

MT ATHOS Though there have been some minor changes, this one looks rather solid for the coming week-end. All the necessary papers appear to be either in hand or were expected momentarily. Some of those who had been mentioned as possible participants have had changes in their plans and of last week it was shaping up pretty much as an all-Hellenic effort. In addition to Aris, SV1GA, it appears that SV1DB will be in on the operation plus other operators.

The plans are to gather in Athers this coming Saturday and then on to Mt. Athes

The plans are to gather in Athens this coming Saturday and then on to Mt. Athos with arrival there expected on Sunday, July 20th. The forecasts look good and at

this point all you can do is wait in anticipation

BURMA Band conditions were not good but then again, neither was the news from the SEAsia area. Robin, 9V1RR, did go to Burma but he could not get all the gear aboard the plane. In fact he could not get all his needed field struments aboard, this being the gear he needed for the h.f. communication survey he was to make for the Rangoon government. A slight matter of weight limits....

Word out of Hong Kong last week was that it is possible that Robin will have to make a second trip to Burma. More information on the possibilities of amateur operation may be developing but at this point it is a waiting game.

FERNANDO DE NORONHA PUØYS and PVØAKL were not heard as expected and nothing is known of what the problems might be. The last direct word from Joe, PY7YS, in June had things rather definite. There has been a third-hand rumor that the effort was put off for a week and may show around July 13th. If it did, you may have heard it by now.

TUNISIA Jorma Saloranta, OH3XZ, passes along the information on a projected OH-effort in 3V8-Tunisia. This will run from August 1st to August 15th and will include the operators OH3XT/OH5UX/OH3XZ.

The group have asked for licensing and the assignment of the call-signs 3V8CW and 3V8DX. As of last week Jorma was figuring that they had better than an even chance of getting the licenses. The problem at this point that the licenses must be applied for in person in Tunisia and they will be a bit on edge until they get the permission in their hands.

The gear will include a Kenwood TS-520 with a 14AVQ and a dipole for eighty meters. They plan to use both c.w. and phone all bands and reportedly will be asking for a special license for the eighty and fifteen operation. QSLs will go to OH3XZ.

8Z4 Saudi/Iraq Neutral Zone Over in Saudi Arabia, Iraq and Saudi Arabia delegates meetin, in Riyadh signed an agreement on July 2nd to delineate their borders. The borders, which have been in dispute for years, will be drawn to equally divide the neutral zone. The border will then be a straight line with each side keeping an equal share.

This probably will eliminate 8Z4-Neutral Zone as a DXCC Country. The activity there has been rather sparse and when Geoff Watts ran his 'Needed List' last year, 8Z4 was No. 6 in the needed ones.

SUNSPOT LOUIE After a magnificant showing of last week when it was possible to note that a single, large sunspot had appeared, this weeks finds us back in the ruts as the cycle bumps its way long the bottom.

That large spot rotated to the back of the sun on July 6th and propagation dropped. Band conditions were not good in the last week and probably will continue low through this week. It might be noted that around the Fourth when the effects of the sunspot might be noted, the East Coast was working into Europe on ten meters. Remember the days when the sunspots

would be numbered in the hundreds?

A note passed along by W8ZOK relays come comment by K3FC into noted that this large spot observed around the first of July was trailing three small spots when it crossed the center meridian of the sum on June Both. The sunspot diminished in activity and was noticeably less active on July 1st and the small trailing spots had disappeared.

We ran a check with the Palos Verdes Sundancers on their summer plant. "We were going all out for the Fourth of July...had to help with the tourist traffic, you know", the leader reported, "but we will rest until it is time for the Mt. Athos effort. We drafted a new bass bongo beater and 3B will certainly help us". You know something, we're passing this along just as it was told to us for there are mysteries in the heaven that as yet we do not understand. A 3B?

But with W4UMF we are able to get a better grip on things and Ted comes roaring out of the East with the latest up-date. No bongos!! No jump and jiggle!! Just straight flux!!!!! Ted reports:

Jul	14	Below Normal	,	July	22	High Normal
	15	Low Normal			23	High Normal
	16	Low Normal			24	High Normal
	17	Low Normal				High Normal (Possibly
	1.8 ;	High Normal			26	High Normal Above Normal)
	19	Low Normal			27	Below Normal
•	20	High Normal			28	Below Normal
	21	High Normal			29	Low Normal

(Sob)

There you have it for Mt. Athos. Ted did his best. Conditions are expected to degrade late on the 26th but if they hold up as predicted, things should go well.

