001/10kw DOORKNOB CAPS \$1.95 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

Need something special??? Write K5AAD and tell him what you need...

Max W5GJ Don K5AAD Mary W5MBB Dave WA5ZNY

FCC The FCC has issued a notice of proposed rulemaking, eket 20777, that would delete all references to specific emission types, such as A1, A3, etc. in the amateur radio rules. FCC proposes to replace the present provisions with limitations on the allowed bandwidth wich an amateur signal may occupy in certain portions of the amateur bands. Four categories of permissible bandwidth are proposed. These are: Less than 350 Hz; Less than 3.5khz; less than 35khz and 35khz or more. CW and RTTY emissions would fall into the less than 350 Hz subbands. SSB, FAX and conventional SSTV would be allowed in the 3.5khz or less subands. Conventional a.m. and nbfm would fall into the 35khz or less category. Comment deadline is June 23rd...reply comments July 23rd. More detail will be in QST.

TNX TO W1AM, W1DAL, W1GZI, WA1IJC, WA1SSH, K1TZQ, W1WQC/4, W2CNQ, W2FPM, WB2LOF, WA3DMH, W4AAV, W4BRB, W4GTS, W4KA, K4QMQ, W4UF, W4UMF, W4TYE, K4FYQ, WA5AUZ, K5DEC, K5OVC, K5QHS, K5TSQ, WA5WEY, WA6CXK, K6EC, WN6EJL, W6GC, W36IXC, W6KYA, K6LAE, WA6MWG, W6TSQ, K6UFT, WB6UJO, K6VY, WB6ZUC, K7ABV, W7KSA, WA7OBH, W8BQV, W8OA, W9KB, K9KEV, K9UIY, WØBA, WØBN, HP1JC, JA1JIX.

WEST COAST DX BULLETIN Published every week by the Marin County DX Group. This being the tomato planting season, it is essential to watch one's competitors. Last week we dropped in on one of the local QRPers to see what was doing. We found him cultivating mint. "Look", he said, here is my spearmint. Over there is my reppermint plant and that tall one is my orange bergamont mint. I am expecting a hot summer and I am prepared. 'Be Prepared' I always say", he said and we were on him fast. "For what?", we asked and the ARPer smiled. "Well, I was thinking of some nice tall Mint Juleps for one thing. Or maybe one of those big Planter's Punch .. all packed in that shaved ice. Sometimes it is hard to find fresh mint so I am growing my own. Be Prepared!". You know something, we had to stop and think this over for this QRPer was one of those dry ones. Maybe a small beer once in awhile but never nothing more. "Whose leg you trying to pull?", we asked. "You never touch any of that stuff" and the QRPer started to swell and bristle. "Look", he said, "Who has been putting up that big tower with the stacked monobanders? Who has been up every dawn looking for Abu Ail? Who has been saying that all of this is to work a YI or a BY or a 3V or a South Sandwich or any of those that have not been around for twenty years or more?". We had to admit that maybe it did fit our pattern. "But that's different -- ", we started to say and we were cut off. "Look, Buster", the QRPer said, "what makes you think that you are going to work any of those at all? Tell me!!". Son of a Gun, we knew we had him there. "But we might", we quickly interjected. "We might find one and we want to be ready. "Be Prepared" like you say". The QRPer snorted at this. "And what makes you think that the possibility of me working on some mint juleps this summer is any longer than you working YI or Abu Ail or something like that. My plans are possible!!". We were on a losing end of the gig for anticipation is often the biggest joy of all. \$10.00 will bring you a full year of joyous DX Anticipation by second-class mail in the U.S/VE areas...\$14.50 brings it to you by first-class mail while \$17.00 flies it to all those DX lands down the curve of time and beyond the hours of dawn.... One will learn never to argue with a dreamer....

WEST COAST DX BULLETIN 77 Coleman Drive San Rafael, Calif. 94901