

TONGA REVA The ZK1TA effort was delayed a couple of days by logistic problems but as of Saturday were expecting to open up over the week-end. The last thing deueloping was permission to make an international flight from American Samoa to the Cooks group and Tongareva. This was expected to be cleared last Saturday and the plane to be used had been passed for certification as airworthy after some overhauling. As of Saturday, the group was scattercd between Apia in American Samoa and Aitutaki in the Cooks. They expected to move forward, going via Rorotonga and Aitutaki to Tongareva and to be operational late Sunciay or early Monday GMT.
The group still was plamning for a five day operation from ZKTIA. During last week ZK1AI was being heard from Aitutaki but this would be shut down as the group moved forward. 14195 kc would seem to be the area to watch.
MAURITANIA A number of 5 T 5 stations were being reported in the last week, nost of tham there in connection with the solar eclipse last week-end.
Lee Davey is one of the scientists there and was supposed to operate his own station signing 5T5EFI. Initially he was using the gear at 5T5LOs QTH.
Anyhow, Lee set up his gear in the desert observation site even though the tri-band beam had been misplaced in transit. Winds! Blowing most of the time up to 50 mph and filling the air with fine sand partictes. Sand alu through the gear and the temperature going as high as $123^{\circ}$ made oprating an mpossibility. 5T5MG loaned his tri-band beam, dismantlang it and taking it out to the desert site. With all the heat and sand, the gear was finally moved to 5T5MGs QTH and orerations wore continued from there.
Thangs were not exactly the best in exotic Mauritania
K5QHS K5QHS whose plans for some DX efforts have been delayed by licensers, now has licenses for ZF1-Grand Cayman, PJ7-Sint Maarten and VP2A-Antigua. However, his plans are still loose and he would possibly consider Trinidade or Juan de Fernandez should there be any great need or interest shown.
Present plans call for some action in August or thereabouts. While proceeding with his present plans, he would like to hear from any interest in TI9-Cocos; PY $\varnothing$-Trinidade or CED-Juan de Fernandez. Full address is Sanford Hutson, Box 218 , Broken Bow, Oklahona 74728.

NAURU The JA-group have been on from G21-Nauru since last week, working all areas of the U.S. on twenty meters. They will be there until July 12 th operating 160 mtrs through ten meters.
Rigs include two transceivers plus a TH3jr tri-band boan. On the lower frequencies dipoles are being used. Operators include JA1MCU, JA10CA and JE1CKA.
DIEGO GARCIA The U.S Navy Communications Rase on Diego Garcia in the Chagos group was commissioned on March 20th though the Navy Department admits that publicity has been kept 'low-key' on the installation.
There will be some 275 Navy personnel on the island and the station is aimed at helping control movement of Amcrican ships in the Indian Ocean area. Also possible is use as part. of an early warning net as the U.S. does maintain a communications satellite in synchronous orbit over the Indian Ocean area a as part of the defense effort. Anynow, a number of $V Q 9$ s have surfaced and rare can be expected.

## SUNSPOT IOUIE....

These two charti show how rapidly changes. can occur in the sunspot situation in relatively short time. These two group: of spots had just started to show last week. During the period of three days a rathor rapid deterioration took place.
The group in the first chart was going fast by the time of the second observatio and it was doubtful that they would last until they tumed the corner on the left limb of the sun. During this period WWV was advertising "U" and "N" propagation conditions with forecasts in the 6 and 7 area. As of Saturday WWV was reporting disturbed conditions with a W5 forecast. The large spots reported last week, running 14000 to 17000 miles in diameter had shrunk to the 7000 to 9000 mile class. There have been some good openings but consistency was not one of the hallmarks.

SHORTIY NOTED HS4AGN was home in Texas on leave and was active with the Richardson Wireless KIub on Field Day. Paddy, 4S7PB, has been plagued with power shortages and runs into a couple of periods a day when there just is none. One of the usual times is around the gSANET schedule.
A bit further on on Page 5 you will note that we started to give the QSL information for ZD9GC. It goes to: F J Nel, Old Mutual Building, President Station, Germiston, South Africa. Shows how we lose our train of thought when we stop to listen to some DX.

