## IVBNT COANTDK <br> BHLLETMN

 September 5, 1978 35-78DESECHEO The planned date for the opening of this new one has been slipped back a couple of weeks and the expected opening of the action is now probable in the latter part of this month of September.
This word came last week, the group indicating that they wanted to hold things up until everything was definitely set and also to give a chance for the word to reach all the overseas DXers that the new one was comine.
The DXAC's recommendation on Desecheo was based on Rule 3, the island being considered a separate entity from the U.S. Virgin Islands. Though the island has been stamped approved for DXCC counters, the effective date for the addition to the DXCC list and acceptance of QSL cards will not be ainounced until some future date.

As previously announced, KPLAM seems definitely to be the call that will be used. Some, hot with anticipation, have heard Dave on the air and gleefully rushed to catch the 'new one'. Unfortunately, not quite yet.

QSLs will go to the Northern Celiformia DX Foundation, Box 717, Oakland, Calif. 94604. The Foundation is helping with support for the coming Desecheo effort.

Though this one looks rather simple, there are some complicating factors and one being that the island is apparently a nature conservancy. Any activity on the island had to be weighed against the impact on the natural wildlife there and it does seem that a number of things have to be worked out, these including a long look at what effect the operation may have on the enviroment on the island. Apparently some progress is being made on these matters but it is just a bit more than throwing the gear and an antenna together and heading out for a new one.

Undoubtedly Desecheo will come sometime in the near future. It was originally expected last January. DXers are noted for their patience.
SAN HUTSON San was able to catch a flight on a company-owned plane to Juba in the southern autonomous provinces but was only able to sign SIXYY for one day. When the plane went back to Khartoum, San also had to go or be prepared to stay in Juba for some weeks.

K5YY was in the South Sudan on August 26th. A number of stations reported working him. His pians for Comoro have been slid back a bit and the last word was to expect him on September 6th and he will be signing D68AF.
Transportation is still the toughest problem, that and a tight travel schedule. There has been a fuel shortage in Sudan and some of the plans have been caught in the local problems. San should be heard from the Comoros during this week and a grod possibility for some FH8-Mayotte operations if he can work out the transportation costs.

He has emphasized that would prefer that QSLs be held until he returns home and they should go to him at Box 5299, Little Rock, Arkansas 72215. Sase or Sae/IRC needed. Though he is receiving some strong support from the Northern Califormia DX Foundation, he also is handling a good portion of the expenses himself and would not be unhappy to see some small evidence of support.

SUNSPOT LOUTE The last high in sunspots was the tor of Cyols 20 in 968
when the smoothed 12 -month number was 105 . This was regarcac
as unusually high. The bottom came in July 1976. In the
present Cycle 21, there have been recurring estiawate
of how high the count will go and the Solar-Terrestial
Physics Center at Boulder has come up with a new way of making an estimate.
A French geophysicist believed that the combining of the K -index taken simul taneously at two points at nearly opposite sides of the Earth would give a figure which would cancel out the diumal and annual changes in the $K$ index and the yearly means of this aa index would be dtrongly correlated with the course of the sunspot cycle.
Going back and studying the cycles for the last 100 years they have come up with a prediction that the coming maximum, which probably will be here late in 1979, will have an annual sunspot number of approximately 206. Taking into account the spread in the correla ion, there is a $66 \%$ change that the actual value will be in the range from 160 to 250 .
High sunspot maxima tend to have short rise periods. With Cycle 21 expected to have a high maxima, the maximum should be reached in three to three and a half years after July 1976. Thus, they come up with the late next year peak expected for the current cycle.
It might be noted that the peak in 1957 came just under 3.5 years. It should be noted that there have been a number of predictions using various methods on what the peak of the present cycle will be and one who used the aa data in another way, comes up with a prediction that it will be over 150.
It will be the Harvest Moon on September 16th. Venus is visible low in the southwest at sunset and will reach its greatest brilliancy on October 3rd. Mercury is visible in the east just before sumrise, Mars will be in Virgo, Jupiter in Cancer and Autuma comes in the northern hemisphere at 09252 on September 23rd.
The fight goes on there on the south bank of the Potomac and the zucchini is threatening to take over. While waiting for a frost to nip things, N4XX casts a hurried look at the future and in the Great Days of DXing, the coming weeks will be:

| Sept 5 th | Above Normal |
| ---: | :--- |
| 6th | Above Normal |
| 7 th | High/ Iow Normal |
| 8th | Low Normal |
| 9th | Above Normal |
| 10th | Above Normal |

Sept 11th Above Normal 12th ADove Normal 13th High Normal 14th High Normal 15th High Normal

How's that for a platter full of the Good Days? And down in the hills behind the harbor there near the border K6EC says he will trade five WWVs for one solid YI1BDG but gets no takers. So Ev says that the WWVs went something like.....

| Solar Flux |  |  |
| :---: | :---: | :---: |
| Aug 21st | 102 | Index |
| 22nd | 104 | 6 |
| 23rd | 102 | 5 |
| 24th | 103 | 4 |


| Solar Flux ApIndex |  |  |  |
| :---: | :---: | :---: | :---: |
| Aug | 25 th | 102 | 6 |
|  | 26th | 99 | 4 |
|  | 27th | 109 | 22 |

DXPO 78

September 16th - 17th Tyson's Cormex, Virginia Near Washington, D.C. Right off \#495
At the Ramada Inn. National Capitol DX Assn wants all the DXers to come to another great DXPO. Saturday afternoon and Sunday morning..pure DX!

