

BHuTAN W6KNH and VU2KV plan to mount a Bhitan operation for four days from December 28 th and will sign A55KV. Clyde Schoenfeld, WGKNH, will be on a wrld trip and will be in India next month, probably being in Calcutta for Christme, and in Ehutan for few Years. Venkat, VUZKV, made a short operation from Bhutan in May 1972, conditions not being favorable for an extended stay and the operation left many needirig Bhutan. The exact time for the operation to open will depend on the progress made through India and Nepal prior to going to Bhutan.

The operation will use both c.w. and SSB. Frequencies will be
SSB: 14195kc 21290kc 28600kc......what frequencies will be used on the lower bands will be decided after their arrival and will be announced.
C.W. 10kc inside the lower edre of all high-frequency and low-frequency bands.

Gear will include a beam for the higher frequencies and a linear will be available for all bands.

QSLs will be handled by W6KNH. More d tails will be coming on this before Clyde and his XYI depart. "This effort has keen in the planning stage for some time and things are rather solid at this time.

KAMARAN 4W1AF and FIBOM will be on Kamaran Island for two days late this month, their plans calling for operations on November $24 / 25$ th.
As of this time there are two definite frequencies....14177kc and 7085kc. These are crystal=controlled frequencies and additional frequencies may develop. The trip to Kamaran will be on a small plane and space will only allow a ground-plane antenna. External VFOs will be available. While the above are transmitting frequencies, listening frequencies will be announcod.
This is planned to be the first of several trips to the island which belongs to 4W1-Yemen Arab Republic. The call-sign is not, complete but may be a VSgK-call. Many tend to show signs of rigidity over the prefix, pointing out that it was a prefix assigned to the British, they leaving the area some years ago. The ARRL DXCC Desk has in some prior instances indicated that they are not up tight over a call-sign, boing more concerned over the authenticity of the operation. Anyhow, work them first, worry later. And do your dance for good band conditions.

BAJA NUEVO Reports are that WBZANT has authorization from the Colombian government for
 been assisting in lining things up and there should be more information on this as the plannings jell.

SUNSPOT IOUIE W8ZOK is still down in Florida decimating the grouper population off Clearwater Beach but whilc he is gone, WB4SIJ forwards some late information on sunspots, expectations and such other important natters. For September, the Zurich sunspot data showed a mean of 60.8 sunspots with a peak of 135 sunspots on Scptember 3rd. During the four days from September 2nd to 5 th there were over 100 sunspots visible on each day.
There were no sunspots on September 13 th and 14 th. The late rally towards the end of Saytember found the totals in the 80 s in the period Septeriber 25-28th and tapering off. On September 30 th the count was 71.
For comparison and for those with long memories, the nean number for Auguet was 25.6

The predicted numbers for the coming months are: December 29; January 28; and for February 27. There is a decline but hold on long enough and you will find the numbers heading up again..
It always has......
MARCJS As of now we still have not figured out what happened to the JD1AJA plons for Marcus during the $C Q$ Test but KA1BL continues to show up fairly regularly from the island: KA1BL was at 21 $770 \mathrm{kc} / 0050 \mathrm{Z}$ on November 2nd.
MANIHIKI ZK1MA, Tuatai Tupou, will be taking down the station there on Manihiki and relocating to Rarotonga where he will continue his work with the Cook Islands governmont. An effort is being made to get a license for his roplacement there on Manihiki but this is not certain at this time.
On ZK1TA, which socms as though it will count only for Manihiki, W6KNH notes that he will shortly be gone from the country for three months or so and anyone needing a QSI for ZK1TA and ZK1AI should either move soon or be propared to wait. On the ZK1MA QSIs, Clyde expects to have the complete logs, including any last minute operations by Tuatai, waiting for him when he returns from his long trip.
IRINIDAD--CQ CW TEST W4BRB will operate 160 mtrs , cW exclusively and with a KW of power from-Trinidad in the upoming Great CQ WW DX TEST, and will sign 9Z4GS. Also along on the trip down to Trinidad for the test will be a number of other West Palm Beach operators including K4SHB and this group will sign 974 CW in a multi/multi effort in the test. Gems and his friends were in. VP?=Bahamas for the CQ WW Phone Test in October. The following fills in some details.