VEDNWG/MM-3 is the Canadian Naval Ship 'Columbia'. ACCCY is mentioning the possibility that he will make the 1974 Fresno International Meeting. K5/KURE brough but 15 logs with him for his stay and Gene is using two logbooks a week. A new station on Aitutaki is ZK1CI, Kurt, who is building a new QTH there. Norwegian novices may use a 'IB' prefix. VK9RA/VK9XX and VK9XI are the active stations on Christmas Island.. VK9RA has the best antenna system, VKOXI and VK9XX the most active consistently. K5ITH on Kure expects to have a new call shortly for his Kure action and is angling for a distinct prefix. 5W1AR, formerly held by Trevor Ferguson, has been assigned to Ton Hawkins, KH6HDA, who was down there in Apia recently. EQGAC can be QSLed to Soma Wiakramasinglie, Tokyo Villa, Male, Maldive Islands.... some say two weeks and you have your return. KG6SH has left Saipan, will visit in California before going back to VK4 land. 3D2FM is recovering fyum surgery....still in the hospital in Sydney NEIS Some of the nets have been producing some good DX and it may pay to listen to: PACIFIC DX NEI $14265 \mathrm{kc} / 0600 \mathrm{Z}$ Had CR5SP/EA6BH/5U7AZ and others on last week. MICRONESIA NET $14305 \mathrm{kc} / 08002 \mathrm{Had} \mathrm{KM} 6 \mathrm{DT} / \mathrm{VK9CC} / \mathrm{KG6SW}$ on last week

HRO HRO HRO HRO HRO HRO HRO HRO HRO HRO HRO HRO HRO HRO HRO HRO HRO HRO HRO HRO HRO HRO H HAM RADIO OUTLET -999 Howard Avenue, Burlingane, Calif. 94010 (415) 34257570 THINKING OF SOME CHANGES?? See Bob Ferrero, K6AHV, for Top Trades or Cash Prices! $\quad$ R THE YAESU IINE...HAM RADIO HAS IT. Everything...FT101 and all the rcst. Full 0 Factory/Dcaler Warranty. Come in an get acquainted with YAESU. AMATEUR GEAR......HRO has it. Full lines of the top names in Amateur Gear. Come in and tell us what your needs are.s..

REPORTS FROM RED EYED LOUIE

Sing we for love and DX.... Naught else is worth the having.

| IIC |  |
| :---: | :---: |
| ET3USE | 14043/0510/Jun 22w |
| ELIDO | 14029/0725/Jun 23m |
| FB8XC | 14035/0425/, Jun 27 w |
| VQ9M | 14029/1200/Jun 21e |
| 3B6CF | 15038/0330/Jun 22 m |
| 3D6AX | 14028/1305/Jun 24 m |
| 5Z4JE | 14035/0605/Jun 20m |
| 9L^GC | 14015/1915/Jun 22w |

## EUROPE $\cdot$. C.W

CI1SX 21052/2315/Jun 21m
DIIØRZ 14047/0405/Jun 23m DT2BJD 14029/0520/Jun 23w EA6CB 14009/0250/Jun 22w EI2S $14007 / 2350 / J u_{n} 21 w$ GM6RV 14043/0700/Jun 22m GM3UA 14020/0650/Jun 24w GM6RI 14094/1525/Jun 27w HA25KMA 14044/0530/Jun 23W IA25KRB 14036/1900/Jun 26w HA7KLU 14006/0025/Jun 23m IT9RAN, 14020/0300/Jun 23w IG5IG 14020/0700/Jun 24w IZ2KSI 14010/2345/Jvn 22m IZ1ZZ 14011/0310/Jun 22w LX1CF 14014/2000/Jun 25w CH?QU 14078/0415/Jun 22m

