

Spending My Guinea

(Concluded from page 38.)

in a few weeks for brides-to-be in different parts of the country, because the first one was so pleased, and they were all most enthusiastic about them. They really do make a room, don't they?

Then, too, I could ask her if she would like a crystal fitting for her bedroom, one that would do duty equally well downstairs, or an adjustable plaque lighting fitting that will plug into any point over a table for cards, writing, or sewing. She might like a pair of electric candles or a little motor contrivance that will dry the hair, clean and renovate a fur coat.

I believe, too, you can get tiny electric clocks. And then, there are heating pads, large and small. They are very useful for travelling, especially for warming up beds both away and at home.

Oh, I don't know—there are such a lot of lovely and sensibly useful things one can get for a guinea, or thereabouts, in the electrical way. Let's get on with the spelling.

Trials in Tact

(Concluded from page 30.)

Mandeb, 3; Ben, 4; Miss Rachael Baker, 0; Bonza, 4; Barbara, 0; Clara, 3; Clericus, 3; Campfire, 4; Deerfoot, 5; Duplex, 4; Diabolo, 3; Devon, 4; Ecanan, 4; Effie, 5; Equity, 4; Fanny, 4; Frances, 5; Flirt, 3; Flora, 4; Grace, 4; Gunga-din, 5; Haven, 4; Heather, 3; Hopscotch, 4; Ivy Sen, 5; Irene, 3; Jambic, 4; Jonquil, 4; Jimmy, 3; Mrs. Jones, 4; Kummel, 4; Kate, 3; Kia-Ora, 4; Lucid, 4; Lambton, 5; Michael, 5; Mrs. Mason, 5; Myra, 4; Mavis, 5; Maggie, 5; Maybelle, 0; Nemo, 5; Nintz, 4; Natural, 4; Nomem, 5; Norah, 4; Never-Never, 0; Nippy, 3; Mrs. Oldman, 4; Olivia, 3; Octopus, 0; Open-Door, 4; Oneeny, 5; Pat, 4; Pumpkin, 3; Pansy, 0; Plume, 0; Queery, 4; Quince, 5; Radio, 5; Rosa, 3; Richmond, 0; Radex, 4; Sardonyx, 5; Scylla, 0; Spoofy, 3; Thames, 5; Tuner, 5; Topaz, 5; Tommy, 0; Undine, 5; Unomi, 3; Vivat, 5; Viator, 5; Viola, 0; Verity, 4; Wynward, 3; Weaver, 5; Waterway, 4; Watchful, 0; Xerxes, 4; Xylonite, 5; Yum-Yum, 5; Youngster, 3; Zenobia, 5.

"Deerfoot's" solution of Problem No. 5 was received too late for inclusion in last week's list. It was correctly postmarked and he has been credited with 2 marks.

Short-Wave News From An American Amateur

IT may interest New Zealand short-wave listeners to know that station G2NM, owned by Gerald Marcuse (who was one of the pioneers in short-wave broadcasting), will shortly be transmitting programmes on a wave length of 21 metres. G2NM will be on the air on Sundays from 18.30 until 20.00, Greenwich mean time, according to information I have just received from England, and will also transmit at other times. Station PHI, Huizen, Holland, is now on daily (excepting Tuesday and Sunday) from 13.00 until 16.00, G.M.T., on 16.88 metres.

during April of this year. I have had Zeesen only five times at loudspeaker strength during March. As this station is never on after 6.30 p.m. our time, I seldom hear it well because the Europeans around 31 metres do not attain loudspeaker strength before 6 p.m. at any time of the year. This station is louder than PCJ here, but PCJ transmits special programmes for the American Continent at a time which is favourable for best reception here. KZRM, on 26.3 metres, is very poor here. VK2ME is more consistently received than any European short-wave