ZFYGS/VP7 CONTEST REPORT Someone mentioned to Gene Sykes, W4BRB, that during the October Tost that a $\overline{Z F 9} / \sqrt[V P 7]{ }$ was heard calling CQ around 3811 kc and with a number of stations from the Great Smokies west calling, the ZF1/VP? would only occasionally raise a station and generally worked only an occasional W4.... Gene writes

I know what you are referring to.. How I know!? At that particular
"point in time.", the first cold front of the year had moved into the south Florida peninsula. Grand Bahama Island, where we were located, is due cast of that area, the nearest point being some 60 miles and separated by the Gulf Stream.
From all accounts the front!-got stalled by the Gulf Stream and just-
hung there all night, somewhere in that 60 mile slot. ZF1GU/VP7 which was operated by WB4TAF/WB4GWI/WA4SVI/WB4EYX and W4ORT, were operating multi operator/single transmitter and ran inta that noise headon... I can swear to this because I was operating in the adjoining aportment on 1.8 mc in a single barid/single operator effort and the static was unreal. The front moved in about $0130 Z$ and my log for 160 mtrs showed that between 0000 Z and0100Z I worked sorae 25 stations on 160 mtrs . From 0100 to 0115 only three more though I could hear all kints of eblls at unreadable levels. The multi-haxd gavi/VP? kept relaying nessages that stations were calling me. The QRN was so bad that I gave up and sacked out for two hours. I kept getting up at hourly intervals put trie situation persisted all night. The first night I wored 28 contacts, $80 \%$ in the firtt hour. The second night I picked up 100 contacts but the damage had been done. WA4SGF nother 160 mtr buff, reported' nt static the same as I had...+20db. At was a disaster...

FGGAFM/FS7 St. MARTIN REFORT Last monith John Irwin, K6SE/2, went south to French St. Martin to operate during the CQ WW Test, working with K2FJ in a combined operation with K2FU operating PJ8DX/PJ7 in Dutch Sint Maarten, the other part of the sane island. John writes:

Our suitcase DXpedition was a qualified success with some troubles with cquipment, site, antenna, health (fatigue), none of them deadly. If I had to do it again I would take down in addition, a 4-element bean, an alarr clock and some insect repeliant and not necessarily in that order. My Hy-Gain 18AVI/WB had its base one foot above the beach just outside of Roon 6 at the Hótel Le Pirate in Marigot. I was working barefoot. PJ8DX/PJ7 had a relatively poor location for stateside with his signals down perhops two to four S-units: had a good run together on 28 no Saturday in the contest. 28nc was hod for me with 532 QSOs Saturaay and 830 (alone) Sunday. U.S. Hams were splendidly cooperative. The worse feature was that a non-negligible percentage of them and ospecially the louder ones, sounded as though they had been filtered through a nutmeg grator.
The one-way skip was at times increrible. Stations barely readable were giving to me consistently $5 / 9$ or $5 / 9$ plus reports even when they had ten times the powar. It worked the other way also, at times being extremely frustrating.
We worked a considerable nuraber of West Coast.stations on 40 and 80 but the background QRN was high and there must have been plenty that I could not copy or hear. Conditions for the PACDXNEI were poor. We gave some assistance to FGすZZ in raising his 6-element beam---he was working pile-ups we couldn't even hear. Those lads were old hands at contests and did a superb job and probably brirging French St.Martin down in rarity by 50 or more countries. Their cperation location was at a spot 1400 feet above sea level.
A QSL card have been made out with W2MIG helping me, for all 3842 QSOs made with FGDAFA/FST from St. Martin and these went into the mails on Novenber 7th. About 500 QSLs with ease were received in less than ten days after the contest. These were answered and the rest went via the bureaus.

