

# MMRG HISTORICAL PAGE

MINGUS MOUNTAIN REPEATER GROUP  
W 7 W G W / R  
147.600 Input 147.000 Mhz output  
Arizona's Finest Channel!  
W A 7 K O W / R Phx.  
147.870 Input 147.270 Mhz output

Members of the M.M.R.G., as defined under the agreement adopted by the members on March 14, 1976. These were members on the first site of M.M.R.G.

## MMRG CHARTER MEMBERS

CALL	NAME	QTH	CALL	NAME	QTH	CALL	NAME	QTH
K7CXA	AL	PAYSON	W7VO	ANDY	CAVE CREEK	WB7AWA	HANK	PHOENIX
K7MGL	WALT	COTTONWOOD	W7WGW	OLIVER	PHOENIX	WB7BPK	JOE	PHOENIX
K7NHR	DON	GLENDALE	WA7ASA	PHIL	PHOENIX	WB7BVK	MORRIS	MESA
K7RJJ	STEVE	PHOENIX	WA7BYU	JACK	PHOENIX	WB7BYK	LEW	MESA
K7TUT	BILL	PHOENIX	WA7ERV	ERNE	SUN CITY	WB7CWW	SONJA	PHOENIX
K7UVD	BILL JR	PHOENIX	WA7GRV	TOM	MESA	WB7DHG	KARL	PHOENIX
K7WSE	KARL	PHOENIX	WA7HZK	JOE	PHOENIX	WB7NEU	MEL	PHOENIX
N7CQ	BOB	PHOENIX	WA7KBN	FATHER MALONE	PHOENIX	WB7NMK	HELEN	PHOENIX
W7ACD	LOUIE	COTTONWOOD	WA7KOW	CHRIS	PHOENIX	WB7NNE	KIM	PHOENIX
W7BKJ	DOLLY	COTTONWOOD	WA7KRC	CHUCK	PHOENIX	WB7NQF	ROBERT	PHOENIX
W7DRR	JOE	PAGE	WA7TEN	HOWARD	SUNCITY	WB7NOG	DENNIS	PHOENIX
W7FQL	JIM	PHOENIX	WA7UID	LARRY	PHOENIX	WB7NOK	DEL RAY	PHOENIX
W7GGZ	JIM	SUN CITY	WA7VDZ	LARRY	PHOENIX	WB7NQL	SHARON	PHOENIX
W7GLT	BILL	PHOENIX	WA7VVD	GLENN	PHOENIX	WB7OAP	JUDY	PEROIA
W7HQP	LIO	COTTONWOOD	WA7VAH	ART	PHOENIX	WB7OAP WB7OAP KBP/CS	JERRY	PEROIA
W7IQA	LARRY	PARADISE VLY.	WA7YBE	RAY	MESA	WB7OAR	GLENN	PHOENIX
W7LYS	LEN	PRESCOTT	WA7YDZ	BUD	MESA			

MINGUS MOUNTAIN REPEATER GROUP  
W 7 W G W / R  
147.600 Input 147.000 Mhz output  
Arizona's Finest Channel!  
W A 7 K O W / R Phx.  
147.870 Input 147.270 Mhz output

The Mingus Mountain Repeater Group was begun in the early part of 1974 by a group of less than 10 individuals. Their distinct plan was to someday operate a repeater from Mingus Mountain, providing communications from Flagstaff to Phoenix.

In early 1974, we acquired an old Motorola tube type remote base. It was made into a repeater station and put into service at the Qth of W7WGW, using the call WR7ABL/7, the first repeater above 147 Mhz in service in Arizona. Gabe Romero, Sr., licensee of WR7ABL gave the group permission to use his call letter's until we could get our own.

In December 1974 the FCC office gave it the call letters of WR7AFC. It was decided that we would attempt to accomplish one of the finest systems in Arizona. Therefore, the logo of "Arizona's finest channel" was chosen.

Just a few months later, with the help of Hank WB7AWA and Glenn WA7VVD, we acquired a site above the 18th floor at the Western Savings Financial Center, located at Central and Osborn, and the repeater was moved and was operated as WR7AFC/7.