W6TTS says that last week conditions were so low at times that he could not copy WWV. Gene said that if he could not copy WWV, there would have been scant hope for Burma. always a consoling thought. Anyhow, the Solar Flux went like:

•	Solar Flux	A Index		Solar Flux	A Index
July 1	76	13	July 5	74.	6
5	74	7	6	74	3
3	75	8	7	72	12
4	74	9			

Check WWV at 18 minutes after the hour and you will get the figures to help you with your charting.

WWV out of Boulder says that conditions should be depressed during the first of the week with things improving after that. Solar activity is expected to remain low. A geomagnetic disturbance which started on July 8th made conditions unsettled and this minor ionospheric storm was expected to continue to about July 15th. The predicted semi-monthly revised ionospheric predictions calls for a smoothed snnspot number of 17 to the end of July. While the smoothed number may show the long-range trend, conditions could be up sharply while the numbers stay low. Check your flux. It definitely is more revelant to existing conditions.

AMATEUR RADIO STATION

WB5BFZ

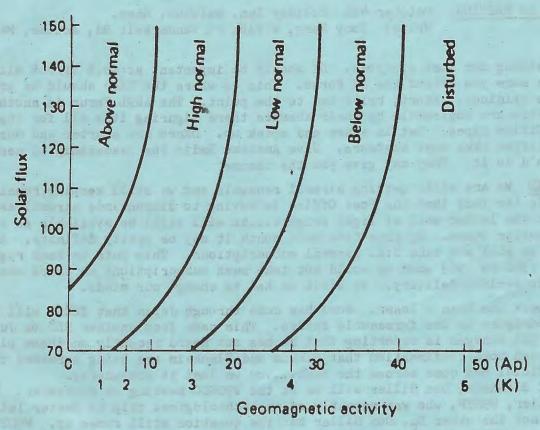
3008 Southwestern Blvd.
Dallas, Texas 75225
U.S.A.

ADDITIONAL STATION

WBSDTX

ANTENNA FARM
Dallas Suburbs

Chart for interpreting Quality of Propagation as predicted by Radio WWV, broadcasts. Every hour at 14 Minutes past 2½, 5, 10, 15 etc. MHZ



—Intersection of given values of solar flux and geo-magnetic activity determine expected h.f. ionospheric propagation conditions. (Example: S.f. —80, Ap —25; expect Below Normal conditions.)

DX MEETINGS A number of major DX meetings will be held in the coming months..some are regional, one is national. DXers may be interested in and wish to participate in some of these meetings. Often these are the places to make your opinions heard. For as W6TSQ often says: "What's good for DXers is good for Amateur Radio!". And all we can say is: "Sam, how do you come up with all those pithy sayings?" and all he says is "Practice!!". Anyhow, here's where you can meet the other Deserving DXers:

NORTHWEST DX MEETING Bob Ferrero, K6AHV, will give the Kingman Story.

August 2/3rd. Doubletree Inn, 205 Strander Blvd. Seattle Write: Western Washington DX Club 5608 37th Ave SW

Seattle, Wash 98116

SIERRA HAMFEST August 9th. Reno, Nevada

Nevada Amateur Radio Assn, Box 2534, Reno, Nv. 89505

ARRL NATIONAL Reston, Virginia...outside Washington on way to Dulles

Check recent QST for details

W9DXCC MEETING 23rd Annual Meeting. Itasca, Illinois

September 20th. White for details to: W9ZTD/W9ZRX/K9OTB/

W9VNE/WA9FUD or WA9BWY

NEW ENGLAND DX MEETING October 4th Holiday Inn, Waltham, Mass.

Write: Tony Berg, W1VAH, 11 Vanderbelt Rd, Action, Mass 01720.

There's something for most everyone. DX should be important at most if not all of these. Make sure you attend the DX Forum. This is where the DXer should be prepared to voice his opinion...short, brief and to the point. The ARRL Forum is another must and often DXers are noticeable by their absence there figuring it's all for the traffic and Sister Cities types. Get in there and speak up. DXers are smarter and more technically qualified than most amateurs. Give Amateur Radio the leadership it needs. Tell how you'd do it. They may give you the chance!

SHORTLY NOTED We are still getting airmail renewals and we still keeping running up the flagpole the fact that the Post Office is moving to discontinue airmail as a service for the letter mail of light weights...it will still be available as a priority item for heavier items. By this time next month it may be pretty definite. As as of August 1st we will not take U.S. airmail subscriptions. This puts us back right where we were in 1968 to 1969 when we would not take such subscriptions as there was little advantage in earlier delivery. We admit we had to change our minds.

This last week has been a loser. Word has come through Japan that 3B8DL will not be going to Rodriguez in the forseeable future. This came from another 3B8 on July 5th and 3B8DLs QSL Manager is reporting that he has not heard recently on these plans. There has been more confirmation that Sikkim and Blenheim are being scrubbed though nothing official has come across the desk...or we lost it somewheres. Speaking of Blenheim, Don Miller will be at the W9DXCC meeting in September. That's Dr. Don Miller, W9NTP, who was recently on an archeological trip to Easter Island. Definitely not the other Dr. Don Miller but the question still comes up. W9CTY a newscaster for WBBM in Chicago will be the host at the W9DXCC....he was also reported as possibly being in Nepal in September.