## John Irwin K6SE/2

CAMBODIA With the SEANET Convention coning up over the last woek-cnd, there has been no really late word on the XU1AA plans and nothing also which would indicate any change in plans. Look for them around Tuesday if all goes well. The last word fron then was that they would go to Phnom Penh from Singapore and operate for a couple of days before heading home.
IORD HOWE Indicators are that the operation of VK4EK did get to Lord Howe Island but only fragmentary reports have been ceceived on any possible operations. Last week there was a report relayed that he had been heard in the 3.5 nic bond....as of Saturday there was a report that he would be on the air over the weekend.

AGAIEGA QSLs Tack, JADCUV/1, writes to report that the only logs he has received from 3B6CF cover the March 19th to April 21st period and that he is waiting for additional logs to clean up the QSLs c: hand. There is no regular scrvice between Agalega and Mauritius and any movenent of mail or other correspondence generally must depend on the ship which supplies the weather station there. These ships go only once or twice a year and the reccipt of additional logs will depend on this service. Tack asks for patience in waiting on the 3B6CF QSLis and he will answer all on hond as quickly as he can obtain the logs.

QSLo..

A 2 CAE
A6XF
A 4 XFJ
A. 4 XFF

CR5AJ
CR6QR
IK5QES/CEDZ
CT2AZ
DATM
DM8THI
EABFE
En8FF
EA8JE
RLLCQ
HC8SB
FRTAX
FGØZZ/FS?
FGØiIFA/ES7
IT9BWO
JV5HC
PZøin
TI3QH
TR8AF
TR8PB
TG8GI
TN8BK
VQ9s/Farquhar
VP1SYL
VP2LAW
KP4DMA/VP7
VP7BK
VK9ZC
XV8:IB
XV8FA
YB7AMU
ZD7SS
ZD9GC
ZK1DX
ZB2BL
ZFIVE
3E1KC
515 FP
5W1AN
5N2ESH
5U7Bil
5U7BB
5H3 AP
524 NH
5 Z4KL
5V7GE
7P3AB
8R1X
8P6ES
9G1 $\Lambda$ R

Box 49, Gaborone, Botswana
Box 1057, Charjah, United Arab Mirates
Box 981, Muscat, Oman
Box 981, Muscat, Oman
Box 26i, Sao Thome, West Africa
Box 568, Luanda, Angola
Box 218, Broken Bow, Okla: 74728
J L Ritzen, USN/AF, Box 15 APO New York 09406
Box 412, OPSC, APO N.Y. 09611
Box 9, Ilnonau, "Enst Gorran Doriocratic Ropublic
Box 860, Las Palmas, Canary Islands
Box 260, Las PaImas, Canary Islands
Box 81, Puerto Osario, Canary Islands
Box 192, Monrovia, Lib-ria
Guayaquil Radio Club: $5 x$ 5757, Guayaquil, Eucador
Box 109, LePort, 97420 Reunion Island
R Gemehl, 95 Ruc H rerbuse, 92700 Colonbes, France
John Irwin, 578 Mor: s AVe, \#A-6, Elizabeth, New Jersey 07208
Box 18, Termini, Sicily
Box 2353, Amran, Jordan
Box 566, Paramaribo, Brazil
Box 703, San Jose, Costa Rica
Box 208, Libreville, Gabon
Boy 13122, Libreville, Babon
Box 115, Guatemala City, Guatemala
Box 2217, Brazzaville, Congo Republic
Box 193, Mahe, Seychelles
6365 Kingston Court, New Orleans, La. 70114
Box 91, St. $\mathrm{I}_{\mathrm{u}} \mathrm{cia}$, BWI
ETN1 Howard Robbins, USN Facility, FPO N.U. 09556
Box 8688 , Nassau, Bahmess
c/o Post Office, Croydon, 3136, Australia
U.S. Frabassy, APO San Francisco 96352

