



PACK RATS

CLUB CALL: W3CCX

MT. AIRY VHF RADIO CLUB, INC.

PACK RATS

CHEESE

BITS



MT. AIRY VHF RADIO CLUB, "THE PACK RATS", PHILADELPHIA, PA. W3CCX
NET FREQUENCIES: 50.150, 144.150, 222.125, 224.58/222.98, 432.110, 903.100, 1296.100 MHz
AFFILIATED CLUB: AMERICAN RADIO RELAY LEAGUE ARNS

Meetings: Third Thursday of each month at 8:00 PM
Southampton Free Library, 947 E. Street Road
Southampton, Pennsylvania 18966

SCANNED TO PDF BY BERT, K3IUV, 2013

VOLUME XXXVII

January 1995

Number 1

THE PREZ SEZ

If you need a good boost to get into motion for January, chances are you got it at the December meeting! Al, N3ITT, our January Contest Chairman along with several of our "top guns" put together an informative contest meeting packed with operating strategies. Whether you are an experienced VHF op, or just a newcomer, you were certain to walk away with a few new ideas on successful operating habits. At this time I know lots of us are busy getting those last station improvements in place, but take some time to think about how you're going to operate the contest - look over last year's logs and set a few operating goals for yourself. How many grids do you expect to work on each of the various bands? All of us have "favorite" bands and modes we like to operate but probably at the expense of working other bands. Find a balance between them and do the best you can. Think about what score you think you can accomplish. Remember, your maximum possible score is necessary for us to win this competition. All Packrats share the work and all Packrats share the gavel.

Our January meeting will be a good time to unwind before the big weekend. Gary, WA2OMY, has a good program planned with some very good items for the Mario Raffle table. CU there!

73, Paul Drexler, WB3JYO

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DEADLINE FOR ARTICLES AND SWAP SHOP IS THE MONTHLY MEETING DATE. NON-COMMERCIAL SWAP SHOP ITEMS-FREE OF CHARGE.

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PACKRAT 222 MHz REPEATER - W3CCX/RPTR

222.98/224.58 MHz, Churchville, PA


OFFICERS: 1993-1994

PRESIDENT: WB3JYO, Paul Drexler
VICE-PRES: WA2OMY, Gary Hitchner
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TREASURER: WA3JUF, Dave Mascaro
COR. SECR: N3AOG, Dick Comly
DIRECTORS: WA3AXV, Ron Whitsel (1 YRS)
WB2YEH, Bob Fisher (1 YRS)
N3ITT, Alan Sheppard (2 YRS)
WA3NUF, Phil Migulez (2 YRS)

	<u>MONDAY NIGHT NETS</u>		
<u>TIME</u>	<u>FREQ.</u>	<u>NET CONTROL</u>	
7:30 PM	50.150 MHz	K3EOD	
8:00 PM	144.150 MHz	W2EIF	
8:30 PM	222.125 MHz	WB2YEH	
8:30 PM	224.58R MHz	K3ACR	
9:00 PM	432.110 MHz	WA3AXV	
9:30 PM	1296.100 MHz	WA3NUF	
10:00 PM	903.100 MHz	N3AOG	

COMMITTEE CHAIRMEN

LADIES' NIGHT: WA3YUE 610-630-1875
JUNE CONTEST: WB3DNI 215-672-5289
HAMARAMA: WB3JYO 609-538-1687
VHF CONFERENCE: KB3XG 610-584-2489