Write Dick Vincent, K3AO, Rt 1, Bx 230, Bryantown, Maryland 20617 for info

SHORTLY NOTED K3DH has forwarded the results of the Bermuda Teaf. In case you overlooked it the last time out, remember that the winner has to go to VP9 to accept his award. They even pay your way to make sure you show up.
Anyhow, here are the big scorers in the various districts. You will note, as usuel, the Elusive Sixes are absent from the listing. No logs submitted.

K1DG - U.S. Winner arad he
has to go to Bermuda
N2\&T
K3DH 5th year tops in 3rd call area

K4KK
W5JW

```
W7CU
W8KTQ
WB90BX
W\varnothingGNX
VE3BMV - Top Camadian
GW3NWS - Top Dnited Kyrgsism
VP9IB - Iop Bermuda atation
```

The results of the CQ WW 1977 DX Test will be in CQ thortly. This test is juaded with trophies and here are a few of the winners...

| Single Op/Ail Bands | KG6SW | World Top | DJLPT | Europe Top |
| :---: | :---: | :---: | :---: | :---: |
|  | W3WJD | U.S. Top | KGlis | Caribbean/Central |
|  | CY7CO | VE Top |  | South America Top |
|  | CT3BD | Africa Top | KH6NO | Oceania Top |
|  | LFP3VAG | Asia Top |  |  |


| Single Op -Single Band | YU3ZV | World Top |
| :--- | :--- | :--- |
|  | KPLRF | 3.8 mHz -World |
|  | W2VP | $3.8 \mathrm{mHz}-\mathrm{U} .5$. |
|  | CY 3 FFA | $3.8 \mathrm{mHz}-\mathrm{VE}$ |

These are only a few. Check the full list of winners in CQ Magazine. And that magezine will add a Washington Report with the October issue. This will give a look at what may be going on which will affect amateurs as well as some of the things that are going to happen. Ted Cohen, NLXX, will be doing the Washington dateliner and you will have a good view of what is definitely the center of any regulatory or legislative action affecting amateurs. This including WARC 79.
Alex Mootoo, 3B8DA, is back home. His QSO total from 3B9-Rodriguez was over 10K. From 3B6 it was over 5K. The Atlas rig is still being used but the outboard VFO is giving some problems. QSLs can go to either:-Clarfonds Rd \#1, Adaken Lane, Vacoas, Mauritius Island, or to 39 Brown Sequard. Ave, Vacoas, Mauritius. Both will get to Alex.

## BDADY TOGMDV CIVIDONAA IAMS

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SINT MAARTEN PJ8CO will be heard in a multimulti operation in the soming CQ World-Wide Phone lest late next month, eight dedicated contest operators heading south to aim for a new CQ WW Phone record.
Included in the groip will be K1C0, Chuck O'Rourke; W才UA, Jon Neaxy; K2TR, Fred Lass; K2Wr, Rich Gelber; K2SF, Jeff Evans; K2MM, John Zapisek and W1XK, Stan Kugler. They will come on the air about the 24 th of October and will operste through the CQ WW Test to the 31st.
Gear will include 2 IC701s, 3 SB220s, 3 TS820s, 1 AIPHA amplifiers, 1 TS520 and 1 LLiB. They figure to keep five full-bore KW stations on the hof bands going plus a low-power station on one-sixty. They will be contesting all the time through the contest but may be a bit more relaxed and enjoying the good life on Sint Maarten before and after.
PJ8C0 was heard in March 1977 by pretty much the same group. This time they know their way around. With West Palm Beach at VP5 for the Test, Potpmac Valley at Curacso with a magnum multi-multi plan, the Caribbean will definitely be heard. Watch for them.
TAHITI OSCAR Ross Forbes, WBGGFJ, will be in French Polynesia from September 10 th, this coming Sunday, to September 22nd. He has everything lined out for some OSCAR 7 efforts though last week the license was not yet in hand. He expects no eapecial problems in getting the operating permission.
Ross will be mainly found on Mode B, CW, on OSCAR 7. However, he may take a mun at Mode A CW plus a bit of SSB on both modes. He will be looking to give Tahiti to those DXers to look for the elusive via OSCAR.
A watch will be kept for horizon passes by OSCAR and it may help to monitor your local twenty meter AMSAT net for up-dates on information.
On OSCAR 7 he will use:

$$
\begin{array}{lrr}
\text { Mode B } & \text { CW Downlink } & 145.940 \mathrm{mHz} \\
& \text { SSB Downlink } & 145.945 \mathrm{mHz} \\
\text {. Mode B } & \text { CW Downlink } & 29.430 \mathrm{mFiz} \\
& \text { SSB Downlink } & 29.440 \mathrm{mHz}
\end{array}
$$

| 10 Meters | CW -28.045 mHz | Novice 28.145 mHz | Phone | 28.545 mHz |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 15 Meters | CW -21.045 | Novice | 21.145 | Phone | 21.345 |
| 20 Meters | CW -14.045 |  |  | Phone | 14.245 |

Ross asks that OSCAR contacts be brief. You can check the QSLis to him at the AMSAT QSI Bureau, Box 1, Los Altos,Calif. 94022. Note that all the action will not be on OSCAR.
A6-UNIMTD ARAB EMTRATES Vernon Demeron, K1DRN, is the QSL Manager for A6XB and has been for the last seven years. Sometime back there was a report that all the A6 stations had been closed down. However, from the QSL business being handled, it is definitely evident that A6XB is still on the air and doing a good business in QSOs.
It may be possibie that licenses are not being issued at this time and some of those issued previously have been cancelled. Sam at A6XB is maintaining a low profile but is often on the air. One thing for sure, he has not been on c.w. and if you run into one of these, it is United Slim. Also, the possibility of A6XB going on c.w. is nil.