USAID/PMB, APO San Francisco 96352
Box 47, Balikpapan, Indonesia
Box 16, Janestown, St. Helena Island
F Nel,-12 MOrgan St. Delville, Germiston, Republic of South Africa
Box 269, Rarotonga, Cook Islands
Box 292, Gibraltar
Box 440 , Graind Caymon. Island, BWI
Box 1074, Pmama City; Panana
Box 42, Nouadhibou, Mauritania
Box 1147, Apia, Westerir Mamoa
Eric Sherlock, Box 3034, Lagos, Nigeria
Box 877, Nianey, Niger
Box 302, Niamey, Niger:
Box 5, Kilaranjart Apts, Moshi, Tanzania
Boy 871, Thika, Kenyt
Andre Saunders, West Coullic Croft, Udny, Aberdeenshire, Scotland
Box 196, Atakpone, Togo
Box 389, Maseru, Lesotho
Box:164, Georgetown, Guyana
Box 814E, Bridgetown Guyana
Box 194, Anerican Ealassy, Accra, Ghann

MORE RED EYED MADNESS

| CT1UE | 21310／1630／NOv 1w |
| :---: | :---: |
| CT1EQ | $14235 / 1210 / \mathrm{Nov}$ 1e |
| CT1XKA | 21372／1650／Nov 3e |
| CT2AK | $21355 / 1910 / \mathrm{Nov} 5 \mathrm{w}$ |
| CT2BJ | $21270 / 1605 / \mathrm{Nov} 4 \mathrm{e}$ |
| CT2AZ | $21310 / 1845 / \mathrm{Nov} 5 \mathrm{w}$ |
| DI5DD | 14207／1455／Nov 4 mm 4 |
| EA4JF | 14205／1550／Nov 2w\＃ |
| EA5AX | 14206／1520／Nov 2w\＃ |
| EABJE | 14212／1800／Nov 5w |
| EA6BJ | 21322／1610／Nov 3e |
| EI9V | $14244 / 1915 / \mathrm{Nov} 1 \mathrm{e}$ |
| GC3．4L | 14232／2010／Nov 2e |
| GI3JIM | 21275／1510／0ct 30e |
| EISEWHERES．．．．SSB |  |
| CE8DK | 21339／1740／Nov 2w |
| DU1B0B | 21314／c000／Oct 31m |
| FP8DH | 21278／1720／Nov 3e |
| FY7YO | 21369／1655／Nov 3e |
| HC8FB | 21383／1640／0ct 30e |
| HC8HN | 14320／0130／Nov 7w |
| HC8GI | 21325／1650／Nov 3m |
| HCDIMM | $1.421 .7 / 0000 / \mathrm{Nov} 3 \mathrm{e}$ |
| HFI2FW | $21.415 / 1505 / \mathrm{Nov} 4 \mathrm{e}$ |
| EİXAV | 14333／1830／Nov 4e |
| HPYNU | 28562／1740／Oct 30e |
| KC6VE | 21283／2245／Nov．3m |
| KJ6BZ | $14342 / 0305 / \mathrm{Nov} 3 \mathrm{e}$ |
| KJ6CF | $14263 / 0000 /$ Nov 4 e |

GI3IVJ
GW8DY
HB9WU
ISØRUA
IT9BWO
IØOO
IX1BJ
LA7DB
M1B
OE9JKI
OE3UP
OH2MM
OH2BM
OH3YI

GI3IVJ GW8DY HB9WU ISøRUA IT9BWO IめOO LX1BJ LA7DB M1B OE9JKI OE3UP OH2MM OH3II
$14205 / 1610 /$ Nov 5 w 21254／1820／Nov 1w 21421／1620／Nov $21318 / 1650 /$ Nov $14207 / 1450 /$ Nov 14211／1550／Nov $14333 / 1720 /$ Nov $14212 / 1520 / \mathrm{Nov}$ 21275／1555／Nov 21300／1520／Nov $14212 / 1600 /$ Nov $14203 / 2120 / \mathrm{Nov}$ $14217 / 1500 /$ Nov 14220／1900／Nov
4e 2 m 4m\＃ 2w\＃ 6w
6w $4 e$ 4w／\＃ 5w 4w 4w 6 w

