

Circulation is 66. This consists of 36 city and 9 country fee paying members, 15 life members some of whom have donated \$10 to the club for the bulletin costs and 6 courtesy copies of the bulletin.

Beacon Committee

The Beacon Committee are well on with the move of the beacons. The SMA have approved the installation and the antennas and beacons are now finished and will be installed on the tower by the beacon committee in a work party.

New 10 GHz Narrow Band Transverter

Al VK6ZAY has completed his own design 10 GHz Narrow Band Transverter. It consists of an oscillator, two multiplier boards using pipe cap filters, a splitter to the transmit mixer and receiver mixer and a power amplifier all of Al's own design. He has used a modular design which was the topic at the last months meeting where he showed everybody his new transverter. He will be using this setup in the coming field day along with his home brew 5.7 GHz and his home brew 2.4 GHz and his 1.2 MHz equipment. You will also be able to hear him on 70 cm and 2 metres.

So get out all your microwave equipment and have a contact or two with Al VK6ZAY on the field day.

Building the VK6HK Keyer

With the upcoming VHF group field day I thought that I would emulate the techniques outlined by some of the members and test my gear over long distances by using a keyer. The club sells a kit for \$10 including full instructions for programming the EPROM. I purchased one of these and within one hour had myself a keyer. It consists of a relay driven by a programmable EPROM with up to 16 different messages up to 512 bytes long. This means that you can set up a transmitter and test your receiver and antennas at different locations to see how good your setup is when portable. It also comes in handy when trying to find another amateur on microwaves when the two of you are too far away to accurately know the pointing angles.

VHF FIELD DAY

The committee of the VHF group are arranging a fun day for you to try your hand at portable operation. Many of the members are getting out their portable antennas and arranging their radios for portable operation. See last issue of the bulletin for the sure fire hints and clues to get you second place. We all know who is going to win, it is who will come second that the real prize is for. So get yourself and a friend or two ready and jump into your car and head for the hills come November to talk radio and get away from the grind for a day. The really simple rules are as follows and mean that it is open to anyone who wants to have a good time.

WA VHF/UHF/SHF FIELD DAY RULES

1. The contest is open to all individual licensed amateurs.
2. All bands above 50 MHz, and all licensed modes, may be used.
3. Points are scored for two way contacts between pairs of stations, at least one of which must be portable, and at least one of which must be in the VK6 call area.
4. For the purposes of the contest, a portable station is one which is being operated away from the usual station address and which is not powered from the AC mains. Mobile stations (including permanently mobile) count as portable.
5. Crossband and repeater contacts do not count towards the score, but may be used for liaison purposes.
6. Each scoring contact is worth 1 point times the following multipliers:

7. DISTANCE MULTIPLIER:

km	<25	25-50	50-75	75-100	100-125	125-150	150-200	200-250	250-300	300+
X	1	2	3	4	5	6	7	8	9	10

THE WEST AUSTRALIAN VHF GROUP BULLETIN

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THE WEST AUSTRALIAN VHF GROUP (INC)
P.O. BOX 189 APPLECROSS W.A. 6163

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BULLETIN ED	BRUCE	VK6BMD	PUBLICITY	TERRY	VK6ZLT
ACTIVITIES	TERRY	VK6ZLT	MUSEUM REP	TOM	VK6ZAF
SEPT	18	COMMITTEE MEETING	OCT	16	COMMITTEE MEETING
	23	FOXHUNT		21	FOXHUNT
	25	GENERAL MEETING		23	GENERAL MEETING
NOV	20	COMMITTEE MEETING	JAN	16	COMMITTEE MEETING
	25	FOXHUNT		21	FOXHUNT
	27	GENERAL MEETING		23	GENERAL MEETING