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HOT OFF THE PRESS

CALENDAR

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**JULY 10TH, 7:00 PM
GEORGETOWN**

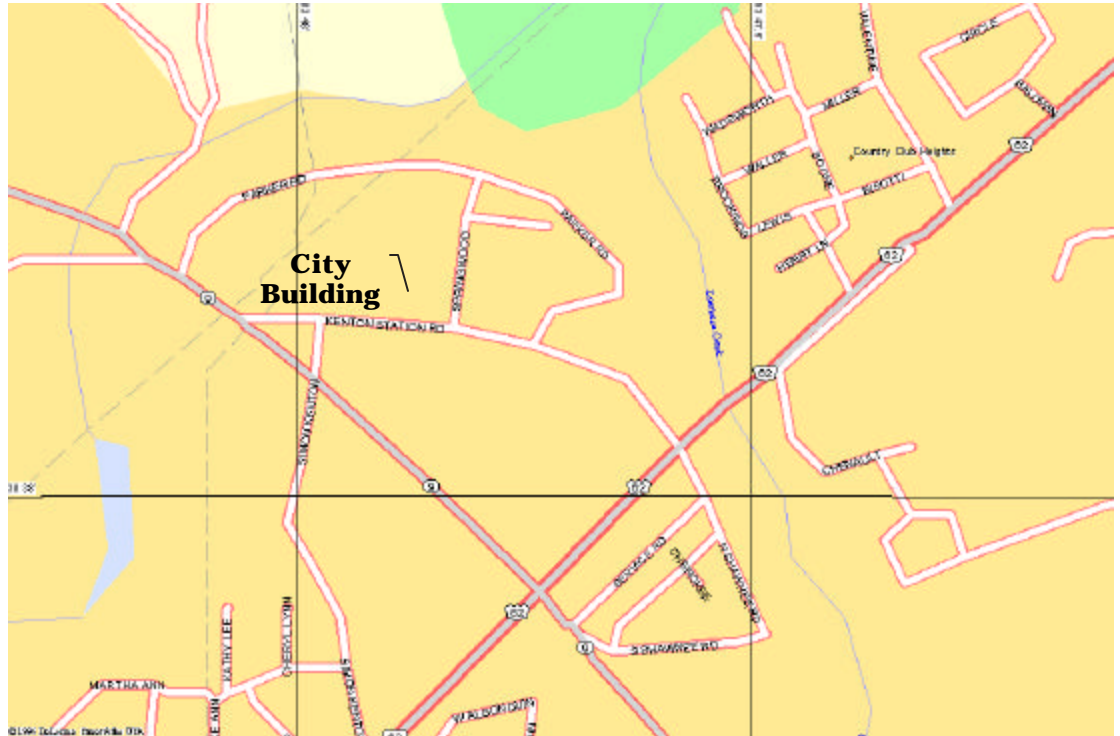


AUGUST MEETING UPDATE

(Editor) The Grant Amateur Radio Club monthly meeting goes on the road this month meet ing at 7:00pm on August 4th in the meet ing room of the Mays ville A.R.C. A spec tact lar dem on stration on the power and dan gers of elec tric ity will be on the agenda, and it is not to be missed.

Talk-in will be avail able on both the George town and Mays ville re peat ers, but if your leav ing you two me ter rig at home, then KF4JNX says you can find the place with your eyes closed (but keep'em open just in case).

From George town, take St Rt 68 over the bridge into Mays ville. Fol low 68 through Mays ville, up the hill, past the Blue Grass Shop ping Cen ter on your left. Take a right onto Ker ton Sta tion Road which is ac cross from Fa mous rec ipe fried chicken. Past Parker Road and Spring wood Road (about a 1/4 mile) is the city build ing where the meet ing will be held. See yah there!



BIRTHDAY CLUB

Name	Date	Call
Ralph	8/2	KB8WCY
Gordon	8/11	WB8YGW
Roy	8/15	NL7FK
Robert	8/17	KB8VKW
Ron	8/18	N8YFC
Jutta	8/18	N1WJM
Michael	8/19	KC8FNB



TESTING TESTING...

(KF8RC) Lucius reminds us that now is a good time to get a li cense or up grade.....

- When:** 2nd Sat ur day Aug 9
- Where:** Mays ville Pub lic Works Bldg
- Cost:** \$6.25
- All classes
- Walk ins welcome
- Cof fee & do nuts provided

For more info con tact KF8RC Lucius



CQ CQ PATHFINDER

(ARRL) Pathfinder frequency: If you're up for some real DXing, according to Phil Karn KA9Q, the downlink frequency for the Mars Pathfinder it is 8.420 GHz. See his Mars Pathfinder X-band Downlink Link Budget page at people.qualcomm.com/karn/mpf_budget.html.