OH5WH 14203／2105／Nov 4w OH8TP $14204 / 2120 /$ Nov 4 W PADSMK $14333 / 1725 /$ Nov 6w SL5AB 14209／1925／Nov 5w WA1／TF $14240 / 2110 /$ Nov $2 e$ UA4BM $14212 / 1455 / \mathrm{Nov} 3 \mathrm{w}$ UK2WAF 14202／1320／Nov 4 e UY5UX $14333 / 1720 /$ Nov $6 w$ YU4EBL 14217／1510／Nov 3w\＃ YO3AC 21320／1445／Nov 9H1CD 21297／1630／Nov 1w 9H4BW 21315／1555／Nov 4e 9H1AF 21320／1130／Nov 5e

2e

$\qquad$ w 6w 5w 2e 5 e

LU4FSB 14233／0140／Nov LU8FI 28573／1955／Nov OA4HJ 14233／0155／NOV 0X5NB PJこARI PZ1DJ
TG9EP
TG8KT
TI2AJF
VK80M
VP2VAN
VP2SAF
VP2GBL
VP2LAS

7w

| VP2VPH | 14201／1225／Nov |
| :---: | :---: |
| VP2EN | 21295／1530／Nov |
| YSØGGD | 21293／1705／Nov |
| ZL1AQ | 28597／2305／Nov |
| 3E1KC | 21355／1800／Nov |
| 6 Y IA | 14207／1505／Nov |
| 8R1G | 21289／2025／ivov |
| 8R1X | 1．4220／0240／Nov |
| 8R1N | 21325／1835／Nov |
| 8P6AC | 28596／1695／Nov |
| 8P6CG | $28555 / 1625 / \mathrm{Nov}$ |
| $9 \mathrm{94VV}$ | 14215／1115／Nov |
| 8P6aE | 14224／2300／Nov |
| HK ¢ $^{\text {BKX }}$ | 21350／1730／Nov |

## FORTY／EIGHTY DESK

| 13 N | 7012／2240／Nov | 2 m | KS6DH | 7080／0500／NOV | 1 m |
| :---: | :---: | :---: | :---: | :---: | :---: |
| CO2DR | 7009／0410／Nov | 2w | KV4FZ | 7160／1050／Nov | 2 e |
| CO60F | 7031／0125／0ct | 30e | KP4TW | 7020／1140／Nov | 3 e |
| C86TM | 7035／0410／Nov | 6 m | KX6BU | 7090／0745／Oct | 27 kv |
| C07CD | 7047／0215／Nov | 1 e | KV4FC | 7160／1040／Nov | 2 e |
| CT19N | 7004／2240／Nov | 2 m | K25PW | 7080／0500／Nov | 1 m |
| DM4WEF | 7033／0200／Nov | 3 e | OE3HZG | 7035／0140／Nov | 4 e |
| FK8KAA | 7006／1500／Nov | 4 e | PY7BXC | $7006 / 0405 / \mathrm{NOV}$ | 2w |
| HA1姆HS | 7035／0125／Nov | 3 e | SVめWTT | 7010／0250／Nov | 6 e |
| ITH2WF | 7031／0135／Nov | 3 e | TI2CF | 7010／1110／INov | 3 e |
| HITRRM | 7011／0130／Oct | 30e | VK2BM | 7089／1040／Nov | $2 e$ |
| IT9RMH | 7024／0355／Nov | $2 e$ | VK2SA | 7016／1150／Nov | 2 e |
| CN88CG | 3797／0710／Nov | 7 e | HKøBKX | $3778 / 0240 / \mathrm{Nov}$ | 7w |
| CT2AK | 3778／0350／Nov | 7w | I¢AMU | 3790／0540／Nov | 7 e |
| DJØFX | 3510／0435／Nov | 5 e | I8FTF | $3794 / 0600 / \mathrm{Nov}$ | 7 e |
| DM3VOO | 3512／0500／Nov | 4 e | KG4CB | 3791／0630／Nov | 1w |
| DK1NL | 3502／0210／Nov | 4 e | KS6DH | 3785／0520／Nov | 1 m |
| Eabcr | $3788 / 0625 / \mathrm{NOv}$ | 6w | KV4FC | 3810／1040／Oct | 31e |
| F2MO | 3794／0555／Nov | 7 e | Kz5PW | 3785／0530／Nov | 1 m |
| F6BKW | 3780／0500／Nov | $2 e$ | ONSTW | 3778／0500／Nov | 2 e |
| G3GKA | 3786／0705／Nov | 4 e | PZ1CQ | 3529／0430／Nov | 6 m |
| GM3TSC | 3767／0630／0ct | 28 kv | TI2WD | 350 ／0155／Nov | 4 e |
| GVIGGW | 3771／0550／0ct | 28 kv | TU2DO | 378：＇0620／Nov | 6w |