WEST COAST DX BULTETIN Second class entry and postag'e paid at the San Rafael, Califomia Post Office. Published weekly by the Marin County DX Group at 77 Coleman Drive, San Rafael, Calif. 94901
Write for subscription rates. All previously published ones may be no longer valid. No, they have not gone up. Within the lower 48, only second-class (newspaper) new subscriptions being accepted.

# MADISON 



MORE SHORTLY NOTED OLE ABG will be on vacation for the next severga weake but amenter ments have been made to handle the HZ1BS/8Z4 QSLing. The YI1BDG has been anowing nat Thesday and Fridays, often with lists handled by K3ZR or V01CU. 14310 kHz from 23 N is often a good time to checic. Some have a problem of still not befne able to amas the station.
II1BDG has a new QSL card now, this orse printed by IめIJ in Rome. Printed in ligett blue with Baghdad, Iraq in orange. Every Deserving DXer should have one.
We got a lot of routes for $0 \times 5 . \mathrm{AF}_{\text {, }}$ including a note from the original holder of the call, Larry Higgins, N9DX. Lamry aays that back in 1965 he was anticipating a KG1 call but the Danish government switched and started issuing OX5 calls at Thule. K1VSK will handle DLCBS cards only when he goes to S 9 . Right now the route is direct to the Cape Verdes. The SgCBS effort is still a possibility and Angelo hopes to be there before the end of the year. Meanwhile, you can catch him at the home QTH in downtown Praia.
The IXPP 78 which will be on you next weekend, September $16 / 17$ th, in Downtown Myson's Corners, has a lons list of $D X$ types to up-grade your level of awareness. Included in the thundering herd of DX speakers are Father Moran, 9 NHMM , Mel Broe, K4SQT/SU, as well as Chod Harris, WB2CHO on the 6W8MM DXpedition, N4WW on the CEXZ DXpeditiong Kingman Reef and Palmyra by Stew Woodard, K4SMX and Clipperton by Hugh Vandergrift, WALWME. In between there will be talks on 160mtr DXing, 80/40mtr DXing, DXAC Reports, WARC 79 reports and even how to figure propagation by Ted Cohen, N 4 XX .
If you are within diatance, it would be the place to meet all the other biedgun DXers next weekend.

A recent issue of National Geographic had an article on Naomi Uemura, JA10wW, reaching the North Pole on foot. This was the September issue. WøUD, Robert Wood, of the DXAC, is looking for ideas on how to encourage internation friendship and the natural fraternal spirit of DX and DXers. The DXAC is looking for some right thinking types with ideas. In fact they are making a project of it. If you have any suggeations, send them to WøOD by October. He wants to work all the incoming ideas over and whip them into shape for the DXAC consideration.
KM6FC will be leaving Midway Island in Qctober and will next be heard from up in the
 on the island to keep KM6BI going. KM6BI, while we are in that area, QSOs for ones before July 1978 to W8TIX. Since July lst they go to h5RU at the Delta DX Assn.
Frpdar apparently is St Pierre Slim. W1GB says he knows nothing on this one.

## HERE IS THE RECEIVER AUDIO ACTIVE FILTER THAT MAKES ALL OTHERS OBSOLETE

The Electronic Research Corporation of Virginia Modal SL- 55 Audio Active Filter adds unequalled versatility in recaiver audio processing for SSB and CW. This filtar was designed, produced and made avallable to the amatour community only after painstaking research and field testing of its effectiveness in minimizing CRM. Check these features:

Continucusly tunable kandipas filtor (not lowpesel so that the pastbund may be positioned anywhere from 200 to 1400 Hz 3 dB bendwidth is continuously adjustabie from 14 to greater then $2100 \mathrm{~Hz}(20 \mathrm{~dB}$ bendwidth from 140 to 2100 Hz ).

Audic input and ovtput impedance is eight chriss with one watt outpurt capability.

Dimanaions - $-5.5 \times 7.5 \times 3.5$ inches.

Availatle in grey or grese tposes.

Positioning of simultaneous notch filter is continuously variable from 300 to 1400 Hz with FINE and COARSE position controls. Notch depth is fixed at nominally 30 dB . Notch tuning is independent of bendpess tuning and may be completoly diselbyed.

Bypass switch rastores the recsiver curdio output path to its original configuration.

Power Requirements - - - 115V ac at less than $1 / 16$ amp. No ltetteries needed.

REPORTS FROM RED EYED LOUIE

> I found DX ．there
> On a slope few see
> That falls westwardly
> To the selt－edged air，
> Where the ocean breaks
> On the purple strand
> And the hurricane shakes
> The solid land．．．．．

| AFRICA | CW |
| :---: | :---: |
| EA8BF | 14008／0100／Aug 21e |
| 垩8IE | 14046／1215／Aug 22m |
| FF7BD | 14017／1420／Aug 24w |
| J28AY | 14006／0225／Aug 24w |
| J28AG | 14003／0200／Aug 26w |