HAM RADIO FOUND USEFULL!

(AA6JR) Pathfinder mission engineer is WA6NVA: Gordon Wood, WA6NVA, of La Canada, California, credits ham radio for starting him on the path that led to his becoming the chief engineer for communications for the Pathfinder mission. Wood works at the Jet Propulsion Laboratory in Pasadena, California. The Pathfinder mission has, so far, been a spectacular success and popular with the public. Wood got into ham radio about 40 years ago, at age 12, when his father bought him an old shortwave radio at a thrift shop. An article July 4 in The Los Angeles Times quotes Wood as saying: "Man kind after all these years is reaching out from his own planet with little toys to snoop around and understand whatever else is out there in the universe." Previously, he worked on the Mariner, Viking and Voyager interplanetary missions.

FCC ADDS FORFEITURE GUIDELINES

(ARRL) The FCC has amended Sec 1.80 of its rules to incorporate, by reference, the Commission's forfeiture policies and schedule of forfeitures. The Compliance and Information Bureau's action "sets the framework for the forfeiture policy that will be part of the Commission's enforcement strategy" in the wake of FCC rules changes resulting from the telecommunications Act of 1996, an FCC announcement said. The Commission said the guidelines "seek to add predictability in the forfeiture amounts assessed for similar violations among different services." Adopting the forfeiture guidelines as a note to the rule allows the FCC to provide guidance on base forfeiture amounts "to all potential violators." The FCC acted June 19.--FCC

WHAT'S A LEAP SECOND?

(NIST) A leap second is one second added to Coordinated Universal Time (UTC) to make UTC agree with astronomical time to within 0.9 second. UTC is based on the performance of atomic clocks. Astronomical time is based on the rate of rotation of the earth. Since atomic clocks are more stable than the rate at which the earth rotates, leap seconds are needed to keep the two time scales in agreement. The first leap second occurred on June 30, 1972. Although it is possible to have a negative leap second (a second removed from UTC), so far, all leap seconds have been positive (a second has been added to UTC). Based on what we know about Earth's rotation, it is unlikely that we will have a negative leap second in the foreseeable future.--

MIR(LY) SPEAKING

(HR On Line) The MIREX support team -- Miles Mann, WF1F, and Dave Larsen N6CO -- has been handling family traffic for Foale via ham radio and attempting to help Foale with his radio problems (the Mir's transceiver was cutting out on high power because of a circuit overload). In a packet message to Larsen, Foale expressed the gratitude of the Mir crew "for all the good wishes and interest over the world, in our troubles and tribulations." Foale singled out for special mention "the few hams who work tirelessly on our behalf" to pass personal messages. Foale said that he and his wife were "extremely grateful to those hams who pass our messages for us." He also expressed appreciation for "how the world press is reacting to our situation." Added Foale: "We do not get this sort of opinion from our controllers." After the Mir's collision with a Progress cargo rocket, Foale said, "it was impossible to get any personal news of our well-being to our families" via the official communication channels. "Ham radio allowed us to fill the gap."

"We are particularly interested in longer contacts, than simple QSO exchanges," Foale said. "It is good to tell people about our life here on Mir, and our problems, but the lives of hams on Earth are also interesting to us, and I hope more hams will take the time to tell us about their QTH and surroundings also," he concluded.

W1AW Station Manager Joe Carcia, NJ1Q, reports W1AW was able to connect with the R0MIR-1 packet BBS on 145.985 MHz on July 8 at around 1600 UTC. The pass was at approximately 22 degrees. "We've been trying for weeks to connect," Carcia said. The message he posted was: "Hello from the staff and visitors from W1AW in Newington, CT. Good luck and 73."

[Thanks to Philip Chien, KC4YER, Pat Kilroy, WD8LAQ, Frank H. Bauer KA3HDO, Dave Larsen, N6CO, Joe Carcia, NJ1Q, Matt Bordeaux, KC5BTL, and Rosa Lie White, WA1STO, for their contributions to this report. -- Ed]

FIELD DAY

(KB*TQU) Thanks Gordy for letting us have field day at your farm. We realize that you did a lot of work and put forth extra effort for the benefit of all who attended, and a special thanks for the use of your kitchen. No one could have been a better host. A big thank you also goes to Polly. Both of you are greatly appreciated.