THE AMERICAN RADIO RELAY LEAGUE**OST**

HUGH A TURNBULL, W3ABC
Director, Atlantic Division

6903 RHODE ISLAND AVE.
COLLEGE PARK MD 20740

(301) 927-1797

1-302-478-2737

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WILMINGTON, DEL. 19803

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Illustration

Production

Lynne D. Whitsel

209 Frog Hollow Road
Churchville, PA 18439
215-355-5730

Calendar of Coming Events -January 1995

Jan. 1995

- 1 New Years Day.
- 4 Predicted peak of the Quadrantids meteor shower at 0052 UTC.
- 12 Board of directors meeting at the QTH of Ernie, W3KKN. All interested parties welcome. For directions call 215-659-3485. Meeting starts at 8:00 P.M.
- 14 Harrisburg Hamfest at the Oberlin FC Social Hall, exit 1 off I-283, 1 mile N on PA 441. TI on 147.76.
- 15 Metro 70 cm Network Giant Electronic Fleamarket at Lincoln HS in Yonkers NY. TI on 440.425 and 146.310.
- 16 Martin Luther King Jr. Day.
- 14 Dutch Country Computer and Communications Show at the Lancaster Host Golf Resort and Conference Center on Rte. 30 between Lancaster and Ronks, Pa. TI on 146.715.
- 20 Regular meeting of the Mt. Airy VHF Radio Club at the Southampton Free Library on Street Rd. in Southampton, Pa. All VHFers and would be VHFers and friends are welcome. Last minute tune-up session in preparation for THE contest.
- 21-22 THE CONTEST. Everyone's help in getting at least 51 logs submitted this year is necessary to qualify the club for the Unlimited Class in the club competition. See Dec. QST page 119 or consult your contest package for the rules.
- 29 Maryland Mobileers ARC Post Holiday Swapfest at Odenton Vol. Fire Dept. Hall in Odenton, Md. VE Exams. TI on 146.205/.805
- Feb ? Contest Log Wrapup Session. Date and Place to be announced. Get your signed lcontest log to your contest coordinator. The location will be announced on the monday night nets.

UPCOMING PROGRAMS

By: Gary, WA2OMY

January: Station Slides, Photos
February: Contest Crying Towel Session
March: Annual Homebrew Night

More Recent 50 MHz Es Events

By: Herb, W3IWU

In an attempt to uphold the honor of the Eastern USA, the following sketchy 50 MHz info is forwarded. I have used 6-place grid locator since in many cases propagation was very localized with stations 15-20 miles distant experiencing different conditions.

- 24 Dec. 0015-0130 LA, MS
30 Dec. 1630-0420 GA, FL, LA, MS, AR, Cuba, Cayman Is., Bahamas
31 Dec. 2115-0600 CA, NV, AZ, VE1, VE9, ME, NH, MA, VE2

My European friends have also reported the following - specifically from IO83OR:

- 26 Dec. 1230-1330 Video from NE, OH1 beacon, ES5MC, several SMs
28 Dec. 1030-1900 SM, LA, OH, ES, OZ, DL, OE, SP
29 Dec. 1900-2000 DL, IO
01 Jan. 1500-1900 SP, ES, YL
02 Jan. 1620- OK, OM no details

One common report is that we've all experienced LONG openings during this period - up to 12 hours. 73, Herb, W3IWU

TEMPERATURE COMPENSATION FOR CRYSTALS

by Dave Mascaro, WA3JUF

Since my Hints & Bits article in June 1994 CB, several homebrewers have asked questions about ovens and thermistors. Which unit is easiest to use? How are they are wired into an existing unit? Does something as simple as a thermistor really work?

Why is temperature compensation a concern? The frequency of your transverter's LO can drift many KHz when you go roving or during seasonal temperature changes in your basement. Few Amateurs think about the temperature drift of their transverters or commercially made transceivers when they take the equipment out to the field. I measured a 75 KHz shift on the non-ovenized LO of a 10 GHz transverter. Reducing (if not eliminating) the frequency variable when working a weak station is very significant.

The easiest, cheapest and fastest way to temperature compensate a crystal is to use a PTC thermistor. The leaded thermistor KC004P is \$2.31 from Digi-Key (800-344-4539) and can be added to any crystal circuit in 10 minutes. The unit is connected directly to 12 volts dc. The Yaesu G9090019 thermistor comes with it's own holder that slides over an HC-25/U crystal. The number for Yaesu USA is 310-404-2700.

First, quickly unsolder one lead of the thermistor without damaging the metalization. Solder tin the side of the crystal. Solder the flat side of the thermistor to the crystal case. Solder the remaining lead to the +12 volt line. Solder a small gauge wire from the case of the crystal to dc ground to complete the dc path. The thermistor is nominally 50 ohms at 25 deg C, so it draws several hundred milliamps for a short while, then settles down to an idling current < 30 mA when it reaches it's operating temperature.

I found the 60 deg C unit to be hot enough, even for the temperature excursions my equipment sees in the attic. Even in winter the crystal temperature stabilizes after about 5 minutes, instead of drifting for hours. Adding a small styrofoam or insulated cover over the crystal will further stabilize the frequency.

Don't get hung up on netting crystals to an exact frequency. Adding a heater will age the crystal in addition to moving it's frequency, so allow the transverter to stay on for several days to complete the aging process. You may not be able to pull it back to the original frequency with the crystal trimmer. You can either make a note of the exact frequency and use it that way. Or figure out how far the heated crystal moved, and order another crystal based on that frequency delta and heater temperature.