A35FX 14037/0420/Jun 21m A35RY 14070/0430/Jun 26w CP1JV 14032/0135/Jun 23e CX8BBH 14022/0220/Jun 22w CM2AF $14019 / 1125 / J$ un $25 e$ DU10R 14036/1225/Jun 26w DU8ED 14005/1140/Jun 26w FK8BR 14046/0735/Jun 21m FK8KAA 14034/0725/Jun 22m FK8AI 14087/0530/Jun 19m FK8BV 14028/0730/Jun 23m FO8EB 14027/0410/Jun 23m FO8DF 1.4065/0500/Jun 21e
 HI8FED 21043/2225/Jun 21m KF4DT 14052/1110/Jun 25e KG6JAR 14039/0750/Jun 21m

FTSEWHERFS CW
LNEWHERES...CW
(o castern states $m=$ midde states (all times in gmt \# = longpath ??? = Son of a Gun! It's Slim on Cray Island again!!)

|  |  |
| :---: | :---: |
| A51PN | 140 |
| 1 AJB | 14073/1540/Jun |
| S1AH | 14024/1545/Jun |
| HM5BF | 14059/1550/Ju |
| JT1 AO | 14050/1515/Jun |
| ODSIX | 140:2/00 |
| UAФIAP | $140 \% / 0655 / J u n$ |
| UAфNI | 14073/0800 |
| UAФBAR | 14020/1045/Ju |
| UADQQAU | 14021/0540/Jun |
|  | 14051/0125/Jun |
| UKøIAC | 14035/0525/Jun |

UKめCAE 14041/0745/Jun 21m UKøZAA 14035/0725/Jun 22m ULTGRN 14025/2310/Jun 23e UM8QAF 14014/0140/Jun 23e VS6DD 14027/1445/Jun 25w VS6AW 14027/1135/Jun 27w VU2ANI $14027 / 1540 /$ Jun 26 w VU2AWL 14070/1505/Jun 27w 9M2IN $14041 / 1520 / J u n$ 20w 9M2KA $14026 / 1500 /$ Jun 21w XU1AA $14037 / 1215 / \mathrm{Jun}_{n} 23 \mathrm{w}$ 9V1RP 140:5/1505/Jun 25w

| OH9PF | 14027/0545/Jun 23 | UG6AG | $\ln$ |
| :---: | :---: | :---: | :---: |
| OHø ${ }^{\text {a }}$ | 14026/2200/Jun 26e | UK2PAF | 140:5/0325/Jun |
| OH1MD | 140:7/0455/Jun 22 m | UKZGAS | 14012/0205/Jun |
| OK1FF' | 140:. /0415/Jun 21m\# | U05PK | 14017/0450/Jun |
| OK2BON | 140 O/2305/Jun 21 m | U05GR | 14027/0220/Jun |
| OK1 DH | $14025 / 0245 / J_{u}{ }^{\text {n }} 21 \mathrm{~m}$ | UP2BE | 14065/2020/Jun |
| OK1ED | 14040/0500/Jun 27w | UP2PAX | 14022/1615/Jun |
|  | 14037/0545/Jun ? 3 mm | UP2BAI | 14013/0220/Jun |
| SP8ARU | 1401.2/0540/Jun 23 m | UQ2HF | 14017/0040/Jun |
| SP6DMJ | 14045/0440/Jun 22 m | UV3DN | 14033/0240/Jun |
| SP9YP | 14039/2300/Jun 21m | UV3CQ | 1400 $/ 0635 / \mathrm{Jun}$ |
| UA1CA | 14086/0510/Jun 22m | UY5L0 | 14046/0025/Jun |
| UA1DF | 14039/0520/Jun 23m | SVめWTT | 1402*/0300/Jun |
| UB5UAT | 14021/0540/Jun 25w | YOTDI | 14039/0430/Jun |
| UC2OAF | 14031/0120/Jun 23m | Y05LC | 14041/0520/Jun |
| UD6BZ | 14035/2025/Jun 25w | YO2QY | 14045/0410/Jun |
| UP6QAC | 14044/0005/Jun 23m | YU2QZ | 14035/0525/Jun |