Don Riebhoff expected to be in Portugal last week, arriving there on July 10th. He has applied for a license and expects to be on the air around August 1st. The Andaman Islands, if you check the Call Book, has VU2DSN/VU2RNI/VU2RSR/VU2VNB/ and VU2YAK listed....VU2ANI is another one to be found. VU2ABC now back in Washington, notes that often people fail to check things out and figure that VU2 is just another Indian... W9SZR sent in this list of stations on Andaman which are listed in the last update on the DX Call Book.

This is another edition which pushes the weight limit. If we missed anything, you will know why. Even at the bottom of the cycle there is more DX news available than we can fit in each week. Some day we will work up to a "New York Times' edition of DX items.

CBers and STUFF LIKE THAT FORBES Magazine in their July 15th issue notes that it is not hand-held calculators which are the hottest-selling consumer electronic product but rather Citizen Band Radios which sples are growing at 30% a year while the calculators are only up 13%.

Sales of CB gear was \$140 million in 1973....they should reach \$350 million this year and \$500 million next year. Many electronic retailers report CB gear as the hottest selling items. License requests are reported as scaling 200,000 per month.

Some point to the full shortage and the truckers strike as triggering the interest in CB gear, the publicity that was given to those matters got a lot more people interested. Prices have declined and where the price of a good piece of gear was \$250.00 a couple of years back, the switch to integrated circuits has brough the price down in some instances to less than \$150. Tie-in sales of scanners are also going well with house-wives among the biggest buyers.

70% of the CB gear is made in Japan but E.F Johnson and Hy-Gain Electronics are still significant factors in this field. Johnson in 1974 had sales of \$46 million and Hy-Gain of \$16 million. Johnson stock has gone from 10 to 48 this year and the share-holders equity has climbed to 22%. Hy-Gain lost money in 1970 and 1971 but in recent years has been turning a margin of up to 6% on sales and has averaged about 9% on stockholders equity.

CB gear is expected to be offered as optional gear by Detroit between 1977 and 1980. This may bring some of the bigger companies in the two-way radio field such as General Electric and Motorola into the field.

The use of CB gear by truckers and the like is not always harmonious....as some may have suspected. During the 1975 running of the Fourth Cannonball Baker Sea-to-Shining-Sea Memorial Trophy dash, the contestents using CB gear heard truckers whistling up the Smokey Bears when they zipped by. The feeling being that the truckers were using the CB gear to alert the patrol and ingratiate themselves with the locals.

Some may wonder what the Cannonball Baker Sea-to-Shining-Sea Trophy dash might be. It's a speed dash from the start at a garage in New York City to the Portofino Inn at Redondo Beach. You are clocked out in New York, run any course you wish and the draw to check in at Portofino with the 1 st elapsed time is the winner.

This year the winning time was 35 hours and 53 minutes....that's total elapsed time from start to finish and included a speeding ticket in Ohio. Average speed was 81.0 miles per hour and the vehicle was a Ferrari Dino 246 G.S. Second place went to a Chevrolet pick-up truck which had 37 hours and 50 minutes elapsed ime and averaged 76.8 miles per hour. The Chevrolet pick-up led some more exotic types such as Mercedes-Benz 450SL; Buick Electra; Porsche Carrera; Pontiac Firebird; Porsche 911. One contestant was a TRAVCO motor-=home which covered the distance in 45 hours and 35 minutes and a Bristol 410 Saloon!!

Speeds well over 100mph are maintained on sections of the Cannonball. 61 vehicles have made the run, putting in over 52,000 highway miles without an accident. Bet you didn't know all of that before.....

CARIBBEAN KØSGJ, Lawrence Robinson, was looking up celebrate Bastille Day in St.

Martin as FSØBUY and will be there July 14/15th and then on July 20/21/22nd. In
between he planned to hit FG7-Guadeloupe; FM7-Martinique; VP2A-Antigua; VP2E-Anguilla;
and PJ7 You can add up the countries and figure the days and you will probably
conclude he will be one day at each stop.

MOZAMBIQUE It would appear that new call-signs are being used in the CR7-area and W6YFR reports working Joe, CR7JO who was signing C9MJO. Joe was at 14217kc at 0730Z on July 6th. Said to QSL to P.O. Box 3512, Laurenco Marques.

NAURU C21NI being heard on twenty last week. Said to QSL to Box 29, Nauru. Was found mostly at the low end of the twenty meter phone band.

