



## RACES – Mountain District – Mile High Radio Club

PO Box 1204

Idyllwild, CA 92549-1204

E-mail: [mhrc@arrl.net](mailto:mhrc@arrl.net)

[www.milehighradioclub.org](http://www.milehighradioclub.org)

Repeater Station WA6SSS 146.895 (-) pl 118.8



**Officers** - President: Vi Hallacy K6VBH, Vice President: Christy Huss KG6AVU, Membership: Rick Foster KG6TIJ  
Secretary: Jim Kent KF6TYZ, Treasurer: Bill Tell KD6KTV,  
**Board Members:** Chris Johnson K6IDY, Don Hamilton AD6NP, Tom Unwin WA6SSS  
**RACES EC:** Bill Baker KN6JV

# MOUNTAIN FLASHES – NEWSLETTER OCTOBER - 2010

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## County wide Monthly Roll Call

### First Monday of the Month

*Will be on **October 4<sup>th</sup>**, Roll call normally starts  
around 1845 and ends when a stand-down order  
is issued.*

**All Mountain Roll Calls are conducted on the  
Idyllwild repeater 146.895(-) 118.8**

## October - Wednesday Roll Call

### is held at 1900 Hours

*This month's callers are;*

6<sup>th</sup>: Danielle KI6DDR    13<sup>th</sup>: Rick KG6TIJ  
20<sup>th</sup>: Bill KD6KTV      27<sup>th</sup>: Paul KG6TIL

## October Meetings @ Idyllwild Fire

### Mark Your Calendars!

MHRC Board / Club / RACES: Thursday,

October 14<sup>th</sup>, 6:30 PM All are welcome to attend any  
of the above meetings or call in on the nets.

## *President's Message*

This is a call to all club members. We need members to step up to the plate and volunteer to take positions on the board. We have three members currently calling out and seeking members to take a seat on the board.

The position of Secretary has become the toughest position to fill thus far. The club meeting takes roughly an hour per month to complete. Taking the notes and putting forward the monthly minutes is only 2-3 hours per month of your time.

We have 53 members in the Radio Club. Seven of them have volunteered as board members or officers. That leaves 46 members and no one has come forward offering to take the position of secretary.

Our non-profit status obliges us to record the activities which take place at our meetings so we must have a secretary.

Vi Hallacy K6VBH  
MHRC President  
RACES – Mountain District – AEC



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### *General Meeting Minutes for Meeting Held on September 9<sup>th</sup>, 2010*

There were 21 members in attendance.

There was an error in the minutes as published in the Newsletter. The correct portable repeater frequency is 448.340.

The treasurer's report was approved as given.

Bill Tell plans to send a thank you letter to the Jazz Festival committee for their donation of \$500 to the Club. It was suggested that we include a short definition of our role at the Jazz Festival.

Progress continues to be made on the portable repeater. It is functioning and will be put in the containers when the containers are delivered.

Bill Baker is scheduled to speak at the next Idyllwild Fire Commission meeting.

Bill Baker is continuing to work on the repeater call sign change.

The Idyllwild Community Fund grant report is ready and will be mailed this week.

Bill Baker, nominating Committee Chair, reports he has Wayne Laube and Christy Huss for the Board, Rick Foster and Bill Tell stated they will retain the positions they currently hold. John Hauer has volunteered for the Vice President position. Baker still needs someone for President, Secretary and one more Board member.

There was no new business.

Vi Hallacy K6VBH  
MHRC President  
RACES – Mountain District – AEC

### *RACES Report – Mountain District*

The Mountain District is getting closer to have a portable repeater thanks to the work by Tom WA6SSS and Bill KD6KTV. Tom is the guy doing the engineering and Bill is the purchasing guru. The MHRC needs to be grateful to these two – likely without their work this project would not happen. So, looking forward to field trials and demos not to mention the possibility that we'll be faced with a real event MHRC and Mountain District will be ahead of the curve.

Having said that, are you ready?

I'm sure you have a good amount of water stored away along with lots of non-perishable food, a good supply of fuel (gas, wood, propane), a "GO bag", fire extinguisher (that's charged, ready and handy). Charged radio batteries, and RACES - members should carry their ID's – ALWAYS!

Just remember – you may not be near your home or your supplies when an event occurs so you should have a basic supply in your vehicle. OK Sermon over. DID YOU READ IT?

RACES MEMBERS, and any others who care participate, need to attend the next meeting (Oct 14). You need have your HT's or mobile radio programmed to the following frequencies. Portable repeater 448.340 (-) 118.8, MHRC repeater 146.896 (-) 118.8; Simplex 146.535

If time permits we will conduct a short exercise. You will be in your vehicle and sent to various local sites and pass a scripted message back to IFPD where radios will be set up to call you, to receive your call and to reply.

REMEMBER!! YOU MUST ID AND SAY "THIS IS A DRILL MESSAGE".

YOU WILL BE CALLED BY CALL SIGN AND ASKED FOR YOUR MESSAGE.



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FOR THE MOST PART YOU WILL LIKELY RECEIVE AND TRANSMIT ON THE PORTABLE REPEATER. THE OTHER FREQUENCIES ARE BACK-Ups.

The purpose is to get you on the air with more than answering roll call, but keep on answering roll call too.

### QUESTIONS?

1) When is an amateur station authorized to transmit information to the general public?

- A) Only in emergencies.
- B) Only between 0800 and 0830 daily.
- C) Only when requested by local authorities.
- D) Never

2) Which type antenna is more effective for mobile use?

- A) 3 element Yagi
- B) ¼ wave vertical
- C) "Rubber duck"
- D) None of these

3) Connecting a ground wire is essential. Which colors are correct for DC (negative) and which for AC **grounds in** the US?

- A) Red for DC, Black for AC
- B) White for DC, Green for AC
- C) Black for DC, Black for AC
- D) Black for DC, Green for AC

Answers next edition

Bill Baker KN6JV  
Mountain District EC - RACES

### *Elmer – Putting together a 2 meter VOICE OF GOD BASE STATION*

Last month I wrote about putting together a base station. Now we are putting together a VOICE OF GOD BASE STATION. We will refer to the station we are building as the VOG. To create a

VOG base station you need the following. All prices are approximate.

1. fifty watt mobile radio \$250 new \$125 used.
2. 2 25 amp power supplies \$250 new 100 used.
3. diamond x-200 or 6 db antenna \$100 new.
4. good 1/2 inch all weather coax \$1 a foot.
5. good 1/2 inch jumper coax \$15.
6. mirage 160 watt amplifier \$325 new \$190 used
7. total \$990 new \$580 used

All the comments made last month about setting up a base station still apply, so I won't repeat all of that information. Setting up a VOG station does have some special problems. You now have more rf radiation, so it is more important to have some separation between the antenna and your VOG station. Because of this distance and more power good coax is important.

Now we come to the power issue. The amplifier uses 16 to 20 amps, and the radio uses 8 amps. You need a 30 amp dc power source. 2 mjd 25 amp dc power sources are the cheapest way to go. Most lines around the bottom of the room are 20 amp, so you need to find another line to power one of them. Get professional help on figuring out the power issue out if you don't understand it. The mirage amplifier is foolproof, it automatically keys, senses overdrive, etc. You use a good quality coax jumper to connect it between the antenna and the radio.

What could go wrong!!! Power is great!!!

Be the Voice OF GOD!!!

Chris Johnson K6IDY  
Board Member