

# **FM BULLETIN**

**REPORTING ON AMATEUR FM ACTIVITIES**

Vol.1 No.3

**APRIL  
1967**

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Pearce-Simpson, Inc., largest manufacturers of marine radio equipment, graciously concented to a tour of their manufacturing plant. The plant, located in Miami among the plam trees and tropical plants, is a one story building housing 350 employees. Mr. Ralph Asherman, Advertising Manger, and I had a nice discussion on amateur FM and the market potential for new FM, multi-channel, transceivers for the Ham bands, similar to their model MRT 50, VHF FM marine radio/telephone, which is 50W output, 12 channel rig, with a all transistor receiver and only three tubes in the transmitter.

FM ACTIVITY FOR EXPO '67

Our latest info shows a FM repeater active in Montreal and should be very active through the World Exposition at Montreal Quebec. Also the ARRL National Convention will be there on June 30 thru July 2. Special QSL card is being used, printed both in French and English. The FM repeater operates on 146.46 to 146.940 MHz.

75' TOWER FOR DETROIT REPEATER

A two meter FM repeater will be heard soon on 146.760 MHz and receiving on 146.340 MHz. The call is WA8OYE in Livonia, Mi.. More details on the repeater will be forth - coming as soon as we get them. The repeater does operate at the present time on a limited basis, until everything gets de-bugged.

MIAMI FORMS REPEATER CLUB

March 31:

A two meter FM repeater for the Miami area has been in the talking stages for a long time. However, action has now been taken to put it on the air. A meeting was held, which was attended by 16 of Miami's FM'ers which included WA4FFP, W4YFD, WA4ITK, K 4UUG, WA4SOP, WA4JBI, WA4VQA, WA4EWY/K9JTV, WA4KIL, WB4DZH, WN4DKG, WA4LHX, W4KLU, K4EBG and myself as a guest, WA8UTB. The first thing they did, was to form a club to officiate over the repeater. W4YFD was elected President and WA4ITK - Secretary plus WA4FFP as club Treasurer. The first business for the new club was to pick a handle - a few suggestions were made and voted on and it was settled upon. 'Dade County FM Assoc'. Frequencies were tossed about and tentative frequencies for the repeater are Input on 146.46 and Output on 146.88. The repeater will be squelch operated and plans are for 'C' code to be used to control the repeater. Location of the equipment, hopefully will be on top of the Federal building some 15 stories high and the antenna will be a Tune-Tenna, by Associated Components Inc., K4UUG is the big-wheel. The rig will be a 100W output at 5 to 7 ks- because most of the equipment in the area is narrow band, since Dispatchers (Motorola) and other fine rigs are common. The repeater is expected to be able to work mobiles in VP7 land since the Miami FM'ers get over there now, with base stations.

W8VWY/K8ZJU QUAD

Direction Finding Antenna for 146.94 MHz

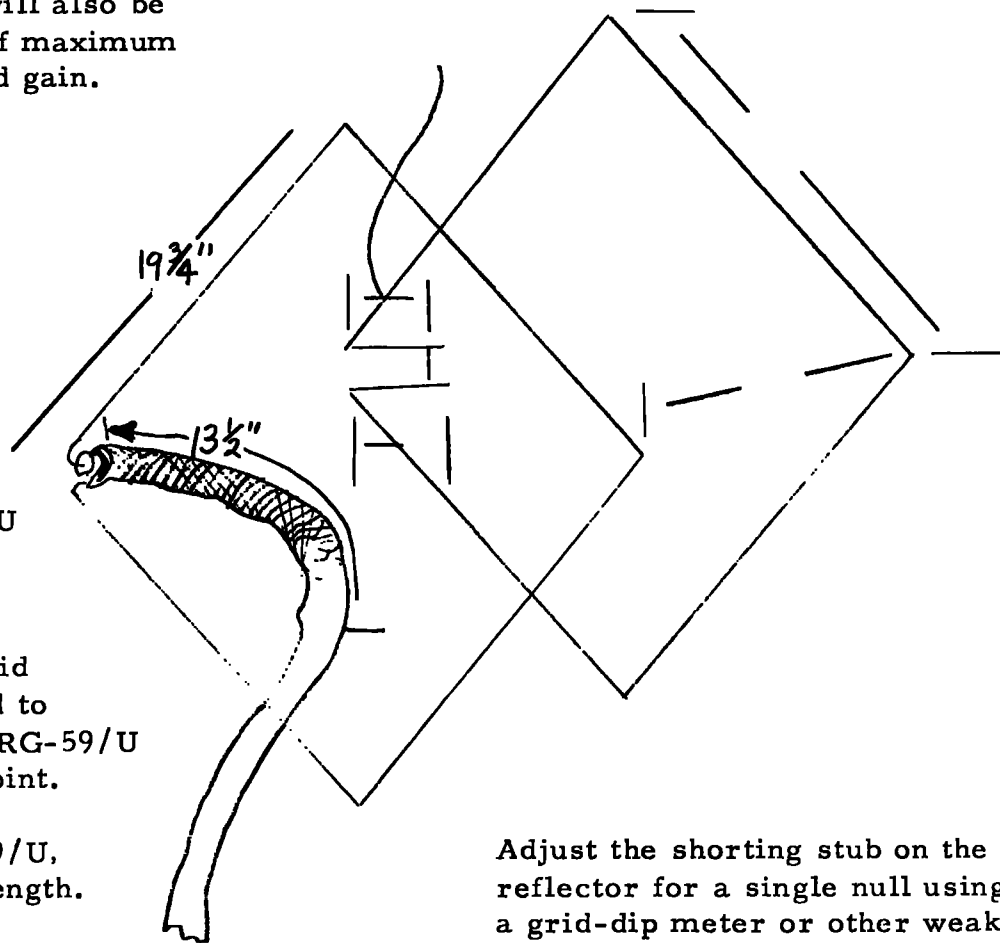
Adjust short on stub  
for single null on  
back side of the quad.  
This will also be  
point of maximum  
forward gain.

No connection  
to outer braid  
at this point.

Length of outer  
braid from RG-8/U  
or RG-11/U over  
jacket of RG-59/U

Outer braid  
connected to  
braid of RG-59/U  
at this point.

RG-59/U,  
any length.



Adjust the shorting stub on the  
reflector for a single null using  
a grid-dip meter or other weak  
signal source. Point the reflec-  
tor toward the signal source.  
Be sure the signal is below the  
point of saturation in the receiver  
connected to the quad.

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ARE YOU GOING SOME PLACE MOBILE ??????

If you are planning a trip this summer or any time then make a note to drop us a card here at the bulletin. We will include it in the Bulletin prior to the trip and let everyone on FM know that you will be passing by their QTH. Please include dates, route, and freqs. you will be operating on. For Example:  
WA8UTB will be leaving Detroit at 0300 est. /4-15-67. Going to Dayton, Ohio via I-75. Plans are to return late that night. (146.94 - 52.525)  
W8BJM also going to Dayton, Depart Maumee, Ohio at 0400 est., via I-75. (146.94)