REPORTS FROM RED EYED LOUIE

Breathes there the ham with soul so dead Who never gave up sleep and bed To work some foreign land

(Sir John Burke)

AFRICA CW								
G6ZY/CN1 14001/2250 4m CR7AL 14035/2000/Jul 2e FB8ZF 14019/1240/Jul 2m	ZS1RM 14020/1340/Jul	7w 5T5GS 14041/2015/Jul 1m 7w 5Z4LW 14003/1415/Jul 7w 7w						
ASIA CW								
HM1AQ 14022/1250/Jul 46 HM1F0 14047/0500/Jul 8n HM1IQ 14038/1635/Jul 4n HMØB 14049/1605/Jul 4n OD5IH 14041/2035/Jul 4n UD6DGG 14031/0000/Jul 2n UD6DGG 14034/0230/Jul 7n UF6AE 14011/0220/Jul 4n UF6FAE 14020/2220/Jul 5n UF6FAE 14027/1405/Jul 2n UF6DG 14026/0250/Jul 7n UF6DG 14026/0250/Jul 7n UF6DX 14014/0220/Jul 6n UH8BZ 14026/0210/Jul 3n	U18YAA 14027/0105/Jul U18ACZ 14030/0240/Jul UJ8JAS 14013/0630/Jul UJ8AE 14026/0205/Jul UL8AC 14028/0220/Jul UK9CDG 14049/1300/Jul UK9CAE 14040/1435/Jul UKØIAB 14023/0445/Jul UKØCAS 14037/1445/Jul UL7FAZ 14045/1420/Jul UL7RAN 14018/0315/Jul UL7WH 14026/0300/Jul UL7QF 14020/0200/Jul	7e						
UH8YAA 14026/0155/Jul 7	UM8FM 14020/0625/Jul	5m						
DM2CYO 14025/0515/Jul 20 DM2CYO 14025/0515/Jul 20 DI7RV 14007/1630/Jul 10 EA1BC 14010/0815/Jul 60 EA6BD 14025/0010/Jul 30 EA6DF 14021/2235/Jul 40 F6DCQ 14004/1910/Jul 30 F8FE 14003/1855/Jul 20 F8AH/p 14027/0510/Jul 40 FC9UC 14002/2305/Jul 60 G2DVA 14020/1835/Jul 60 G2DVA 14020/1835/Jul 60 GC2LU 14021/2220/Jul 50 GC2LU 14021/2220/Jul 50 GC2LU 14009/1315/Jul 60 GA6RI 14009/1315/Jul 70 HA1SB 14060/0510/Jul 60 HA3KNA 14015/2150/Jul 30 I7USP 14029/2330/Jul 40 ISØAEW 14040/2055/Jul 50 ISØXX 14057/2205/Jul 60 FORTY/EIGHTY DESK	OE3NBB 14057/1410/Jul OH6XY 14018/0415/Jul OH1VR 14004/0455/Jul OH20M 14033/0530/Jul OF3B 14024/0340/Jul OK1ZU 14043/0000/Jul OK1EF 14018/0415/Jul OZ2ATT 14008/0235/Jul OZ5QZ 14025/0310/Jul OZ7BW 14012/0600/Jul PAØLEN 14038/0000/Jul SP6APV 14008/1650/Jul SP8KLX 14004/1315/Jul SM7ACB 14030/0600/Jul	3m SVØWTT 14011/0520/Jul 5w 2w TF3AW 14050/1735/Jul 1m 4w UA1TAV 14018/1350/Jul 2e 5w UB5MCU 14018/0520/Jul 7w 7w UB5FAP 14035/0420/Jul 5w 9w UC20AF 14033/0445/Jul 5w 2m UK2AAA 14023/0440/Jul 2w 6w UK3PAA 14042/1345/Jul 2e 5w UK6YAE 14025/0515/Jul 2w 2e UK5QBE 14015/1315/Jul 7e 6m UP2BAO 14023/0440/Jul 2w 4w UW3WE 14014/0610/Jul 4w 2m UY5DV 14006/0350/Jul 4w 2m UY5DV 14006/0350/Jul 4w 2w UR2FQ 14040/0410/Jul 5w 7e YZ3EYZ 14010/0525/Jul 7w 4w YZ3NP 14060/0500/Jul 6w 5w DM4PL/3ZØL 14009/2000 3w 4m						
CX7AF 7021/0535/Jul 7m	EA8FJ 7028/0600/Jul	2m OE5CA/YK 7090/0330 5e						
CT1QN 7026/0625/Jul 7m FB8YC 7005/0515/Jul 6w	G3MWZ 7090/0330/Jul KM6EA 7245/0725/Jul	5e 9Y4NP 7180/0550/Jul 2w 5e						
DK5EZ 3790/0310/Jun 28e DK8EY 3790/0315/Jun 28e DU6BG 3807/1215/Jul 2w G3SEZ 3790/0320/Jun 28e G3FJ 3790/0330/Jun 28e GW4BVN 3780/0410/Jun 30e	HR3AAW 3815/0300/Jul ON4LJ 3780/0415/Jun 3 ON5NT 3794/0040/Jul VK3WU 3695/1235/Jul VP2LL 3815/0205/Jul VS6DO 3807/1210/Jul	4e VU2GDG 3794/0100/Ju1 2e 30e WF60CF 3928/0200/Ju1 12w 3e ZK1CW 3807/1050/Ju1 2e 3w ZL1GG 3799/0950/Ju1 2e 7m ZL4KM 3807/1050/Ju1 2e 8w PAØEG 3780/0400/Jun 30e						