I have added thermistor compensation to several SSB Electronic transverters which all adjusted back to the original frequency. The thermistors work great on reference crystal oscillators for PLL sources. Adding the \$2.31 thermistor to a DEM no-tune transverter produces a rock solid LC that won't budge even in the hot sun.

GAMMA RAY FLASHES IN ATMOSPHERE MORE COMMON THAN THOUGHT

NASA Press-RELEASE, 07 Dec. 94

Scientists at NASA's Marshall Space Flight Center in Huntsville, AL, are observing rare gamma ray flashes above thunderstorms at a rate six times that of previous observations. The observations are being made by the Burst and Transient Source Experiment aboard NASA's Compton Gamma Ray Observatory which was recently modified by ground commands to be more sensitive to the events. "The high rate of occurrence of these gamma ray events suggests the presence of a little understood, but significant phenomena that will have impact in many scientific fields," explained Dr. Steve Goodman of Marshall's Space Sciences Laboratory. "We're especially looking forward to the opportunity to bring together investigators from the fields of space and atmospheric physics to study these newly discovered events." Scientists previously observed gamma ray flashes above thunderstorm activity about once every six weeks. Now, they are observing such gamma ray events weekly. The first indications of gamma ray flashes above thunderstorms were detected by the Burst and Transient Source Experiment earlier this year. It is suspected the gamma ray flashes come from a rare type of powerful electrical discharge, similar to lightning, above large thunderstorm regions. The observed flashes are very brief, lasting only a few thousandths of a second. In the past two months most of the observed gamma ray flashes have occurred near the equator, primarily over regions of South America and the East Indies known to have high thunderstorm activity.

These recent observations have been confirmed by other instruments on the Compton Observatory. The gamma ray observations from the Earth's atmosphere and their association with thunderstorms is a complete surprise to scientific investigators. It is suspected the gamma ray events may be related to faint, but visible electrical discharges observed and reported recently high in the stratosphere above thunderstorms. The new observations were presented at a meeting of the American Geophysical Union in San Francisco today by Dr. Steve Goodman. The Compton Gamma Ray Observatory is managed by NASA's Goddard Space Flight Center in Greenbelt, MD, and the Burst and Transient Source Experiment is managed by Marshall.

SWAP SHOP

(send all ads to the editor)

FOR SALE: 1296 Power Amps, 250 watts to 750 watts, 2, 4, and 6 tube cavitiss using water cooled 7289, 8907 or single tube cavities using TH308, 328, 338 or water cooled Y730. Call or write to Tom Dinyovszky, KB2AH, 405 Union Lane, Brielle, NJ, 08730, 908-223-5067.

Having recently ventured into the world of 6 meter FM I needed a simple, light weight antenna that I could mount at the top of an antenna mast. The Ringo vertical was the first thought, but this a relatively large antenna to mount on the end of a 15 foot mast with other rather large antennas already installed. I needed something lighter and smaller.

The 6 meter FM crowd often use unmodified 5/8 wave two meter antennas for mobile installations. I don't quite know why this works, but apparently it is used quite often and seems to do the job. The logical extension of the thought process is to use a 5/8 wave 2 meter base style antenna for 6 meter tower installations. Actually, it really defies all logic if you look at the base matching network of the typical 5/8 wave 2m vertical. However, there is a way to make at least one manufactures model work very well as 1/4 wave antenna for 6 meters.

I purchased a Comet Model CA-ABC21 5/8 wave GP vertical antenna which is a fairly well made unit with ground radials and a universal mount that will fit just about any mast size, including 2 inch. The unit is a bit pricey at about \$50.00, but it does provide a quick and dirty way of getting on 6 meter FM. By the way, the Japanese seem to have problems with SO-239 connectors. Something was lost in the translation for I had to remove some material from the bottom of the connector to make a standard PL-259 screw on. But it can be made to work with Mr. File.

I tried the antenna on 6 meters without modification and could not find a match anywhere in the 6m band. This was not entirely unexpected because these antennas have a base loading coil that is fed 1 to 2 turns up from the ground end and are obviously made to match 2 meters. However, the length of the whip part of the antenna approaches a 1/4 wave in the 6m band. The solution was to remove the ground connection from the matching network and thus form a base loaded 1/4 wave antenna. The slight loading by the remaining coil turns resonated the unmodified whip at about 52 MHz (VSWR 1.1:1). The VSWR was less then 2.0:1 across the whole band. Following is the simple modification for this particular antenna, but the basic idea could be applied to any similar antenna that allows you to get at the matching coil without destroying the antenna.