AFRICA SSB

| 8AK | 21355／175－／Aug 26w |
| :---: | :---: |
| CN8DK | 21303／1730／Aug 20w |
| D68AD | 14265／1245／Aug 22m |
| EA8RU | 14203／0210／Aug 24m |
| EA9PD | 14250／0545／Aug 25w |
| EL2EU | 21416／1535／Aug 20e |
| F＇B8ZM | 14220／1150／Aug 22e |
| ASIA | CV |
| A9XCE | 14067／0430／Aug 25 |
| AP2TN | 14031／0130／Aug 25m |
| EP2IA | 14026／1335／Aug 24w\＃ |
| HM1DH | 14047／1515／Aug 22w |
| HM2JN | 14024／0800／Aug 23w |
| HM1JJ | 14005／1445／Aute 22w |
| HS1ABD | 14027／1430／Aug 23 m |
| HZLAA | 21011／1210／Aug 21j |
| BZLAB | 21011／1230／Aug 21m |
| JT140； | ；14031／1150／Aug 25e |
| ШøAFX | 14036／1605／Aug 2Lw |
| U¢EQ | 14008／1200／Aug 20m |
| UA9FIN | 14004／0230／Aug 24m |
| UA9ACR | 14003／0220／Aug 2 L4m |
| UA9IF | 14030／1250／Aug 26 e |

ASIA SSB

WA1DXU／A6 21320／1830 24m A9XBD 14266／1900／Aug 25 e AP2DX 14201／0300／Aug 23m AP2UR 14225／1620／Aug 26w BV2B 14218／1155／Aug 23e EP2RU 14239／1910／Aug $25 e$ HM3LR 21348／0030／Aug 22m HS1WR 14209／1510／Aug 22w HS1WL 14212／1510／Aug 23 m HI9VY 14202／1310／Aug 21m HZ1JB 14236／0320／Aug 20m JY3ZH 14250／0545／Aug 25w JTSUS 14245／0025／Aug 26e JY5MK 21279／1920／Aug 25e JY9DI．14245／0450／Aug 23w

## ELSEWHERES CW

CE2BWV 14014／0300／Aug 28w CE5BIB 14032／0100／Aus 28w CG5YA 21030／1830／Aug 20w FMTWU 21031／1440／Aug 24e FIMTBD 14028／0500／Aug 26w FNT7BB 21015／0415／Aug 26w FFKCS 14003／1135／Aug 21e FOめAKV 21027／0245／Aug 22w
F08AQ 1404山／0415／Aug 22w

TR8BJ 14035／2005／Aug 22w
ZSTRM 14042／1430／Aug 12wf ZS1XR 14037／1410／Aug 25e 2S5DE 14－41／1340／Aug 24e
ZS6DN 14018／1445／Aug 26m\＃

FR7BE 14202／1135／Aug $23 e$
FF7BG 21281／1315／Aug 20e J28AA 14310／2110／Aug 24m SripRE 14310／2130／Sundays ST10K 21265／1935／Aug 21e STXYY 14196／1925／Aug 26e
SU1AL 14212／2350／Aug 21II

TA9LAC $21034 / 1400 /$ Aug $26 e$ गAф́ZOJ 14011／0330／Aug 26w
 पАøJBG 14042／1100／Aug $23 e$ U4øSIFP 14028／1120／Aug $25 e$ पАø月A 14026／1145／Aug $25 e$ ТАФJTV 14007／1330／Aug 20e पAgiag 14010／1315／aug 22e UD6DIJ 21038／1800／Aug 23w UD6CN 21028／1730／Aug 26w UD6DFK 14025／0210／Aug 23m पF6FDI，14006／0240／Aug 23m UF6VAA 14033／0415／Aug 25w DGGGAF $14013 / 1440 /$ Aug 27 w UB6CN 14056／0250／Aug 27m

JT1BF 14214／1555／Aug 23m JH2ALL 14235／2100／Aug $24 e$ JY90D 14234／0010／Aug 26e IA1IN 14220／1330／Aug 25 e KA1NC 14220／1440／Aug 23m KA2DX 14209／1230／Aug 23e OD5LX 14202／0315／Aug 25w UA9ABV 14212．9339／Aug R0e णАф́çW 14210／1200／aug 20e
UF6RS 14244／0315／Aug 20m UF6BZ 14229／0350／Aug 24m UF6FAG 1400L／0355／Aug 25w UF6TAG 21324／1325／Aug 21e UGGAI 14223／0410／Aug 22m UI8MF 14258／0355／Aug 23m

FTYOORL 21010／2105／Aug 23w FY7BF 14013／2300／Aug 23w HK BRXX 14037／1230／Aug 28e нसКф BKX 21025／1810／Aug 25w Hتp POL 21019／1540／Aug 26w HF $\partial$ POL 21019／1410／Aug 24ja\＃ सW3 ${ }^{\text {WNB }} 14014 / 1205 /$ Aug 21 m KGLIFW 21026／2240／Aug 22w KG6DX 14008／1435／Aug 26w

ZDTWT 21034／7750／Aug 22W ZS6DN 21021／1640／Aug 24W 3D6AG 14045／0150／Aug 24w 5T5PG 21009／2155／Aug 23w 524QS 21082／2215／Aug 23w

# $\$$ 

7F8AT $14011 / 1405$ Gug 25w


WA7JRL／SU 21290／2020 26w VE6BGU／SU 14230／0435 20m ZS1TD／ZS2MI 14208／1515，24w S79MC 21294／1850／Aue 24w ZS6RA 14227／1145／Aug 26e ZS6WI 21416／1545／Aug 20e 3B8DA 14220／1220／Aug 20e

5H3FW 21282／2030／Aug 21w
524BW 25 Ho／2015／Aug 22m 524W 21273／2035／A： 2 g 23w 524FW 21280／2020／A조g 2LIM 7P8BG 14228／1450／Aug 25w 7X2HM 21307／2010／Aug 22m 9G1JH 14288／2345／Aug 20e