KG60A 14043/1105/Jun 22e KG6JAQ 21070/0040/Jun 23m KX7JS 21033/0130/Jun 23m KX6IA $14036 / 1145 /$ Jun 21e Kx6GS 14014/0505/Jun 23w KX6BB 14036/0705/Jun 25w KV4AA 14048/1105/Jun 20é LULEN $14034 / 1125 /$ Jun 20 e OAFBI 14047/0330/Jun 25w OX3WZ 14007/1500/Jun 21w OX3AK 14040/2250/Jun 22m PJ2VD 14025/0245/Jun 25w PZ1BI 14024/0150/Jun 25w TI2IA 14061/1855/Jun 20w VK8HA 140.68/0820/Jun 22m VK6WI 140-a/0710/Jun 23m VK8zZ 140 / $0800 /$ unn $_{\text {n }} 19 \mathrm{~m}$

VK9MF 14016/1120/Jun 26e VO2AH 14016/0215/Jun 22W VP2IAN 14012/0000/Jun 23e VP2SU 14028/0310/Jun 25w VPGCB 14066/0625/Jun 20m WS5MSC 14026/0245/Jun 22m VS5WW 14025/0740/Jun 25w XPø A 14023/0330/Man 27e YB3CW 14042/1510/Jun 20w YB7AAU 14032/1535/Jun 23m YN1AA 14042/1115/Jun 20e YS20B 14024/0215/Jun 20w ZF1RH 14037/0045/Jun 23e ZFIJA 1.4024/0000/Jun 23e ZK1AA 14083/0505/Jun 20w

AFRICA..SSB
A2CCY 14222/0530/Jun 22e CR4BS 14333/0030/Jun 25w
CR6GA. 14188/0630/Jun 20m
CR60R 14332/0030/Jun 22w
CR6LA 14332/0030/Jun 2jw
CR6QR 21310/1910/Jun $24 m$
CN8CG 14267/0745/Jun 23 m
EA8CR 14216/0630/Jun 23w
EA8DA 14215/2335/Jun 24w
En8IT 14219/0210/Jun 22e
EA8GZ 14212/0710/Jun 26m
FI8HM 14210/0310/Jun 22e

TJ1BF TR8MC
VQ9MC
VQ9BP XTZAA ZD8RR ZE1DP 3B8CZ

14333/1850/Jun 23w 5T5KPO 14214/2240/Jun 25e 5T5ES 14226/0515/Jun 21e

14284/2230/Jun 20w 21315/1720/Јun 21e 21306/1855/Jun 21e -14214/0000/Jun 26e 14269/2200/Jun 22. 21307/1810/Jun 21e 14245/1400/Jun 20w 14208/1135/Jun 21e 14332/2350/Jun 22w

5U7AZ 5X5FS
5R8AR
6W8FB
7X2BK
9G1AR
9J2EP
$9 \times 5 \mathrm{NA}$
9X5SP
9 X 5 VA


#### Abstract

14250/0600/Jun 20e 14333/2200/Jun 22w 14205/0640/Jun 26w 14204/1940/Jun 22e 14209/2330/Jun 20e 14219/0000/Jun 26e 14237/2235/Jun 26w 14210/0450/Jun 26w 14282/2235/Jun 20w 21310/1745/Jun 24m


ASIA...SSB

| A6XF | 142 |
| :---: | :---: |
| - ${ }^{\text {P }}$ 2DO | 142 |
| HL9KK | 142 |
| HS4AEQ | 1420 |
| HS1AG | 142 |
| JY6FC | 142 |
| UT9GR | 142 |
| HZ1SH | 142 |
| KA2DF | 142 |
| EUROPE | SSB |

CT2BH 14333/2200/Jun 22m EA6BP 14242/2215/Jun 20m EABJE 14209/2015/Jun 21w FWWC/FC 14202/0520/Jun 26w
GM5DCV 14250/0210/Jun 22e
GW3AIN 14216/1816/Jun 21w
GI3JIM 14244/0530/Jun 26w Ha25KUC 14205/0410/Jun 28w IT9SPI 14212/0450/Jun 26w