The SO-239 connector can be screwed out of the base if you remove the single set screw that keeps it from rotating (metric set screw, of course). Carefully grasp the threads of the connector with pliers to aid in its removal. (Note how far the connector was screwed into the body before you remove it. This will make sure you don't screw it in too far when you replace it.) Once unscrewed you will have the entire matching coil and connector assembly in one piece. Find the place on the coil where the feed cable is tapped on to the coil; about 2 turns up from the ground end. Simply snip the coil on the ground side of the tap and at the ground end where the coil is attached to the connector body. That's all there is to it. Screw the assembly back into the body of the antenna. Be careful not to go too far and damage the split brass post that makes electrical contact with the whip part of the antenna. Replace the set screw and complete assembly of the antenna according to the original instructions. The radials are of course too short for 6 meters, but the antenna seems to work just fine. It doesn't work bad on the low end either. CQ CQ No lids, No Kids, No Space Cadets. SK

NEW 144 MHz RECORD

From: wlaw@arrl.org Organization

A new tropospheric ducting, continental distance record has been reported on the 144 MHz amateur band. On November 5, Rene Shaw, WB4MJE, of Big Pine Key, Florida, and Serge Szpilfogel, VE1KG, of Halifax, Nova Scotia, worked over a 1687 mile path. The previous record was 1468 miles, set by K5WXZ and K1RJH, and had stood since October, 1968. WB4MJE is crucially located for this work at the southern tip of the Florida Keys. This information comes from AJ Ward, WB5LUA, who maintains VHF and UHF North American distance record information for QST's "World Above 50 MHz" column. Records on bands from 144 MHz to 678 THz are published in April QST each year.

VE3ONT UPDATE

Summary of the VE3ONT 2m EME operation from the Algonquin Radio Observatory (ARO) 46m dish.

Only the second weekend Nov. 26/27 was operated (2 moon passes with reduced operating time due to 9 degree horizon limit on moonrise and set). 2 meters only - 299 contacts with 52 multipliers. It is interesting to note that 107 of these contacts were not found in any EME database and lead us to conclude that they are stations completing their FIRST EME contact. By request, the complete log should follow within a few days. Conditions were poor due to K inicies of 5 and 6 which caused serious signal degradation and made copying small stations very difficult.

Thanks to all who worked / copied us!

73 de VE3KDH, VE3VD, VE3ASO, VE3BFM, VE3CRU, VE3DSS, VA3LK, VA3MW, W9IP.

Special thanks to the Institute for Space and Terrestrial Science. Hope to work you again next year with an expanded operating curriculum.

-Kevin D. Hobbs, VE3KDH in Grid FN03ci

A couple of months ago I wrote a little article on the input tuning problems that sometimes occur with the venerable Fair Radio amplifiers. Since then another problem area has been observed on an amplifier used on 220 MHz by the "Cyclone of Doylestown" (Mr. DQZ). Erratic input tuning is once again the symptom. It may also be your problem.

The input circuit has a 'pedestal' inductor that turns out to be made in two pieces, joined in the center by threaded stud. Over time this connection can work loose or, more likely, become resistive by the build up of corrosion. This will cause the inductor to change effective length and become non-resonant. "Flaky" or no input tuning is usually the result. Sometimes a check with an ohm meter will reveal the problem (pedestal should be ground), but the only sure way to check it out is to disassemble the unit and clean the threaded joint. This is not a simple task and requires the complete removal and disassembly of the grid circuit. It is removed by the same procedure that you would use if converting an amplifier to 432 MHz. A little anti-corrosion compound, such as that used by electricians on aluminum house wiring, should prevent future problems.

The procedure to convert one of these amplifiers to the ham bands have been written up many times in past literature. In a future article I will revisit the entire 432 MHz conversion process. In converting about a half dozen of the amplifiers to 432 MHz I have learned what works and what doesn't. All the modifications are scattered from many sources and need to be gathered into one place. Incidentally, Fair Radio has a fresh supply of these amplifiers.