In 1975, Oliver, W7WGW, signed an agreement with KOOL Radio & Television for a site on Mingus Mountain near their translator site. However, this was short lived. Three weeks later the equipment was stolen, causing a very heavy loss to the membership.

Nevertheless, not to be discouraged, we regrouped and set out to acquire our own site on Mingus and on Father's Day 1977, after a lot of hard work and effort by a small number of members, we moved into our present site.

In October 1977, MMRG acquired 147.87/147.27 which was operated from the Financial Center downtown as WR7AHJ, with the express desire of linking Mingus and local systems together.

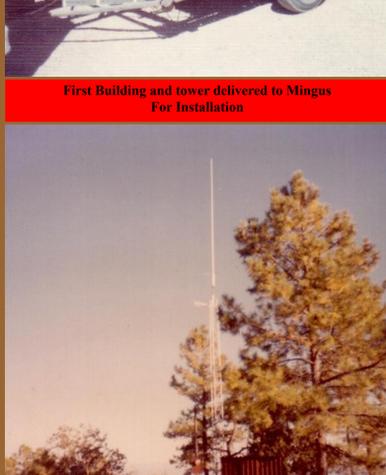
In mid 1978 the Mingus repeater was changed over to solid state equipment and by the end of the year so was the secondary system. Most of the credit for designing and building the solid state systems was supervised by N7CQ, Bob.

Also at the end of 1978, the repeater call letters WR7AFC and WR7AHJ expired and Mingus was changed to W7WGW/R and Phoenix to WA7KOW/R.

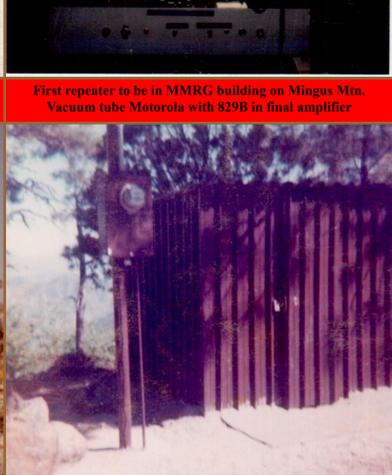
73

Mingus Mountain Repeater Group  
4907 West Verde Lane  
Phoenix, Arizona. 85031

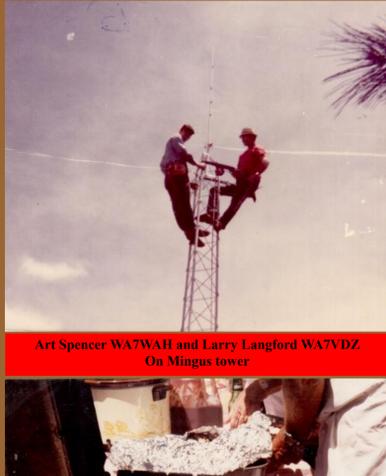
og  
Lgl  
Drh



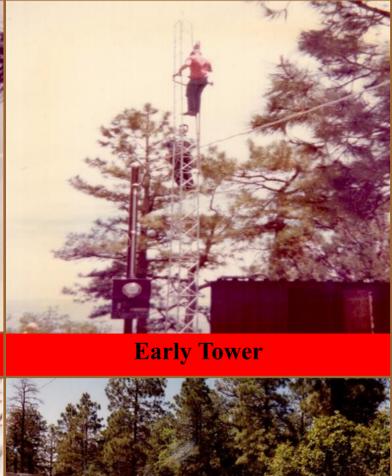
First Building and tower delivered to Mingus For Installation



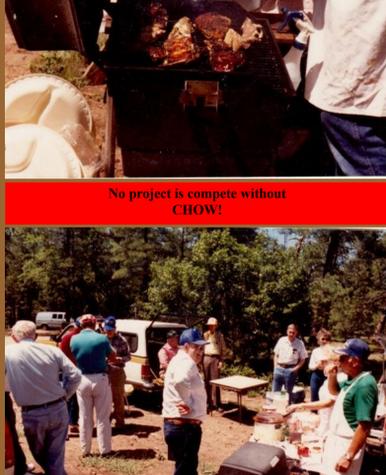
First repeater to be in MMRG building on Mingus Mtn. Vacuum tube Motorola with 829B in final amplifier