MORE OF THE RED EYED STUFF

ELSEWHERES CW						
A35AK 14014/0315/0ftc C6ABC 14029/1700/Jul C020M 14001/0015/Jul F08EI 14043/0315/Jul F08EH 14009/0440/Jul FPØXX 14015/2000/Jul FG7AS 14013/0025/Jul HP1AH 14071/0655/Jul KG6JEU 14031/1320/Jul WB6I ^C Q/KG6 14032/1330 K1MTJ/KG6 14019/1320	3m KH6CA	14022/0220/Jul /KG6 14035/1205 14038/0235/Jul 14020/1520/Jul 14028/1740/Jul 14034/0435/Jul 14037/2115/Jul 14026/0645/Jul	3e 2e 5m 2e 8w 9w 4e 5e 2e	VK7CW VP2LAW VS5MC XE4FR XJ7HL YB7AAU ZL1ST ZL2AI 9M8HG	14027/0550/Jul 14003/1335/Jul 14035/1300/Jul 14030/0245/Jul 14069/1655/Jul 14034/1300/Ofte 14005/0430/Jul 14039/1330/Jul	5w 6e 6e 2e 5w 2w 2w 7w
AFRICA SSB						
CR6CA 14333/2050/Jul C9MJO 14217/0730/Jul EA8CR 14333/1720/Jul EA9AQ 14214/2140/Jul LU2DZ/SU 14218/0225 ZS5PG 14225/1410/Jul ZS6DN 14205/1315/Jul	2w 3B8D0 6w 3B8DR 2w 3D6BG 2m 5T5GS 7e 5L2DF 7w 5Z4DD 5e 5L1E	14210/0415/0fte 14190/1335/Jul 14232/1410/Jul 14211/0300/Jul 14300/2205/Jul 14203/2025/Jul 14210/2205/Jul	5ka 1e 1e 4e 4e 4e	7X2BK 9G1AC 9G1AK 9J2JC 9X5SP	14211/2320/Jul 14284/2200/Jul 14214/2350/Jul 21260/1600/Jul 14281/2205/Jul	6e 4e 4w 4m 6e
ASIA SSB	'r '			. 1		
A4XVG 14217/0250/Jul A6XB 14242/0240/Jul EP2DB 14300/0500/Jul EP2SN 14202/0220/Jul HL9KZ 14221/1300/Jul HL9UF 14238/1230/Jul HL9TO 14233/1235/Jul HS5AKW 14211/1600/Jul KA8AA 14234/1225/Jul OD5ET 14207/0400/Jul OD5IO 14246/0130/Jul UA9FBA 14215/0250/Jul UA9ACN 14222/0200/Jul UI8CD 14250/0250/Jul UK7GAL 14216/0200/Jul UK7LAH 14233/0125/Jul	4m UK9ADT 7e UKØFAJ 6e UL7GAL 4e UL7PR 5e UL7YR 2e UL7BAB 3e UM8FM 4m UW9WR 2e VS6DO 4e VU2HI 5e VU2CK 4m VU2KV 5e VU2GDG 6m OE5CA/ 6e 4S7PB 7e 4S7BR	14204/1210/Jul	4e 6 5 6 6 m m e e e e e w w e w w	4X4WH 5B4PP 7Z1AA 9M2AT 9M2GV 9N1MM 9V1RS 9V1OI 9V1SD 9V1NR 9V1SQ 9V1RR 9V1RD,	14214/2135/Jul 14251/0440/Jul 14252/2105/Jul 14215/1330/Ofte 14335/1450/Jul 14210/1525/Jul 14202/1535/Jul 14242/1420/Jul 14220/1330/Jul 14212/1400/Jul 14204/1405/Jul 1420/1520/Jul 14202/1535/Jul	2m 5e 4e

PRØITU-St. Peter and Paul VERON reports that the QSLs received for the PRØITU effort during ITU week indicate that the operation was from St. Peter and Paul Rocks. This one QSLed to PY2DSE.