2400 MHz COMMENTS FILED

From ARRL Headquarters

The ARRL has filed comments on an FCC notice of proposed rulemaking, in ET Docket 94-32, a proposal to reallocate a block of spectrum from federal government to commercial use. Some of that block includes parts of the 2400 MHz band shared by Amateur Radio on a secondary basis with the government. The ARRL asked that the Amateur Service be given primary allocation status at 2402 to 2417 MHz, and that it be given at least co-primary status at 2390 to 2400 MHz. The League also said that because a previous government study had recommended the 2400 to 2402 MHz segment for amateur use, it would be desirable to make the entire segment 2390 to 2450 MHz amateur primary. The ARRL also said, in a 29 page Comment, that any fixed or mobile service station that is granted an assignment at 2390 to 2400 MHz, "must be" required to protect the Amateur Service from interference and must tolerate any interference received from amateur stations. The League requested that the FCC not make any additional allocations in the 2390 to 2417 MHz band and, instead, grant Amateur Radio primary allocation status in that band. More information was in January, 1995 QST, page 91. The reply comment deadline in this docket is January 3, 1995

TID BITS

Dave Meier, N4MW, recently moved to the Richmond Va. area and now has his 2 meter beacon up and operating from New Kent, Va. in FM17KN. It rubs 30 watts to a M² Squared Loop at 20 ft. on 144.280 MHz. It operated continuously except when Dave is operating. He hopes to have his 6 meter beacon up soon. In Memphis, Dave had beacons up through

The last issue of 2-meter eme NEWS under the editorship of John, K0IFL, has ended with the new editor being Doug, W2CRS. Doug is accepting subscriptions at PO Box 5646, Woodland Park, CO, 80866 for \$14.00 US, \$16.00 Canada, and \$20.00 (airmail) DX. The Dec. issue included a list of Initial (number of different stations I believe) QSO's by stations on 2M EME. It is interesting that W5UN has 1854 initial QSOs using 48 yagis. What is more interesting is what one and two yagi stations have accomplished. PA0JMV has 422 QSOs with 2 yagis, OZ1HNE has 174 QSO's using 2 yagis, VE1KG has 101 with 2 yagis, W2RS has 35 QSOs with 1 yagi, and K1FJM has 24 with 1 yagi. A lot of us have the capability, why don't we give it a try?

The Oct/Dec issue of the NTMS newsletter, Feed Point includes articles on a 400 Hz, 120 VAC Power Supply by Ron, W9ZIH and Variable Bias Supplies for Grounded Grid Power Triodes by Al, WB5LUA. The Dec/Jan issue included thr WA7CJO 1/2 Wave Coaxial Cavity Low Noise Preamplifier (903 and 1296 MHz versions) by WA7CJO and a 1296 MHz Post Amp for No-Tune Transverters by Greg, AA5C. It includes artwork.

CHEESEBITS SUBSCRIPTIONS

Cheesebits subscriptions are available to everyone interested in activities and information from the VHF through the microwave frequencies. Subscriptions are for 1 year of 12 issues. For a subscription, send the following information:

Name: _____ Call: _____

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January 1995

Send to: SUBSCRIPTION/ADVERTISING MANAGER:

Bob Fischer, WB2YEH

7258 Walnut Avenue

Pennsauken, NJ 08110

By: Al, N3ITT

As I sit down to write this article, I'm just defrosting from climbing down from Doc's (W3GAD) tower on what I hope was the last antenna job for the season. I hope everyone got most of their antenna work done by now and are almost ready for the contest, I'd like to thank Don, N3OZO, and others who got out in all kinds of weather to help other Packrats with tower/antenna projects. Also, special thanks to Gary, WA2OMY, for the use of his QTH and his time to help many of us on various projects. One thing that really has impressed me on my first try at contest chairman has been the way club members have helped each other getting ready for this year's contest. Enthusiasm for the contest has terrific with many members improving their stations, or helping others to do so.

As most of you are aware of, the club is offering a special award this year for any non-member who works the most Packrats (most QSO's - not points). Everyone that submits a log to the club for this award will get a certificate with the plaque going to the winner. Entrants must also submit their log to the ARRL! Talk this up when you are on the bands, or to members of other clubs.

Remember, it's still not too late to try to make those last minute improvements that may help your score! Don't hesitate to call me if you need some help or see the "help" list you got with your questionnaire. Fire up that equipment and get on the bands, see if that stuff still works and maybe make some skeds. Well, that's about it for now, in closing I'd like to thank Phil, WA3NUF, and Dave, WA3JUF, and others who gave me tremendous help in doing the job as contest chairman.

Best wishes for the New Year. CU in the contest. 73, Al, N3ITT.