Thanks again from all the om's and yl's.

CAMP-A-RAM ROUND TWO

August 1st, 2nd and 3rd at the Maysville River Park

G.A.R.C. MEETING MINUTES

(KB8PVY) Meet ing called to or der at 7pm outside on the front steps of the build ing do to the fact that there were no keys available to the building. President John Pitcher K8RJ pre sid ing.

The June min utes were read by the presi dent. A mo tion to ac cept the min utes by Mike AB8AM and sec onded by Roy KF4MZN. Mo tion car ried by the mem ber ship.

Treas ury re port by Dot KB8TQU, there is \$3023.78 in the treas ury at this meet ing date. A mo tion to ac cept the treas urers re port by John KC8CYZ and sec onded by Luanne KC8FBH . Mo tion car ried by the mem ber ship .

A brief dis cus sion on the camp ing at East fork State Park. Will have an other one at a later date. All at tend ing the camp ing had a good time.

All at tend ing the meet ing iden ti fied them selves by name and call sign.

Field day discus sion by Jeff N1DJS. Roughly 750 phone con tacts, 100 CW con tacts, and 28 VHF con tacts. To tal points Around 2400.

Hamfest dis cus sion by Dot KB8TQU. Eve ry one at tend ing the meet ing was given the chance to chair the Hamfest. No one vol un teered . Lisa KF4JNX. Volun tered to be the Co Chair per son. Dot KB8TQU will con tinue with be ing the Chair per son. More com mit tees and committee members were set up.

A short discus sion on the purchase of the radios for the Hamfest prizes by Al WB8UJM and Roy NL7FK. War ran ties on the ra dios was dis sussed. If the ra dios were bought too early, how would this affect the war ran ties? Will be in ves ti gated.

The August meet ing will be at the Mays ville club lo ca tion.

A motion by Lisa KF4JNX and sec onded by Marie KF4MZN to pur chase the club ban ner that Jeff N1DJS had ob tained. Mo tion car ried by the mem ber ship.

A short dis cus sion on giv ing tick ets to other clubs. Your se cretary failed to get all this in for ma tion on this. Will be dis sussed at next meet ing.

Meet ing ad journed at 7:40 pm.

FCC REMINDER

(FCC) The FCC is warning companies that offer to modify scanning receivers (this includes many H-Ts with extended receive coverage) in or der to re ceive cel lu lar tele phone fre quen cies that this ac tiv ity prohibited by federal law and FCC rules. The FCC's reminder, issued July 10, noted that scanning receivers must be FCC-certified and in ca pable of "read ily be ing al tered by the user" to pick up the cel lu lar bands. "The modi fi ca tion of scanners on a sub stan tial scale to re ceive cel lu lar fre quen cies will be con sid ered to constitute man ufac ture of such equip ment" in viola tion of federal law and FCC rules, the Public Notice said. Entities engaged in such activity are cautioned to cease advertising and/or performing any such activity im med iately."



Pretty soon your gonna need a micro scope and tweezers to operate the new est smallest handhelds. Check out the latest offering from Yaseu in the micro mini han held wars.

20 MINUTE WAIT FOR THE COURTESY BEEP?

(WA6ITF) Over on the SAREX-BBS someone brought up the idea of per manent repeaters on both the moon and Mars for ex peri men tal re lay by user hams on Earth. Lots of technological problems to overcome in getting them there, set ting them up and the de lay cy cle in us ing them. 20 min utes round trip on any car rier re layed over the Mars ma chine.

Some people think that neither would really serve any need of a ham on Earth — other than the utlimate ego satisfac tion of be ing able to say I held a QSO us ing the "...34/94 box on Mars" but there are a lot of people talking serious num bers regard ing a Moon based sys tem for as sisted EME con tacts.

One final thought. Who would coordinate repeaters on other worlds? The United Federation of Ham Radio Planets?

KB8PVY'S RETIREMENT

(KB8TQU) Dot reports that Jerry's re tirement party was a complete success and she also says's... thanks you one and all who at tended. Some friends could not make it, but they sent food items that helped make a feast fit for a king. We had a wonderful time, perfect weather and the best group of peo ple I know. We had so many friends, I can't name them all. A spe cial thanks to Marie and Lisa. I had to leave and they cleaned up the party area for me. Saying thank you just doesn't sound like enough, but thank you every one

And Dot adds.. I am anxious for the next party. Why doesn't matter, but Where, When,? And Who.?