DXers!!!! SLEEP WELL TONIGHT.... The Sky Will Not Fall.... Nick Winter is on Guard!!! Protect your tower and antennas with an ingeniously designed windspeed indicator::: Send for free brochure. Learn how to sleep well while the winds howl..... Nick Winter

10107 Lev Avenue

Arleta, Calif. 91331

MORE RED EYED STUFF....

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SSB
EUROPE
                              GW4NZ
                                     14200/0720/Jul
                                                      7w
                                                           SV1BV 14333/2130/Jul
                                                                                   4w
                         6e
C31GN
        14211/2135/Jul
                             HB9AJL 14212/0445/Jul
                                                                  14246/0005/Jul
                                                                                   6e
                                                           TF3BB
                                                      7e
        28572/1400/Jul
                        4m
CT2AK
                             HB9ALX 14206/1825/Jul
                                                           UA2DFK 14213/1755/Jul
                                                                                   4e
                                                      4m
       21304/2255/Jul
                        6e
DL3AM
                                                           UA6PG 14207/0240/Jul
                             IF9KZW 14203/1950/Jul
                                                      6e
                                                                                   7e
EA4LH
      14333/0015/Jul
                        5w
                                     14204/0055/Jul
                                                      7e
                                                           UB5MCD 14242/0300/Jul
                                                                                   6m
                             JW5NM
       28550/1640/Jul
                        7e
EA7PW
                             LX1SF
                                     14202/2240/Jul
                                                      6e
                                                           UB5MBY 14230/0230/Jul
                                                                                   5e
EA5JB 23303/2335/Jul
                                                           UK2RAT 14253/1905/Jul
                                     14206/2300/Jul
                                                                                   3m
       14205/1840/Jul
                             M1C
                                                      3e
                        3e
FC9EC
                                                           UK3AAO 14204/1300/Jul
                                     14240/2130/Jul
                                                                                   7e
                             M5EUX
                                                      5??
       14204/1850/Jul
                        7w
FC9UC
                                                           UK4MAF 14223/0405/Jul
                                     14221/0535/Jul
                                                      4w
                                                                                   3e
                             OH3YI
F2TX/FC 14297/2015/Jy
                        6e
                                                           UK6FAA 14202/0200/Jul
                                                                                   6e
                                     14228/0510/Jul
                                                      7e
                             OH3WW
G3TJW 28568/1530/Jul
                        4m
                                                           U050AK 14214/0400/Jul
                             OHØAM
                                     14220/0415/Jul
                                                      6e
                                                                                   7e
       28553/1635/Jul
                        4e
G4DY0
                                                           UP2PAC 14208/0210/Jul
                                     28530/1535/Jul
                                                                                   7e
                             ON5VU
                                                      5e
       14207/0000/Jul
                        2e
G3GZH
                                     28540/1600/Jul
                                                           UT5LBY 14239/0420/Jul
                             WW8NO
                                                      5e
                                                                                   5e
       14257/0635/Jul
GC2RS
                        3W
                                     28576/1725/Jul
                                                      4e
                                                           UY5LK
                                                                 14212/0350/Jul
                                                                                   7e
                             ON6VL
GI3IVJ 28530/1540/Jul
                        5e
                                                                  14214/2140/Jul
                                     14333/2335/Jul
                                                           IISOY
                                                                                   2m
GI3IVG 14209/0730/Jul
                             AX800
                                                      3m
                         7w
                                                                  14218/2125/Jul
                             OK2BOB 14203/0410/Jul
                                                           YO3AC
                                                                                   2m
                                                      7e
GI3JIM 28581/1900/Jul
                         4e
                                     14268/2120/Jul
                                                           YZ1BCD 14209/2120/Jul
                                                                                   4m
                             OZ5KG
                                                      6w
GM3GNE 14333/0000/Jul
                         3m
                                                           YZ3AT 14214/2145/Jul