CM2RX 21290/2225/Jun 24w
DULEI 14206/1315/Jun 25e
DU1CM 21299/1450/Jun 22e
DU1EN 14208/1305/Jun 22e
FN2 WN 14222/0240/Jun 22w
HP1LC 21310/1955/Jun $24 e$
HI8XVM $14333 / 1620 / J u n 23 \mathrm{w}$
FB6CU 14315/1625/Jun 21e KG4EZ 14288/0425/Jun 22m KG4FPX 14267/0745/Jun 23m KG6AJI 14296/1125/Jun 21e KG6SW 14240/0400/Sat/Sun KG6SF 14305/0800/Jun 22w KM6DF $\quad 14305 / 0800 / J u n 22 w$ KP4DIV 14265/0600/Jun 22w KS6DY 14248/0650/Jun 26e Kx6HB 14309/0545/Jun 23m K5/KURE 14205/0400/Often

| JR | 14206/0050/Jun |
| :---: | :---: |
| UAф'FGM | 14226/0750/Jun 21m |
| UK9AAN | 14201/0110/Jun 21e |
| UK9CAK | 14203/1600/Jun 27w |
| VS6EG | 14231/1520/Jun 22w |
| VS6FB | 14220/1255/Jun 23m |
| XU1 $A$ A | 14333/1345/Jun 23w |
| YA1A ${ }^{\text {di }}$ | 14195/0110/Jun 21e |
| 4X4BL | 14234/0530/Jun 26 |

IøAPV 14207/2025/Jun 21w M1C OHø AM OH2BX pabtan 1420//0320/Jun 26w
 S46PZB 14251/0240/Jun 28w SV1EX 14220/0345/Jun 22m UA3IAT 14262/0325/Jun 26w UK2PAF 14215/0400/Jun 26w

UK2PAS 14209/0530/Jun 23m UK2GAL 14237/0255/Jun 22w UR2AJ 14195/0235/Jun 26w UV3CE 14235/0400/Jun 22m UX5IK 14250/0400/Jun 26w Y03RG $14203 / 2145 / J u n 22 \mathrm{w}$ YU4\#BL 14208/0100/Jun 26e 9H1 HX 14198/2320/Jun 21e 9H1CW 21349/1320/Jun 22e

5B4ES 9M2GV 9M2IN 9M2DQ 9M2AA 9M2CJ 9K2AU 9K2AL

21282/2100/Jun 22m 14245/1310/Jun 21e 14229/1510/Jun 22w 14273/1530\% Jun 23w 1420き\% $1530 / J u n 22$ w $14235 / 1350 / J u n 25 m$ 14265/0400/Jun 22m $14241 / 2100 / J u n 21$ w

LU5HFI 21307/1825/Jun 21e OX3EA 14219/0100/Jun 23w OA9C 14260/0415/Jun 26w VE3RCMP 14205/1605/Jun 24w. VK9DV 14241/1130/Jun 23m VK9XX 14206/1415/Jun 26w VK9CC 14305/0800/Jun 22w VK9MH 14263/0600/Jun 26w VK9FH 14229/0600/Jun 26w VK9UC 14245/0630/Jun 23m VK9JT $1421 \theta /$ C916/Jun 20 m VK9DV 14237/1240/Jun 23 e VP2VW 14213/0745/Jun 24w VP2SBH 14208/0440/Jun 20w VP2VW 21305/1945/Jun $24 e$ VP2MW 14219/1220/Jun 23m VP5DD 14210/0210/Jun 18w YP8FL $14217 / 2330 / J u n 21 e$

VR1AC VRETC VP9HG VP7DF YS1ACB ZK1CD ZK1CD ZK1 CL ZFJWF ZP5WO 3D2EU 5W1 AU 5W1AR 3E1KC 6Y5ED 6Y5M

9M8SDA 14247/1420/Jun 26w

14294/1220/Jun 17e 14225/0520/Wed 14188/0635/Jun 20m 14213/0310/Jun 20w $14271 / 1600 /$ Jun 23 w 14209/0700/Jun 26e 21325/0240/Jun 23e 14245/0635/Jun 26e 21310/1725/Jun 23m 21310/1830/Jun 24w 14202/0615/Jun 21e 21390/2015/Jun 20w 14250/0600/Jun 20e 21310/1900/Jun $24 m$ 21310/1930/Jun 24 e 21310/1955/Jun 24m 14247/1420/Jun 26w