UI8FAI 14022／0145／Aug 26m UI8ADM 1404／4／0100／Aug 25m U18BI 21030／1550／Aug 21w UI8ADS 14077／1515／Aug 25w DJ8AG 14015／1345／Aug 23w UJ8BQ 14055／0245／Aug 27 m UK7LAA 14047／0615／Aug 26m UK7GAA 14042／1100／AuE 230 UK7YAB 14002／0220／Aug 24m UK8BAA 14059／0245／Aug 27w UK8AAA 14030／1815／Aug 23m UK9ADY 21030／0530／Aug 23 m UKgJaF 14040／1240／Aug 26e UK90AC 14037／1255／Aug 26e UKGAAN 21030／1350／Aug 26e

оसфqAi 14038／1335／Aug 26e OLTGAS＇14035／1430／Aug 26m UTEAH 14043／1500／Aug 22w ULTVAT 14031／1820／Aug 23m OLTMAR 1404／／1905／Aug 26m ULTEA 21026／1350／Aug 26e UL7GW 14022／0140／Aug 26m UMEMRA 14006／1615／Aug 21w UM8FZ 14049／1645／Aug 21w OE5CA／YK 21024／2030 21w OE5CA／YK 14027／0145 27w VU2KMI 14028／1215／Aug 21w vo2vK 14030／1345／Aug 23w 4X4GD 14018／0325／Aug 24e 9v10K 14048／1435／Aug 20w

DG6GAI 14231／0335／Aug 25m ज़G6AW 14208／0415／Aug 20m UI8AR 14204／0335／Aug 25m UI8SAI 14200／0220／Aug 27m UK9AAN 14217／0330／Aug 24m UL7QB 14215／0210／Aug 24 m ULTJGA 14220／1500／Aug 22m UL7LA 14207／0315／Aug $23 e$ UM8MAU 14241／0305／Aug 20m VT2GDG $14212 / 1445 /$ Aug 25w VT2CK 1420L／0150／Aug 22m VO2CP 14209／1140／Aug 23e VO2DRZ 14220／1150／Aug 23e VU2BX 14204／0230／Aug 23m VS6AK 14213／1155／Aug 21e

VS6EJ 14212／1200／Aug 21e Vis6g 14227／1330／Aug 21e YI 1 BDG $14310 / 2314 /$ Aug $25 e$ 4R5AB 14203／0250／Aug 26m？ 5B4 HPP 14223／0020／Aug 24 m 5BLPA 14223／0005／Aug 24 m 457EA 14221／0005／Aug 25e 5BLGS 21284／1830／Aug 20e $4 \times 30$ JU 14223／0420／Aug 22e 4ZLNL 21324／1850／Aug 25e 4XLCW 14225／0350／Aut 23e 9K2FX 21：258／1900／Aug 24m 9K2FP 21320／1845／Aug 20e 9V1SY 14304／1500／Aug 27w $9 \mathrm{~V} 1 \mathrm{TR} 1421 i / 1440 /$ Aug 25 e

KG6JFF 14059／1130／Aug 20e KLTMF 14020／1430／Aug 22w PJ3SF 14038／1310／Aug 22w VK6HQ 14025／1335／Aug 21w V01EJ 14003／0245／Aug 22w OX30A 14016／0100／Aug 21e nn1z 14011／0425／Aug 28e YN1FMQ 14014／1300／Aug 22m YS9CH 14008／0220／Aug 2Lw

ZK1BD 14039／0515／Aug 26w ZK1BD 21046／0600／Aug 28w ZP5AO－14026／0615／Aug 26w LK1AB 14003／1350／Aug 24w LKKGM 14028／＇1530／Aug 23w 8P6GM 14027／1300／Aug 23w 8R1X 14003／0250／Aug 31w 8R1J 21029／0240／Aug 22w 9M8HG $14005 / 1405 /$ Aug $22 w$
And louder than the bolts of heawen,
"I QSL; you're five by seven.......'

THEN METER LOUIE
The Muffled Drum．．．．．．．

FMTWH 28026／2010／Aug 19w FOøAKV 28030／0035／Aug 20 FYүВН 28026／9800／Aug 20w HK 3YH 28020／2115／Aug 18w JE1CEJ 28040／2200／Aug 19w JF1COE 28008／22．55／Aug 19w

## LOW BAND EOUIE

DM2DXO 7019／2325／Aug 21e DJ6RX 7007／0305／Aug 20w DL9TJ 7007／0300／Aug 20w DL1PM 7006／2350／Aug 21e DT2FDM 7001／2320／Aug 21e EA8FJ 7012／0130／Aug 26w EA7TV 7014／0750／Aug 19e FTR7BR 7003／0315／Aug 21 1in FMTWU 7002／0000／Aug 21e FODAKV 7009／0640／Auge 23m F3NB 7013／0455／Aug 22w
JD1AIM 3508／1420／Aug 27w KAGKN 3800／1300／Aug 26w KG6DX 3508／1245／Aug 27w

FYøEOL 7010／2345／AuE 14 e CM30UR 7009／0020／Aug 24e HC2AO $7020 / 1100 /$ Aug 17 e HI3PC 7035／1000／Aug 17e HE\％OOI 7002／0240／Aug 22w WB9VXK／HR1 $7005 / 111024 \mathrm{e}$ KG6SW 7005／0815／Aug 19e LZ1KDP 7013／0330／Aug $24 e$ OE1GFW 7005／0155／Aug 25e OK2BKV 7002／2345／Aug 21e OZ1思＂7002／／0005／Aug 22e