| VP2EN | $7005 / 2230 /$ Nov | 2 m |
| :--- | :--- | :--- |
| VP2MQB | $7088 / 0945 /$ बct | 30 e |
| VP2VAN | $7224 / 1110 /$ Oct | 30 e |
| VP2GBI | $7155 / 1050 /$ Nov | 2 e |
| YV1AD | $7005 / 1125 /$ Nov | $3 e$ |
| ZF1SB | $7025 / 1140 /$ Nov | $4 e$ |
| ZI4NH | $7077 / 1115 /$ Nov | $3 e$ |
| ZM3DR | $7014 / 1140 /$ Oct | $30 e$ |
| 4K1D | $7005 / 0115 /$ Nov | $4 e$ |
| 8P6BU | $7020 / 1100 /$ Nov | $3 e$ |
| 9G：HEE | $7004 / 0520 /$ Nov | $3 e$ |

UAめFGM 3622／1300／Tues
VP2EN $3794 / 0550 / \mathrm{Nov} 7 \mathrm{e}$
VP2LI 3810／1040／Oct 31e
ZD7FT 3788／2240／Nov 3kv
ZF1GC 3776／0100／Nov 4kv
ZE1JA 3788／0505／Nov 1w
ZF1AK 3787／0340／Nov 4e
ZK2BD 3786／0645／Nov 3w
736DW 3779／0330／Nov 5w
8p6aU．3790／0020／Nov 9kv
9G1 HE

REPORTS FROM RED EXED IOUIE

| AFRICA...CW |  |
| :--- | :--- |
| EABGU | 2105 |
| EI2DK | 1402 |
| FB8XA | 2101 |
| FR7AX | 1400 |
| ASIA...CW |  |
| A51NN | 1403 |
| JATES | 1402 |
| JF1XPU | 14040 |
| EUROPE...CW |  |

DJ4TR $14027 / 1620 /$ Nov 5
DK6NC 21:25/1220/Nov 2m
EA6BD $14035 / 1930 / \mathrm{Nov} 6 e$
F2KX $14038 / 1710 /$ Nov 1w
F6ARC 21025/1630/Nov 1w
GW4BJE 14035/1920/Nov 6e
IIA5KBO 14043/1600/Nov 6e
$\begin{array}{lll}\text { FIA5KRL } & 14039 / 1550 / \text { Nov } & 22 \\ \text { FABKBE } & 14027 / 1600 / \text { Nov } & 5 \mathrm{w}\end{array}$
JW1SO 14004/1250/Nov, 2e
EISENHERES...CW

| CX2CA | $21107 / 1245 /$ Nov | 3 m |
| :--- | :--- | :--- |
| TP2/C02 | $14050 / 1655 /$ Oct | 28 m |
| FG7AL | $14037 / 1340 /$ Nov | 2 m |
| HC1GC | $14024 / 1215 /$ बct | 28 m |
| HI3PC | $14036 / 1530 /$ Oct | 31 e |
| LU1DSE | $14055 / 2305 /$ Nov | 6 m |
| LUTBN | $14030 / 2215 /$ Nov | 2 m |