## CALENDAR

TONGAREVA
MARKET REEF
NAURU
KURE
GUERNSEY
St. PIERRE
VENEZUELA TEST
OGASAWARA
AAI AND ISLANDS
WESTERN WASHINGTON DX PICNIC Seattle...August 26th. W7APN or WATJCB..or WPYBX.
FORTY/EIGHTY DESK

| DU6IV | 7007/1410/Jun 21w | RE | 2 | VK5.7M | 7032/1045/Jun 19e |
| :---: | :---: | :---: | :---: | :---: | :---: |
| G6GJ | 7001/0500/Jun 22w | OA4MS | 7007/0430/Jun 22w | VP8KF | 7008/0420/Jun 23w |
| HI8FED | 7010/1120/Jun 19e | PJ2VD | 7008/0500/Jun 22w | Vis6aw | 7023/1430/Jun 30w |
|  | 7008/1210/Jun 19e | TI2PZ | 7005/0520/Jun 22w | PY7 AW | 7025/0840/Jun 22 |
| HK5BIR | 7010/0530/Jun 22w | UA2FAO | 7007/0530/Jun 21? | $X P \chi_{A}$ | 7013/0440/Jun 22w |
| Kg6Jar | 7010/1110/Jun 24 e | VA8AX | 7008/0420/Jun 22w | IV1AD | 7010/1050/Jun |
| KJ6BZ | $7223 / 0700 / J$ un 23w | VK9RH | $7007 / 0750 / J u n 22 e$ | ZL1V | 7017/1030/Jun |
|  |  | KC4USP | 3784/0500/Jun 23 | ZE1C |  |
| CN8CG | /0545/Jun 260 | KJ6BZ | 5/1135/Jun 24w | ZS2M | 87/0445/Jun |
| DILTVY | 3779/0660/Jun 27kh | K5/KURE | 3804/0820/Jun. 22w | ZS6TE | 3787/0425/Jun 23e |
| CT2AK | 3778/0530/Jun 21w | UA2FAO* | 3503/0550/Jun 21? | ZS6.DW | 3778/0420/Jun 21w |
| HC2TV | 3778/0530/Jun | ZD | 3778/0410/Jun | K3/6Y5 | 3787/0425/Jun |

VK9RH reported on 40 mtrs is on Norfolk Island. The UACFAO reported on June 21st may be for real but some in the northwest corner say the signal was a bit too strong to be true-blue. On June 21st signals into the Western Reaches were extremely strong on 75 mtrs. ZKYGC was reporting working Kure on 75 mtrs a week back. ZS6XO who handles the QSLis for ZD9GC goes to: F J Nel, Olo Mutual Bldg, Pre

160 Mcters:
KV4FZ is looking: for Pacific Island schedules to help finish up a 1.8 mc DXCC. Herb says he needs most everything in the Pacific and would welcome any schedules. At the present time he is a bit stuck at 93 countries on 1.8 mc , the last two being $\mathrm{ZX} \varnothing \mathrm{VG}$ and 5Z4KI. If interested, drop Herb a note at Box 2570, Christiansted, St. Croiv, U.S.Virgin Islands 00820.

```
\(++4+1+4+t+4+4+4+++t+4+++t++++++\)
MADISON ETECTRONICS 1508 McKinney Avenue, Houston, Texas 77002 (713) 2242668 SUMMER SPECIALS Prepare....The DX Season Approaches. All items guaranteed...... TRIEX TOWERS MW50..Self-support \(\$ 250.75\) MW-65.. \(\$ 331.50 . . W 51 . . \$=86.00\) FOB Calif CDE ROTATORS HAM-M \$99.00 TR-44 \$59.95 AR-22R \$31.95 Belden 8-wire cable . 10 ft MOSLEY ANTENNAS CI-33 \(\$ 124.00\) CL-36 \(\$ 149.00\) S402 \(\$ 143.00\) MCQ3B/quad \(\$ 91.00\) HY-GAIN ANTENNAS TH6DXX \(\$ 139.00\) TH3MR3 \(\$ 114.00 \quad 204 \mathrm{BA}\) \$129.00 402BA \(\$ 135.00\) HALIICRAFTERS FPM300 Transceiver..Iist \(\$ 595.00\)...Summer Special for \(\$ 499.00\) COLIINS KWM2-A with n.b. Two denonistrators available..LIst \$1760.00. yours \$1100.00+ New 516 2 2 with a/c power supply \(\$ 187.00\) less \(15 \%\)
Solid Aluminum Mast \(17 / 8^{\prime} \times 12^{\prime}(50 \mathrm{lbs}) \$ 24.00\) CERRON 572/160TI \(\$ 13.95\) MALIORY 2.5a/1000piv epoxy diodes 29ф each
Max W5GJ Don K5AAD Harry W5MBB Dave WA57NY
+++ +++ +++ +++ +++ +++ +++ +++ +++ +++ +++ +++ +++ +++ +++ +++ +++ +++ +++ +++ +++ +++ ++
```