VK2AOS 350L／i255／Aug 17w VK5MV 35（02／1255／Aug 27w

PY1AQ 28032／2345／Aug 21w PY2EGM 28016／2135／Aug 18w TIøRG 28032／2320／Aug 21w VK2QL 28026／2245／Aug 21w VK2BPN 28025／0215／Aug 20w VEBHA 28028／2215／Aug 18w

SP9MII 7010／03 0／Aug 24 e SP9KEY 7023／000C／Aug 15 e SP3HRN 7010／OL山5／Aug 22w SVAWTT 7004／0340／Aug 25＇w TA1RZ 7007／0130／Aug 27e UB5LAW 7010／0025／Aug 17e UF6DZ 7007／0245／Aug 2140 UF6FIS 7005／2345／Aug 22e UF2BFB 7010／00L0／AuE 23 e 0050DY 7006／0210／Aug $24 e$ UR2RSA 7007／0320／Aug 24e

YC 1BMK 3512／1340／Aug 27w 9M8EG 3512／1345／Aug 27w

YN1Z 20026／1830／Aug 21w YVLAMG 28026／2130／Aug 19w VP2MBC 28024／2100／Aug 18w ZLiNG 28038／2305／Aug 19w ZL2BCW 28036／2305／Aug 19w

TQQums 7013／0245／Aug 23e YU2CDX 7001／0040／Aug 21e YU3JPQ 7002／2335／Aug 21e yobou 7012／0310／Aug 2Le YN12 7013／0315／Aug 25e 2LLIR／A $7003 / 4230 /$ Ag 22w ZS1ER 7002／0430／Aug 24w ZS6DN 7021／0325／Aug $23 e$ LK1GM 7006／0410／Aug 21w 9V1IB 700／／1025／Aug 19e\＃

## EUROPE CW

CT1QL 21010／1830／Aus 21w EA7FC 21041／1855／Aug 25w CT2QN 14027／0805／Aug 26ja\＃EI5DH 14013／2250／Aug 23w I低SO／CT2 14025／0140 24w EAGFD 21005／1745／Aug 20m G3KTJ／GJ 21023／1730 26w FC6ETR 14053／2205／Aug 21m G3KTJ／GJ 14020／2245 24w．HB9BCY 14002／0540／Ang 22m G3RCA／GU 21020／1610 23m？？I7DIY 14007／0500／Aug 24 m G3RCA／GU 14014／2230 22ja？ISøWNIJ 21001／1900／Aug 20m GD5CKM 14022／1420／Auge 23ja IDJX 14020／0520／Aug 21w GD5CKM 14025／2300／Aug 22m IT9USTV 21037／1815／Aug：23w GDLPBEG 21027／1820／Aug 23w GD3FKN 21014／2015／Aug 23w GDLAM 21027／1940／Aus 24w GULCHY 21033／1615／Aug 22w DF3KN 14015／0405／Aug 25m EAGEJ 21007／1440／Aug 21w

IX10AR 21020／1600／Aug 21w IX2FITK 14034．2225／Aug 23m OE5WLL 14007／0450／Aug 24 m OH10G 14010／0400／Aug 21w OH2BEI 21028／1620／Aug 23w OH2BIZQ 21073／1455／Aug 24e

OK1AGW 14040／0615／Aug 21w OK3CYU 14040／0605／Aug 21w OZ8WH 21022／1805／Aug 23w PAф才TH 14013／0550／Aug 24 m SP2FAX 14007／0530／Ang 20m SP8AG 14011／1725／AUE 25w SV1JG 21002／1825／Aug 20m SVIIS 21028／2030／Aug 2Lw TF3DC 14010／0325／Aug 26w TF3CW 14027／0100／Aug 25w TTF3Y 14009／1415／Aug $24 e$ UA10STM 14022／1635／AuE 22w UA3AFO 21052／1615／Aug 21w UA12BP 14015／0420／Aug 25m UK5XBA 14013／1415／Aug $24 e$

UC2AW 21020／1520／Aug 24w UC2AW 14058／0435／Aug 25e UQPPQ 21039／1740／Aug 23w UR2ZN 21007／1625／Aug 23w UW120 14034／2145／Aug 25 e UV3C8 14007／0500／Aug 24 m YT3M 21028／1900／Aug 26w YT9MI $14,035 / 2145 /$ Aus $25 e$ YO3DES 21015／1445／Aug 24 e 4 L1A 14020／1440／Aug 23w 9 F1FR $21039 / 1740 /$ Aug 23 W 9H1CH 21006／1615／Aug 24W YZ9DX 21024／1600／Aug 21w

ON4UN 14212／1625／Aug 22m OZ8BZ 14238／0530／Aug 21w OZ29KZ 14259／4225／Aug 20w SV1CB 21315／1410／Aug 21e ST1EX 14203／0340／Aug 22e SV1IP 14229／0415／Aug 23m TA1ZB 14304／2015／Aug 21II UA／4HCR 14227／2030／Aug 24e UB5ABE 21276／1830／Aug 23w UB5GAA 14233／0425／Aug 23w UB5MBY 14216／1900／AuE 22w UN1CC 14210／1955／Aug 24 e