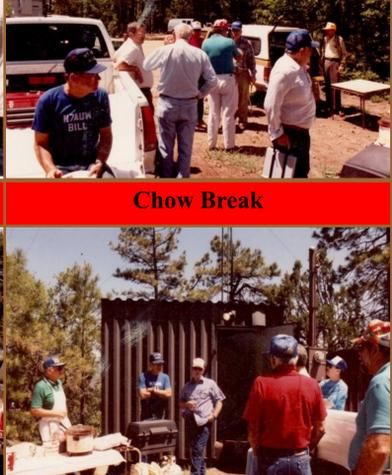
First building and tower on Mingus



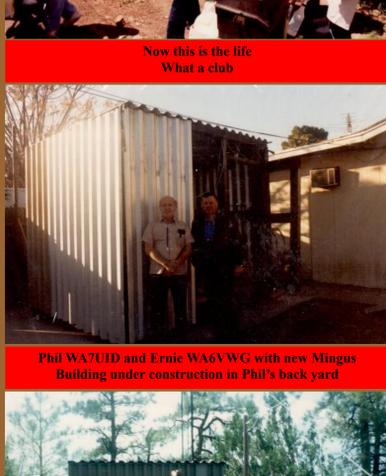
Snow



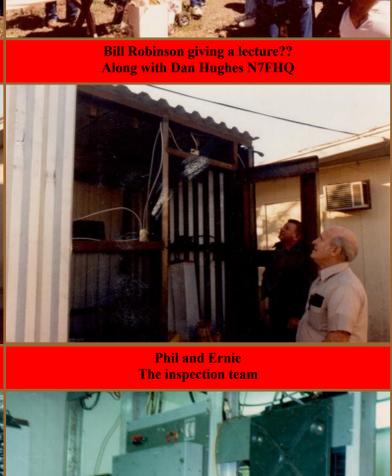
Art Spencer WA7VAH and Larry Langford WA7VDZ On Mingus tower



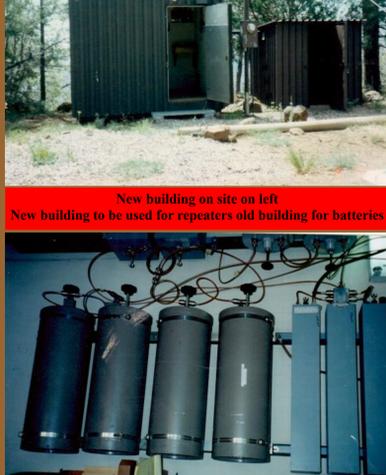
Early Tower



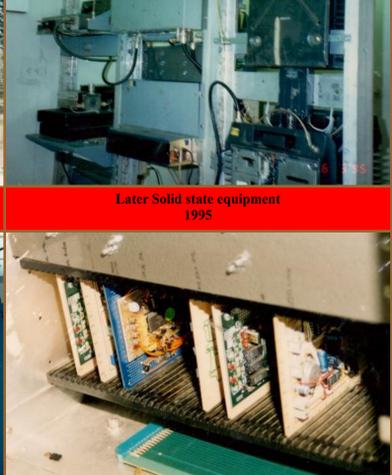
No project is complete without CHOW!