Pack Rat January Contest Award

By: Bob, WB2YEH

ATTENTION NON-MEMBERS: Pack Rats Announce the 1st Annual January Contest Award. This year as an incentive to increase contest activity in our area, the Pack Rats will sponsor a special award to be given to the station that works the most Pack Rat QSO's on all bands in the January VHF Sweepstakes contest. For example, if W3ABC works WA3AXV on 6m, 2m, 222, 432, & 1296 and also works WA3NUF on 6m & 2m, he would have a total of 7 Pack Rat QSO's.

Please submit a copy of your log with Pack Rats worked indicated for verification to Bob Fischer, WB2YEH, 7258 Walnut Avenue, Pennsauken, NJ 08109.

Deadline for logs will be 30 days after the contest. **DO NOT MISS** this opportunity. This handsome award will be something that any ham would be proud to display in his or her shack and will be of real value as a keepsake. All participants submitting logs for verification will receive a certificate suitable for framing. Members of the Pack Rats are not eligible for this award.

Check-off list for Pack Rats to look for in the January 21-23, 1995 VHF SS

CALL	NAME	BANDS USED	CALL	NAME	BANDS USED
KU3A	BILL	6-2 432	N3ITT	AL	6-2-222-432-903-1.3
WN3A	JEFF	2-222	K3IUV	BERT	6-2-222-432 1.3
K3ACR	RICH	6-2-222	WA3JUF	DAVE	6-2-222-432-903-1.3-2.3-3.4
W3AJF	DEAC	2-222	WB3JYO	PAUL	6-2-222-432-903-1.3-2.3-3.4
N3AOG	DICK	6-2-222-432-903-1.3-2.3-3.4	WC2K	RICK	6-2-222-432 1.3
WA3AQA	WALT	6-2-222-432	W3KKN	ERNIE	6-2-222-432-903-1.3-2.3
WA3AXV	RON	6-2-222-432-903-1.3-2.3-3.4	WB3KRW	STEVE	6-2-222-432-903-1.3
K3BPP	WALT	6-2-222-432 1.3-2.3	K3LOM	HARRY	6-2-222-432
WDSBRP	DAVE	6-2-222-432	K3MFI	BILL	6-2-222-432 1.3
N3CX	DAVE	6-2-222-432-903-1.3-2.3-3.4	K3MGB	DON	6-2-222
W3CXU	JOHNNY	6-2-222-432 1.3	WA3NFV	DAN	6-2-222
N2DEQ	MIKE	2	N3NGE	LEONARD	MULTI-OP W/ N3CX
K3DMA	JOHN	6-2-222-432-903-1.3	W3NSI	LYN	2-222
WB3DNI	PAT	6-2-222-432-903-1.3-2.3-3.4	WA3NUF	PHIL	6-2-222-432-903-1.3-2.3-3.4
N3DOZ	JACK	6-2-222-432 1.3	AK3O	FRANK	6-2-222-432-903-1.3-2.3
K3EBZ	JIM	6-2-222-432 1.3	WA2OMY	GARY	6-2-222-432-903-1.3-2.3-3.4
WA3EHD	JIM	6-2-222-432	N3OZO	DON	2-222-432 1.3
W2EIF	JOE	6-2-222-432-903-1.3-2.3	WR3P	RALPH	6-2-222
K3EOD	AL	6-2-222-432-903-1.3	K3PHY	WIL	6-2-222 903
K3ESJ	BILL	6-2-222-432-903-1.3	K1PXE	PETE	6-2-222-432-903-1.3
K2EVW	RICHARD	2	K3SQM	RON	6
N3EXA	BRIAN	6-2-222-432-903-1.3	W3RSJ	BILL	6-2-222-432-903-1.3-2.3-3.4
W3GAD	DOC	6-2-222-432	WB2RXM	CARL	2-222
WA2GFP	GEOFF	2-222	N2SB	BOB	6-2-222-432-903-1.3-2.3-3.4
N3GSA	SCOTT	2-222-432-903-1.3	K3VEQ	JOE	6-2
W3GXB	BOB	6-2-222-432-903	K3VIT	TOM	6-2-222-432 1.3
W3HFX	HAL	6-2-222-432-903-1.3	WB2VLA	DAVE	6-2-222-432
W3HK	GEORGE	6-2-222-432	KB3XG	JOHN	6-2-222-432-903-1.3-2.3-3.4
W3HMU	TONY	6-2-222-432	WB2YEH	BOB	6-2-222-432-903-1.3-2.3-3.4
W3HOT	BILL	6-2-222-432-903-1.3-2.3-3.4	WA1YHO	GARY	6-2-222-432-903-1.3-2.3
WA3IAC	CHUCK	6-2-222-432-903-1.3	WA3YUE	BRUCE	6-2-222-432-903-1.3
KB3IB	GENE	6-2-222-432-903-1.3-2.3	WB2ZAR	DAVE	6-2-222-432-903-1.3
W3IIT	HARRY	6-2-222-432 1.3			