## AFRICA...SSB

| CCY | Nov |  |
| :---: | :---: | :---: |
| CR4BS | 21309/1750/Nov | 1 e |
| CR4BS | 14330/2350/Nov | 5w |
| CR60R | 21351/1905/Now | \# |
| CR6, ${ }^{\text {a }}$ | 28585 |  |
| CR'JA | 21299/1830/19 | 1w\% |
| CR $\mathrm{CH}^{\text {H }}$ | 28570/1540/Nov | 4 e |
| CRTAF | 21330/2020/Nov | 2 |
| CRTCM | 28540/1610/Nov | 4 e |
| CNBCG | 14330/0000/Nov | 6w |
| EABJJ | 21355/1855/Nov | 4 e |
| EA8CR | 14224/1650/Nov | 1 kh |
| ELPF | 21295/1755/N8i | 3w |
| ELLCY | 14231/2335/Nov | 3 e |
| EIS 3 H | 14219/2055/Nov | 2 e |

ASIA...SSB
A6XP $14224 / 1600 /$ Nov $1 \mathrm{w} \#$ JG1BUB $21264 / 0100 / \mathrm{Nov} 4 \mathrm{w}$
HT9VM $\because 21312 / 2300 / \mathrm{Nov} 3 \mathrm{w}$ JY9GR $14215 / 1415 / \mathrm{Nov} 1 \mathrm{w}$
HM1GN :21.312/2300/Nov 3w KA.1BL $21370 / 0050 / \mathrm{Nov}$ 2e

UP! lig! my friend and clear your looks, Why all this toil and trouble?

GMBIR
CAMBODIA
BHUTAN
KAMARAN
BAJA NUEVO
VS5 ACTIVITY
CQ WW TEST
ARKANSAS DX MEEP
ARRI 160mtrs
WORLD DX TEST

OH2BH signing ZD3X from November 19th to 25 th. .
XU1AA by the W6-Group and Friends possible in mid=week
A55KV by W6KNH and VU2KV about December 28 th
VS9K . 60 oNovember $-24 / 25$ th
HKфAA last part of Decenber....
November 17/18th.....all hands/all modes/all VS6s.
C.W Go-round. ....Novembe. 24/25th.....Prepare

At the Trade Winds Hotel in Ft. Smith.... December 8th. December $8 / 9$ tir
World Chanpion Competition..lst Contest... lasts all yaar..From Jan 1..