UK2ABR 14211／2195／Aug 20e UK2BAS 21297／1910／Aug 20e UC20AV 14206／0400／Aug 25 e UW6DR 14221／0130／Aug 21w TY5IK 14220／0350／Aug 24 m YZ9MG 21260／1610／Aug 21w 3A2HB 14240／2110／Aug 22m 401 IIT 14316／1515／Aug 20e 9H1EU 14204／0600／Aug 26w 9世1EQ 14300／1900／Auz 25e 9H3A0 21307／1815／Aug 22m $9 \mathrm{H} 4 \mathrm{M} \quad 14224 / 2115 / \mathrm{Aug} 24 \mathrm{~m}$

DF1NH 21260／2105／Aug 26W DF6BX 21310／1630／Aug 20w DMLIRDA 21355／1820／Aug 23w EA6BG 21291／1925／Aug 223 EI7CW 14210／1055／Aug 2ie FC9UC 14201／2125／Aug 25e GJ2LU 14212／1105／Aug 23m GU5CIA 14199／2105／Aug 24 m GW3AX 21279／1520／Aug 25w HB BBIB 14293／0015／Aug 24 qu I2JQL 21293／1615／AuE 20w ISळWON 21298／2055／Aug 20w

IH9ARI 14241／2210／Aug 21e IT9KZW 21332／2300／Aug 21w iW7FD 14236／2055／Aug 24e TLE1FF 14212／0430／Aug 25m CE2VEH 14203／0500／Aug 23w OFRBQL 14203／1450／Aug 26w OH2AR 14255／1640／Aug 22w OHLRF 14210／0550／Aug 26w OH1TY 14216／0355／Aug 240 0igina 14222／1330／Aug 27e OK1FF $14223 / 0530 /$ Aug 25 w OY5J 14240／0050／Aug 22e

CE9AT 21355／1720／Aug 27 w CEDAE 14284／0455／ArIg 27w C21IM 14218／1220／Aage $26 e$ DU1RTXX 14216／1245／Aug 21e KøAX／DU2 14226／1235 24e WB5 1 IBJ／DU6 14240／1345 22w FG7AS 14205／0425／Aug 21e FG7BA 14220／0500／Aug 27w FP ${ }^{2}$ AMI 21236／0145／Aug 24w FDEQQ／FS7 21355／18：50 21w HC1 1EF 14227／0455／Aug 27w DFFSL／KC6 14255／13．50 21m

KGlㅍTP 14201／0440／Aug 26w KG6RT 14：265／0530／Aug 20W KMGFC 21355／2115／Aug 26w KM6FD 21290／0305／Aug 24m W8OFG／KV4 14214／1425 26w KX6BQ 14332／1210／Aug 22m KXKMP 21330／2350／Aug 21m IXX6BU 14289／1145／Aug 26e OA2BQL 14205／2015／Aug 24 m $0 \times 3$ تi A 14218／340／Aug 23m OK5AA 14214／0245／Aug 17 e LOFHDC 21207／0020／Aug 21w

P29JS 14226／1225／Aug 26e P29TL 14192／1330／Aug 21m P29FI 14232／1220／Aug 21e P＇29TL $14225 / 1305$ ．Aug 21e PJ2AAK 14205／0330／Aug 24w PZ2AC 21301／2345／Aug 22e VK6PM 14219／1400／Aug 23m VK6CT $14278 / 1300 /$ Aug $21 e$ VE7AE 14230／0530．Aug 28w VK8EW 14333／1305／Aug 21e VK9RH 21282／0010／Aug 26w VX3GNE 14211／1840／Aug 25w
（ $e=$ eastem states $\quad \boldsymbol{m}=$ midalle states $\quad w=$ westem reaches $j a=j a p a n$ etc．
（\＃＝long path ？？＝Slimd last week heard from Guernsey：

VK2AGT／TLE 14257／0615 23m VP2SV 14223／0400／Aug 28e VP2MH 14237／0405／Aug 28e VP2KT 14281／1055／Aug 21e VP2AG 14281／1100／Aug 21e TP2SQ 14210／2215／Aug 26w VR1AG 14292／1100／Aug 21e VR3AH 14222／0835／Aug 24e VR3AK 14195／0515／Aug 27w VR3ar 14198／0355／Aug 22e ZLLIKR／A $14294 / 0505 / \mathrm{Ag} 27 \mathrm{~W}$ $401 \mathrm{UN}^{2}$ 14220／1705／Aug 22e

## CATMADAR

DESECHEO
COMORO
POLNEYSTAN OSCAR

MEILISH REHFF
HONG KONG
TRANSKEI
ABD AIL
ANGUILLA
GLORIOSO
KWAJALIEIN
BOPTHUTASWANA
HUROPEAN PRONE TEEST
TORTH AMBRICAN SPRINT
WgDKCC DX MEETTING
DXPO 78
NEW ENGLLAND SCHFOD MERET
CQ WW DX PHONE TESTP
CQ WW OW DX THET

Hold! Put off for a couple of weeks but still coning
Mrarsportation giving San probleut but he shonla be beara this week
WBGFJ aiming for FO8-0SCAR 7 from beptember 10 th to $22 n d$.
Late this month.....listen for them from September 29 th
VS6KK operating contest style from this Sinday, Fepterber 10 th
S8ABC reported as coming September 22nd for a week
F'6BBJ working on a late 1978 effort. Plans not fixm yet

- Mpremer until about mid-September. 10/15/20 SSB ana CW

A "With said to be scheduled for enother tour there...Nov/Dec.
thintion looking to operate KXGBU for the Europeans in Jete September
WhMG reported as going there next month
This weekend.... September 9/10th
This Sunday...... September 10th
Downtown Arlirgton Heights this Saturday, Sept 10 th. K9MM for inf
Downtown Tysons Coiners... near Washington. Next weekend. Sgpt $16 / 1 / 1 / 4$
HRP All the DKers munching.... Downtown Wal tham, Mass Sept 30th K 100 for infu
Meet all the other Big Gun IXers! October 29/30th....
Catch the ones you missed in October. November $25 / 26$ th
mataly