Hi There, I will be doing a Serious Grid Rove expedition for the January VHF sweepstakes the weekend of January 21/22. The reason it will be serious will not be for score but to make sure that I spend as much time in the grids as possible and allow all who need it to work it. The order of the rove will be FM15-FM25-FM26 then either FM16 or FM27 and possibly ending with FM28 in Delaware. I will be running at least 100 watts per band and 400 on 2m. The bands will be 2/222/432/903/1296. W3ZZ needs 4 of those grids on 903 so they must be rare on 903. He also says that as far as he can remember that there has not been any 222 activity from FM15. I will move around in a grid if needed until it is worked by any that need it for a new one. I haven't calculated an itinerary yet but I should have it all figured out by next week. If you need one of these grids on any of those bands please let me know and I will give it that much more of an effort for you. Please let your VHF friends know about my trip and spread the news on the activity hours. I plan on having a designated coordinating freq. and will also let you know about it. I would like to schedule as much as possible which will make it easier for me to plan my travel times. let me know what you need.

J6 DXpedition to Incl 6M

de Herb, W3IWU

The following was received from WB4DBB on our local DX Cluster: "Yesterday, I received a phone call from Scott, N9JCL, who plans to be QRV from St. Lucia (J6) starting this weekend, probably beginning early Saturday [7 Jan]. There will be a group of them there for about a week, and a 50 watt rig and 5-6 element beam will be in operation, looking Stateside for sporadic-E contacts. They plan to closely monitor as well as call CQ on 50.110 and 50.125 MHz. Scott said he would probably use the call J68BU but was not sure what other calls would be used. He said that they may just use J68BU for all QSOs on all bands. They will also be on all the other bands, 160-10 meters, all modes, and will put some effort onto RTTY this weekend (There's a RTTY contest this weekend.?) Anyway, look out for them. 73, Herman."Herman posted this msg at 0203Z 6 Jan.

50 MHz Beacons - Compiled by G3USE, Dec. 1994

<u>Freq.</u>	<u>Call</u>	<u>Town</u>	<u>Location</u>	<u>Pwr</u>	<u>Antenna</u>	<u>OTF</u>	<u>Mode</u>	<u>Status</u>
50000	GB3BUX	Buxton	IO93BF	20	Turnstile	Omni	F1	24
50002	PJ2SIX		K52KG	22				U/C1995?
50003	7Q7SIX		KH75					4
50005	ZS2SIX	Port Elizabeth	KF25XD	25	Dipole	N/S	F1	ON-OP?
50005	VK9RNI	Norfolk I.	RG30	25			A1	U/C1995
50008	XE2HWW		DL44					NON-OP?
50008	K0GUV					A1		INT?
50008	VE8SIX		DP79	30	W3JK Col	O/180 Ai		JAN95
50008	DX1HB	Manila	PK04	20	J Pole	Omni		4
50009	H1OVHF							NON-OP?
50010	SV9SIX	Iraklio	KM25NH	30	Vert. Dip.	Omni	F1	4
50011	VP2EA		FK88					24
50011	JA2IGY	Mie	PM84JK	10	1/4 GP	Omni		4
50013	S55ZRS	Mt Kum	JN76MC	10	5-el Yagi		A1	24
50013	JD1ADP	Chichi-jima	QL17	1	Dipole			24
50013	CU3URA	Terceira	HM68	5	Omni			24
50014	9M6SMC	Sabah	OJ85AX					24
50015	PJ4B	Bonaire	FK52TF	10	5/8 Vert.	Omni		NON-OP?
50015	SZ2DH	Athens	KM27	5	5-el Yagi	A1		24
50017	JA6YBR	Miyazaki	PM51RT	50	Turnstile	Omni		24
50018	V51VHF	Kyushu	JG87	50	1/2 GP	Omni		24
50019	CX1CCC		GF15	5	GP	Omni		NON-OP?
50019	P29BPL	Port Moresby	QI30	30	Dipole			24?
50020	GB3SIX	Anglesey	IO73TJ	25	5-el Yagi	NW	F1	temp Non-Op
50021	FR5SIX		LG78	2	halo			24
50021	OZ7IGY	Toelloese	JO55VO	20	Turnstile	Omni	A1	24
50022	ZS6PW	Pretoria	KG44DG	30	5-el Yagi	NNW	A1	07-2100z
50022	4N0SIX	Nr Belgrade	KN04FU	1	Omni			24
50023	LX0SEX	Bourscheid	JN39BF	5	Horiz Dip	N/S		24
50023	HH2PR							NON-OP?
50025	9H1SIX	Attard, Malta	JM75FV	7	5/8 GP	Omni	A1	24
50025	YV4AB	Valencia	FK50	15	Ringo			24
50025	ZP5AA	Asumcion	GG14	5	GP	Omni		24
50025	OH1SIX	Ikaalinen	KP11QU	50	X-Dipoles	Omni		24
50025	6Y5RC	Kingston	FK17MX	40	3-el Yagi			OP?
50026	JA7ZMA	Fukushima	QM07	50	6-el Yagi	S		24
50028	XE2UZL		DM10			A1		24
50028	SR6SIX		JO81HH		GP	Omni	F1	24
50030	CT0WW	Joao da Pesq.	IN61GE	40	Dipole	45/225o	F1	24
50030	XE3VV		EL50EX	5	GP	Omni		OP?
50032	ZD8VHF	Ascension I.	H22TB	50	Dipole			24
50033	LU8YYO	Cordoba	FF50	1-5	1/2 Vert			24