                             PA9WRR 14218/0550/Jul
                                                      4w
GW3XCR 28530/1530/Jul
                         5e
                             SP6ENS 14216/0005/Jul
GW4BNJ 28595/1905/Jul
                        4e
                             SVABV
ELSEWHERES SSB
                             KG6JAR 14242/1210/Jul
                                                           VK6MK
                                                                  14217/1255/Jul
                                                     7m
A35AK
       14283/0440/Jul
                        5e
                             KG6JBE 14280/1230/Jul
                                                                  14206/2335/Jul
                                                           VP2SV
                                                                                   4w
       14203/1310/Jul
                                                      5e
C21NI
                        7e
                             KG6JBX 14315/0930/Jul
                                                                  14216/1215/Jul
                                                                                   4e
                                                     6m
                                                           VP2DH
       14244/1310/Jul
CP1DN
                        6e
                             KM6EA
                                     14219/0510/Jul
                                                           VP2MF
                                                                  14202/0215/Jul
                                                     8w
                                                                                   7e
CP6MP/CP1 14235/0220
                        4e
                                     14223/1300/Jul
                                                     6e
CZ3EVK 14213/1410/Jul
                             KS6LQ
                                                           VP2VBK 14224/1250/Jul
                                                                                   4e
                        5e
                                     14333/2340/Jul
                                                                  14280/1210/Jul
DU1REX 14204/1225/Jul
                             KV4GP
                                                     4w
                                                          VP2AA
                                                                                   4e
                        5e
                             KV4IJ
                                    14333/0150/Jul
                                                                  14221/1930/Jul
DU1PT 14210/1425/Jul
                                                     5w
                                                          VP5RW
                                                                                   5e
                        3W
                             KV4FC
                                     21301/1850/Jul
                                                                  14260/0600/Jul
DU1BOS 14235/1215/Jul
                                                          VR1AC
                                                                                   5e
                        7m
                                                     3e
      14218/1120/Jul
                                     14235/0700/Jul
                             KX6LQ
                                                     44
                                                          VS5MC
                                                                  14204/1520/Jul
                                                                                   6e
DUIEN
                        5m
                                     14202/1240/Jul
                                                                  14214/0125/Jul
       14225/1215/Jul
                             OX5BW
                                                          XP1AA
DU6BK
                        1e
                                                     2e
                                                                                   7e
DU6BG
       14212/1320/Jul
                        1e
                             LU2ECC 14224/0340/Jul
                                                     2e
                                                          YS1GB
                                                                  14216/0235/Jul
                                                                                   7w
FPØXX
       14215/1800/Jul
                             P29CD
                                    14216/1205/Jul
                                                          YV1AQE 14198/1750/Jul
                                                                                   5m
                        5e
                                                     6e
                                    14232/0650/Jul
                                                          YJ8BBL 14232/0405/Jul
FG7AR/FS7 14219/1230
                             P29FV
                                                                                   3e
                        4e
                                                     5e
                                    14243/1250/Jul
                                                          YBØABV 14205/1255/Jul
       21355/2210/Jul
                             P29HC
HCZYL
                                                     6e
                        1e
                                                                                   1e
                                    14218/1250/Jul
                                                                 14221/2030/Jul
HC5VB
       14213/0325/Jul
                        8w
                             P29FC
                                                     6e
                                                          ZL1AH
                                                                                    2e
                                                                                   7e
HC8CI
       14212/0100/Jul
                             P29EM
                                    14235/0545/Jul
                                                          ZL1AQ
                                                                  14202/0 00/Jul
                        1e
                                                     3W
HR1SO
       14208/1500/Jul
                             PZ1CI