AVES?? A month or two back we reported twat XV8AL might be heard from ives during September, this being a station with a scientific group there to study the turtles. The group did make a stay on Aves, weighed, measured and tagged a goodly number of green sea turtles, had to leave temporarily when Hurricane Christine threatened and returned to the Virgin Islands where the group which cooperated in the study, the Island Resources Foundation, is headquartered at Harns Lagoon Marina. The study was in cooperation with the Fundacion la Salle of Venezuela. They were there but.....unfortunately.....we came across no reports of contacts with YV8AL on Aves.
SOUTH SANDWICH There is interest and something may develop and a second group is investigating the possibilities. In a previous article we mentioned it as VP8-South Sandwich but should it be an Argentine effort it will have a LUU-Z call, both of these countries indicating a proprietary interest in the islands.
Anyhow, there presently is a research vessel in Buenos Aires for some repair and maintenance work and one faction is checring into the possibility of transportation to the South Sandwich area. Any action will have to be in the next couple of months as their sumer will be starting in another five weeks or so and then Fall should come about three months later....this year around March 21st.e.give or take a day or two.
BOUVEP Something seens to be still stirring on this possibility and sone of the indicators are that soracthing in connection with the Weather Station that South Africa got pernission to build a few yours back may be developing. Rather than rehash all the previous reports, at this point all that will be said is that the possibilities seen to be still alive and with patience you may yet get to hear a 3Y-Station from: Bouvet. There is one report that a surrey party out in the area recently came back with the report that even a helicopter $k$ ght find difficulty in landing on Bouvet and that initially it would seem that beth personnel, equipment and supplies will have to be lowered from any helicopter farrying to the island. MADISON ELECTRONICS SUPPIX 1508 McKinney Ave., Houston, Tex. 77002 (713) 2242668 Nights/Wcekends ... . (7.3.) 4975683 USED GEAR AIl Itens Guaranteed. Shipped FOB Houston a Write for quotes...... COLLINS 75 Á4 (clean) $\$ 345.00$. $75 S 1 /$ filters/n。b。 $\$ 450.00 \quad 312 B 44200.00$
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$\triangle R R T$ On October 25th，the FCC released a notice of inquiry asking suggestions for Amateur Satellite service rules．Six amateur satellite stations have been launched since Oscar I in 1961，each had waivers from the FCC by special actions as needed。 At this time the FCC seems to be concerned about the $435-438 \mathrm{mc}$ area which in the allocation tables the amateurs share with radiopositioning，this latter needing pro－ tection from harmful interference．The FCC is also asking comments on types of stations，requirements for stations and privileges，licensing processes；classes of license necessary，technical standards，telecomand and telemetry requirements， cmission，identification and logging requirements．Comment deadine is January 7th of next year．

CONTEST WRAPUP PJ9GIW manned by the Atlanta Radio Club operatiors scored about $11, \overline{400,000}$ points in the CQ WW phone test，operating in the multi－multi category． They expect to be high in the finals．QSLs go to K4BAI．
WB4NXR／VP7 made about 550 QSOs on ten meters－－single operator and ZFYGW／VP7 made some 2924 QSOs．．．．．almost 1300 on 15 mtrs．This was a single transmitter／multi operator effort．Fred Laun，LU5HFI，rade 3098511 points．．． 75 countries on $10 \mathrm{mtrs} / 72$ on $15 \mathrm{mtrs} / 87$ on twenty meters．This was a single operator effort．He could only find 3 on 160mtrs．VP2M made 5100 wSos in the test．osingle trans／rulti operator TNI to W1AM，WA2AUB，K2BT，W2FPM，WZOVC，W3CDL，W3USS，K3ZOL，W4BEB，W4EH，W4HU，W4KA， WB4SIJ，WB4TAF，W4TUC，W4UF，W5ALA，K5FID，W5KGJ，W50SJ，W5UBW，W6APM，W6BJI，W6GVM， WGDIN，K6KA，WOKNH，WGKYA，WGMI，W6SE／人，WGTSQ，W6TTS，K6UET，K6UUS，K6WR，ACE， K7NEG，W7YR，WTYTN，W8BQV，W8IBX，W9ZTI WØDAD／KH6，WøJRN，WØNDX，KITHSA，KV4AMM， IKV4FZ，G3REG，JAめCUV／1，HS4AGN，OH2BH，JHGS／NP7．

WEST COAST DX BULIETIN Published every week by the Marin County DX Group．One of the local QRPers cane by last week and we talked of a number of things．We got to telling hin about ZI4CA who was on twenty cow．l st week．＂You know＂，we said，＂hie was first licensed in 1917＂．This bit of information fell awful flat as the kRPer could not： extend his perspective that ar into the past．We tried but he could not geterit． Finally we said：＂You know，he was licensed long before you could buy sliced bread at the grocery＂．This hit him．＂You mean that bread did not always come sliced！＂． he asked and we knew that we had lost again。 For many，all things begian when they gained awareness and for $\$ 9.00$ a year you can be aware of what you missed in DX．．． $\$ 10.50$ bringis it by airmail．Sooner or later most will find out that to make a point you＇ll have to relate to something to eat．．．
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