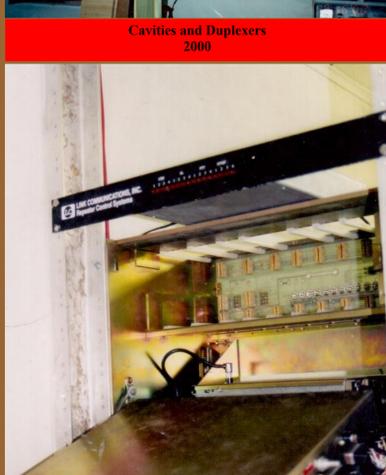
Chow Break



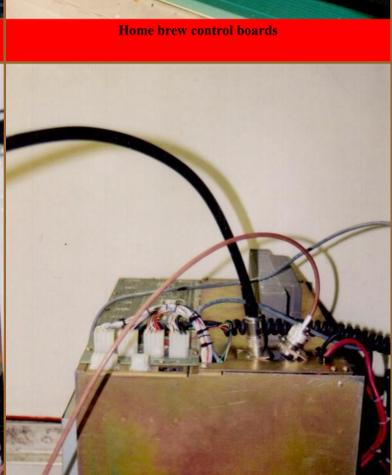
Now this is the life What a club



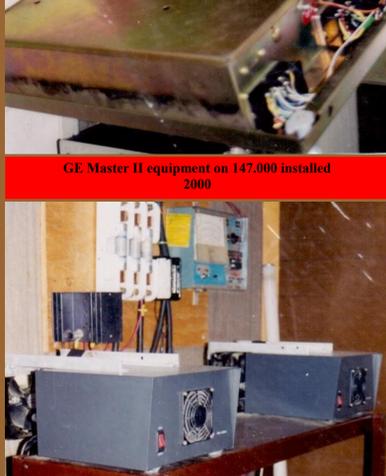
Bill Robinson giving a lecture?? Along with Dan Hughes N7FHQ



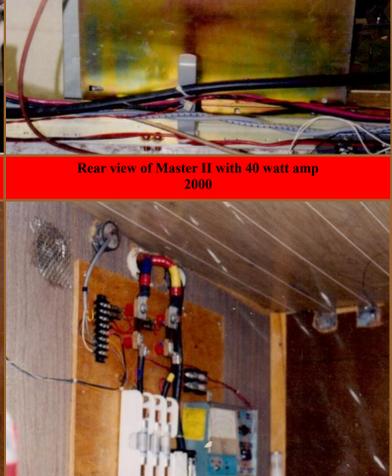
Phil WA7UID and Ernie WA6VWG with new Mingus Building under construction in Phil's back yard



Phil and Ernie The inspection team



New building on site on left New building to be used for repeaters old building for batteries



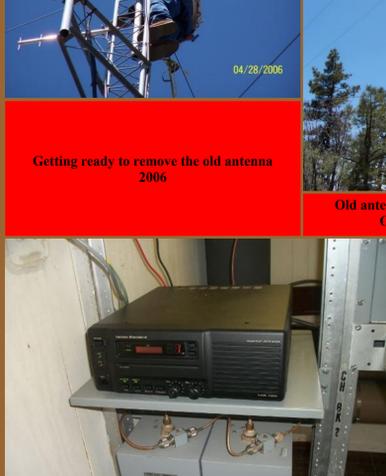
Later Solid state equipment 1995



Cavities and Duplexers 2000



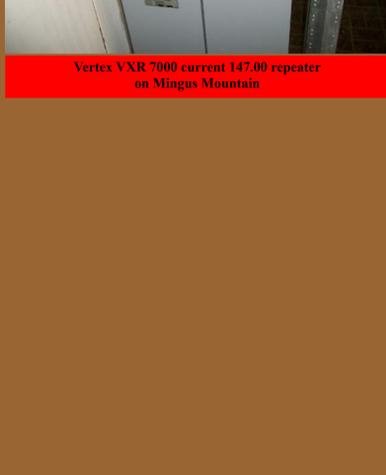
Home brew control boards



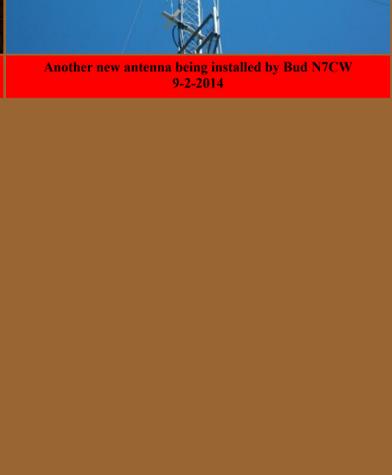
GE Master II equipment on 147.000 installed 2000



Rear view of Master II with 40 watt amp 2000



New battery bench built By Marc Coker KC7JOG About 2000



Chargers and feed / fuse circuits About 2000



Getting ready to remove the old antenna 2006



Old antenna down near trees On way down



New antenna up and ready to go



Vertex VXR 7000 current 147.00 repeater on Mingus Mountain



Another new antenna being installed by Bud N7CW 9-2-2014