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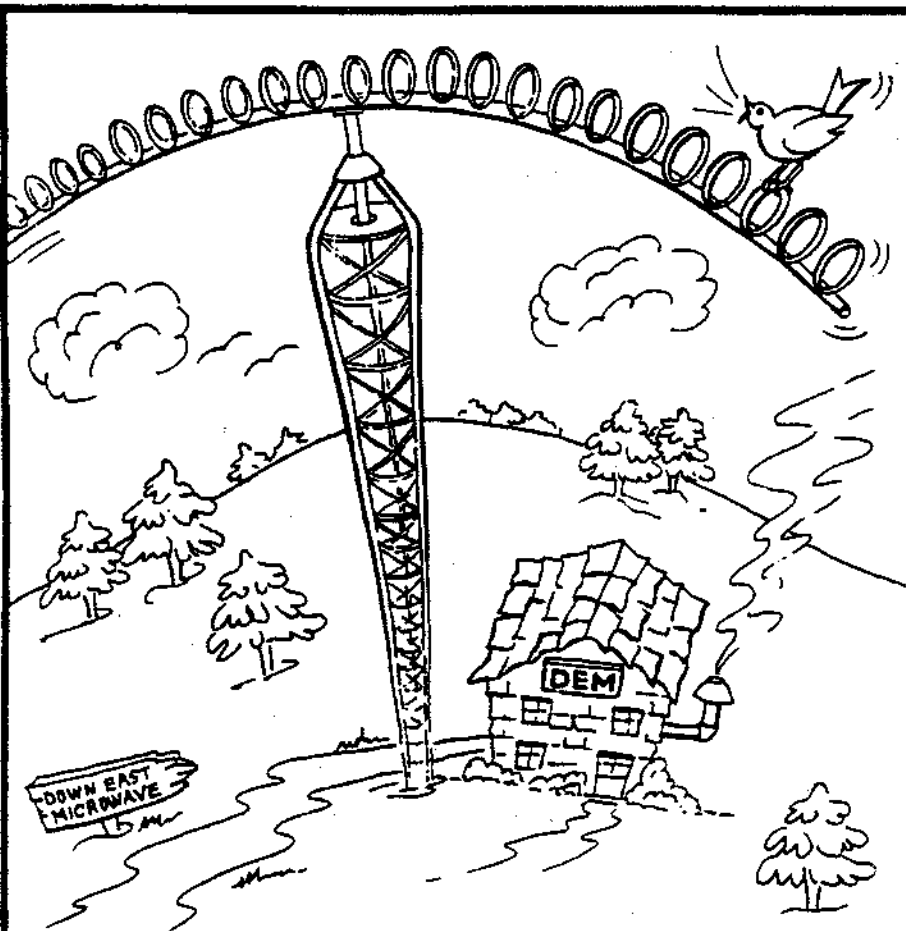


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