                                     14201/1040/Jul
                                                          3D2ER
                                                                  14211/0430/Jul
                        1e
                                                     4e
                                                                                   7e
KB6CU
                             TI2CF
                                    14209/0650/Jul
                                                                  14210/0240/Jul
       14291/0800/Jul
                        5e
                                                     5m
                                                          5W1AU
                                                                                   7e
                                                          9M8VLC 14228/1410/Jul
KC6VE
       14224/0610/Jul
                        4w
                             VCINO
                                    14199/2330/Jul
                                                     3e
(e = eastern states m = middle states
                                          w = western reaches ka = japan etc )
 (all times in gmt # = long path ??? = Slim....often with a funny sign
```

CANTON/PHOENIX John Dudek, KB6CU/VR1AC advises has a new address and it is....

John Dudek KB6CU/VR1AC Box 1158 Canton Island 96736

John has been active recently as KB6CU....at 14336kc/0900Z on July 9th and was at 14291kc/0800Z on July 5th. Canton has previously been served by an APO but this would indicate that a U.S. Postal Facility is now on the island. Mike Berkwit, KH6GKD, should be heard from Canton/Phoenix this week and through the APOLLO/SOYUZ mission. Check 25-75 for Mike's operating plans.

CALENDAR

MT ATHOS CANTON/PHOENIX TUNISIA LIECHTENSTEIN ST MARTIN/ANGUILLA ST MARTIN NEPAL ARRL NATIONAL W9DXCC MEETING SIERRA HAMFEST NORTHWEST DX MEETING EUROPEAN TEST ALL ASIA TEST CQ WORLD WIDE TEST

Rather solid! From June 20th Prepare! KH6GKD signing KH6/KB6 and VR1PE through APOLLO/SOYUZ Two weeks on all bands by OH3XT/OH5UX and OH3XZ--Aug 1st DK7PF and DK7PV ... two weeks from September 1st PJ8AA from August 6th by W2BBK ... plus VP2ES FSØBUY from July 14th by KØSGJ W9CTY plans for September September 12-14th ... Reston, Virginia. 23rd Annual Gathering ... Itasca, Illinois Sept 20th RENO!!! August 9th. Eight blocks west of Harrahs!!
August 2nd and 3rd....Seattle, Wash. 23rd gathering. CW....August 9/10th Phone...Sept 13/14th CW.... August 23/24th Phone ... October 25/26th The Hour Nears. NEW ENGLAND DX MEETING October 4th Holiday Inn . Waltham . Mass.

ANDORRA C31GN showed with good signals a week of so back. This one QSLs to DK3SF.

June 24th Issue Something happened somewheres and we have been shipping out replacement copies. That issue was mailed about 9:00p.m. on Friday, June 20th. All the reported missing copies were those sent by 1st Class mail and follow no pattern. Some have shown up late, arriving after the following week's issue of July 1st. If you did not receive the July 24th issue ... (24-75) .. advise and we will supply a reasonable facsimile.

Will sent age your water a street to be the to be about

BRUNEI Maurice, VS5MC, will be leaving around the end of this month and will take a long trip, heading for the United Kingdom and possibly on to the States in. September. There is an outside chance that Maurice will be at the ARRI National at Reston, Virginia in mid-September. WZAUS has been assued the license of VS5WM, this being William Maddox, and he is expected to be on the air shortly. If you check the Winter Callbook, you will note they were looking for his address. Listen for OSL information.

JIM HENDERSON/ZM7AH Jim who operated from Tonga and the Tokelaus in past years, was to be married the last week in June and was expecting to settle for the time being in New Mexico, possibly in the Farmington area. This might slow some of the long-range scouting and patrolling Jim did in other years but it apparently has not completely dampened the planning as he was still mentioning some possibilities as the wedding day approached.

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> John W5AB Mary W5MBB Dave WA5ZNY Don K5AAD

CE9AT QSLs If you tr for a CE9AT-South Shetlands Q and you still have your hand outstretched with nothing in it, the following information passed along by WA6MWG might be informative. Pete forwards a note received from FCRA there in Valparaiso. They say:

All QSLs for Chilean Antartic (CE9 or XQ9) must be sent only to Chilean Federation of Radio Amateur (F.C.R.C. Federachi), Box 72, Valparaiso, Chile. We do not accept QSLs sent to other Chilean Bureaus. Please advise your QSL Bureaus because no QSLs for Chilean Antartic Zone will be accepted if sent to other bureaus.

Best 73s, Federacion de Clubes de Radioaficionades de Chile

TNX to W1AM, W1DAL, K1VCH, W1VV, K2BT, W2CNQ, W2FPM, WA3DMH, K2GBC, W3CDL, K3LWM. K3ZOL, W4AAV, W4BAA, K4EZL, WA4DHO, W4HU, W4KA, WB4SIJ, WB4PTU, W4UF, W4UMF, W5AK, WA5AUZ, WB5DDI, WB5KWU, W5LZZ, W5OSJ, W5UFF, WA5ZWC, W6ABA, W6APW, K6AQV, W6GC, K6LAE, W6MI, WA6MWG, W6OKK, W6PT, K6SVL, W6TCQ, W6TTS, W6PTS, K6SSJ, W6YFR, WB6ZUC, K7ABV, WA7COQ, W7QNI, WB8EUN, W8OA, W8ZOK, K9KEV, W9KNI, W9MR, K9OTB, W9SZR, W9YRA, K7CBZ/CT1, KA6DE, DF7OM, PA9WRR, OH3XZ, W8VHY.

WEST COAST DX BULLETIN Published every week by the Marin County DX Group. A couple of the local QRPers were around last week, filling in the hours, when the Old Timer trudged down the hill and in out of the fog. And somehow the talk turned to DXing and the state of the art. "These are surely long, slow years at the bottom of the cycle", one QRPer grumbled, "and the way the time goes you wonder whether the good times will ever come again. Why are the years so long?". The other QRPer nodded in understanding sympathy but after a bit the Old Timer spoke. some ways the years may seem unduly long", he said, 'but when one remembers the warm laughter of a growing daughter still ringing through a now silent house, one might think that the years were all too short". And the QRPers were quiet while they thought this over, for what could one say? Only that the good days are always with us and we should recognize them for what they are. And each day is a lasting joy and surely the Sunspots will rise again. But there are golden days that will never come again except in memory. \$13.00 will bring you a full year of Joyous DX News....\$15.00 flings it overseas by wide-bodied jet to those Enjoy the Good Days!!! DX lands beyond the horizon ...

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

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