St PIERRE K1DRN will operate FPD-St Pierre on July $16-17$ th , working SSB only and riostly on 1 fric.
Vern will be at the QRH of FP8CT and will be active most of the days on those dates. QSLs go to K1DRN.
EUROPEAN DX TEST With the Fall DX Seaon approaching, the DARC will kick off its European DX Test on the second week-ends in August ard September. In August the second week-end will be the C.W. go-round and in Septermer it will be. SSB on the sceond week-end.
All bands....80 through ten meters....singlo op or multi op. Full rules can be obtained from DARC and it is suggested you use the official DARC Io and surnary. shects. These can be obtained by sending a sac/IRC.to DARC,,$D-895$. Kaufbeunnn, Box 262, West-Germany, will bring the sheets. Figure 40 QSOs to the sheet.

NAURU : JATOCA was coning through from Nauru signing /Cê last Saturday morning, working transceive above the edge of the twenty meter band. JAJMCU is also supposed to be there and the action will continue until about July 10th.

TNX to WhAM, W1JFI, K1DRN, WAZAUB, KZBT, WZOVC, W4EH, W4IU, W4IUC, WA5 स K5QHS, WA5WEY, WA5ZUH, WGDMJ, WGID, WAGJVD, W6KYA, KGIAE, WAGMWG, WB6RIU, WGTSQ, W6TIS, K6UFI, W6VBI, K6WR, K6ZDI, WB6ZUC, WA7KEP., W7NCO, K7NHG, WA7RKA, W7VRO, W7YB, W7YIN, W80A, W8ZOI, W9DDL, W9YRA, W9ZTD, WØJRN, WøIYP, KV4IZ, DER2BI, VE8RA, J $\Lambda 1 \mathrm{~K}$ KO

WEST COAST DX BULLEPIN Published every week by the Marin County DX Group. One of the local RRPers came by last week and sat and talked for awhile. "Reriember when that Mt. Athos effort was on a couple of months back?", the QRPer asked and well we and a lot nore in the Western Reaches do remomer. "Weli", the QRPer wont on, "there!s this fellow down the valley that I always read on ground wave no matter what. But when the Mt. Athos effort was on I did not hear him though I did hear SV1DB come back to hin. Recently I was in QSO with a friend back east and he said that on the eastern shore this cat was banging through like a local". The QRPer turned a puzzled face. "You know", he said, "you get use to things working out logically and then a:l1 of a sudden something like this happens and the logic is gone...and things just don't seem to ring' right". Son of a Gun, we thought this over for a bit and recalled arother year and another effort and Don Miller shouting: "You and your stupid phone patch!". Things may not ring right on the ground wave but Alexander Grahám Bell did prove something works. \$9.00 for a full year of $D X$ on the ground way.... $\$ 10.50$ brings it zooming by airnail

WEST COAST DX BULIETIN
77 Coleman Drive
San Rafacl, Calif. 94901

FIRST CLASS
FIRST CLASS
FTRST CLASS
FIRS'I CLASS
TIRST CLASS
FIRST CLASS
EIRST CLASS
FIRST CLASS

-     - FIRST CLASS