CONTEST CAS FNDAFI.
CHATHAM TURKS \& CAICOS
CURACAO SINT MAARTER

MAVASSA

ZLIs going in well organized effort ${ }^{\text {a }}$
West Palm Beach Hadio Club in Big VP effort.
Potomac Valley in multimulti signing PJ9JR
PJ8CO looking for new CQ WW Record..... 8 operatorg in mul ti/umity

CQ WW CW TEST November 25/26th
Zeros going there to raise a big score

We need more contest listings. Tell us your plans and we will tell ail the IXecs whate you will be looking for them.........

## SALES \& BARGANTS

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ARRL Over six thousani ve taken advantage of the ARRL insurance ci age and more are expected. Op to last month, 3. of the membership had responded and the ley, is expacted to rise 38 the insurance offer gets more publicity. If interested, the ARRL will give you more information, or you can find it in back issues of QST.
The new Repeater Directory ia not expected to be available until eariy next year. phere in atill some of the old ones on hand and the work on the new one is deliberately metioulcus in ordes to avoid problems.
The Atlandtic Division is still the largest with 17,022 full, associate and aubscribers, The next in order are the Great Lakes with 15,614, the Central Division with 13,912, the Southwastern Division with 12,866, the Southeasterm with 12,526 , the Hudson Division with 11,432, the New Fingland with 10,440 and the West Gulf with 10,127 members. The rest come in order, Roanoke, Pacific, Northwest, Midwest, Canada, Delta, Rocky Mountain and Dakota.
ARRI reminds DXers that they are forwarding cards to over 150 countries throw the Outgoing QSL Service. Use your QSI mailing label, aryenge cerds alphabetically, enclose sase, etc. Cheok Aug QSII

 $K 5 \mathrm{VNJ} / 2$, WGARE, WGBYH, WGCAE, WAGCPY, KBBCCR, KGDT, K6EC, NGEM, WAGEPB, WBGGFJ, W6IA, KGIG, HGJM, WGKPC, K6IAE, WGMUS, N60B, W6PT, W6PYY, WGRG, WGRTN, K6RV, K6SX, WAGMLA, W6TSQ, WB6UJO, N6DW, W6VD, K6WR, K6XP, W6YY, WB6ZUC, W62FV, W6ZTM, K7ABV, WA7COQ W7JGL, N7MW, W7OK, N7UT, WB8EWN, K8IA, K8MN,


WEST COAST DX BULITTTN Published every week by the Marin County DX Group. Sometimes there are some peculiar stories drifting about and last week we got more of the game. One of the local QRPers had been traveling during the summer months and was up the hill to report. "You know that I was oversess he said and we had to admit that we knew. An aftermoon had been spent compiling a list of oweweeas DXers and their QTH for him. "Well," "the QRPer continues, "during the trip I vi.sited this curntry that is not exactly common and locented the local DX celebrity. He had a nice set-up, some good gear but not too good an antenna. But just the same he was handing a lot of business, both sidemband and C.W." This was all very interesting we kept telling ourselves but we wondered where he wha leading us. The QRPer looked at us, we looked at the QRPer. Then he leaned close. "Don't you get itz" he said, "he wes handing out c.W. GSOs!" We nodded in understanding. Usually, if they are not phome, they are uaually $\mathrm{c}, \mathrm{W}$. Then the GRPer leaned even closer, his voice guarded. "CW QSOs," he repeated. "Don't you get it? C.W QSOs and the guy doesn't read code. Hardly at alli" We hed to think this one over for how does one have c.w. QSOs without knowing the code? We then decided that perhaps we should pay more attention to the QRPer. Maybe we'd learn something. The QRPer, obviously satisfied that he had our attention, leaned back a bit expansively. It was evident that he was savoring the moment. "There were fellows calling him on phone," the QrPer explained, 'and he would work them. He'd give them a report. But then after they colmpleted the phone QSO, of ten there woulid be a request to listen for them on c.w. This DX station would tell them to go ahead, the c.w. would come rattling in and when it was over, he would give them a five-five niner. Every contact was a five-five-niner. So I asked this DXer about it and those reports as some were definitely different than others. And why a five-five-nine. Why not a five-niner-niner? You know what he told me? All he was doing was listening for c.w and when it stopped, he just gave them the report but he did not know what they had sent. Someore had told him what report to give and he had been giving that ever since. What do you think of that?" Son of a Gun! What were we now to say to the QRPer? So we told him that the ARRL had okeyed cross-mode contacts for the CW LXCC Award and what else was new? The QRPer was not a believer. "Bat the station does not read code," he kept insisting. "He said that it was not required for a license in his country." It was obviously that here was a QRPer that was not understanding. "You are lookj.ng for a rational criteria for DXCC," we had to advise him, "but often there ian't." And between you and me, I was wondering what he was getting excited about for this ploy has been with us for some time. "Cross-mode contacts are okay for C.W DXCC," we tried to assure him but he was not ready. "Buti the station does not read c.w. !"he kept insisting and we finally had to tell hill it was not essenti.al." And we wondered if he had completely understood everything. Sometimes it is a problem but if you want problems, we have them. Sabscription. rates available on request and only newspaper subscriptions in the lower Forty-Fight. Or something like that. We have to think things over.....


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