How to Govern a Woman Electrically

If she talks too long - - - - -	Interrupter
If she is something of a devil - - - - -	Transformer
If she picks your pocket - - - - -	Detector
If she meets you half way - - - - -	Receiver
If she is too excitable - - - - -	Controller
If she goes up in the air - - - - -	Condenser
If she's hungry - - - - -	Feeder
If she sings out of harmony - - - - -	Tuner
If she is a poor cook - - - - -	Discharger
If she is wrong - - - - -	Rectifier
If she indulges too much in gossip - - - - -	Regulator
If she gets upset - - - - -	Reverser
If she wants to go home to mother - - - - -	Transmitter
If she shocks you - - - - -	Insulator
If she is too thin - - - - -	Amplifier
If you want to know how she feels toward you - - - - -	Sounder

—F.P., in "Wireless Magazine."

The address of PHI is N. V. Philips, Omroep, Holland—Indie, Kelzersgracht, 722, Amsterdam, Holland.

The address of the Zeesen, Germany, station on 31.38 metres, is: Reichspost-zentralamt, Telegraphentechnisches Reichsamt, 11-15 Shoneberger Strasse, Berlin, Tempelhof, Germany.

Short-wave reception has been very poor here since April 5, European stations on all wavelengths being very poor since that date. This month has always been one of the best for European stations, but has been unusually poor this year, as I have had 5SW only four times at loudspeaker volume

station, although the distance is more than twice as great.

The 44 metre U.S. 'phone station reported by so many readers of the "Record" is WND, which is one of the trans-Atlantic 'phones in the New York-London 'phone circuit. The U.S. station referred to by the Gisborne reader in the "DX Club" column as WGAM, Cleveland, Ohio, was undoubtedly WT-AM, Cleveland, on 1070 k.c. or 280.2 metres. He stated that the station he heard was on 1075 k.c. There is no station operating here on 1075 k.c. as the channels here are spaced 10 k.c. apart.

The 1070 k.c. channel is used by WT-AM and the next channel is 1080 k.c. The station referred to by Mr. Morrison (in the March 21 issue of the "Radio Record") near PCJ's W.L., could possibly be NRH, of Heredia, Costa Rica. He mentions hearing donations, acknowledged. NRH has been doing this and the time of day fits in with NRH's transmissions. If he heard this station he has probably made a world's record for DX, as this station uses only 7½ watts power.

The Mexican station he referred to might be XC51, San Lazaro, Mexico, as this station is included in a list I have, but I have no record of receiving it. I have heard NRH at R8 to R9 many times at a distance of 2000 miles. The 26 metre station KAIXR referred to by Mr. Evans was the regular 26 metre short-wave transmitter of KZRM at Manila. The present prefix of the

Philippine Islands is KA. I have heard the new Italian short-wave transmitter, I3RO, on 25.4 metres, testing with gramophone records with volume better than G5SW. These tests have been between 13.00 and 15.00 G.M.T.

The address of I3RO is Ente Italiano Audizioni Radio Foniche, Rome, Italy. The sets I use for SW reception are a 4-valve screen-grid set with a tuned H.F. stage and a 7-valve double detection (super heterodyne) receiver. I am very keen on short-wave reception and I also like to correspond with short-wave listeners. I would be pleased to hear from any New Zealanders.—Fred Easter, 3353 Southside Avenue, Cincinnati, Ohio.

Tips and Jottings

ONE little-known method of overcoming persistent humming interference is to bring a coil associated with the source of disturbance close to the receiver, and arrange the coupling with the coil so that the effect upon the set shall be equal in intensity and opposite in direction to the disturbance which is being picked up.

ALTHOUGH 2-megohm leak may be ideal for ordinary reception, on short-waves this resistance value is generally too low, and 4, 5, 6, 7, or even 8 megohms may be tried to increase sensitivity.

TO many constructors and experimenters the following table of capacities in parallel and in series will be found useful:—

Separate Capacities.		Combination Series. Parallel.	
.0001 and .00025		.000071	.00035
.0001 and .0005		.000083	.0006
.0001 and .001		.000093	.0011
.0001 and .005		.000095	.0021
.0001 and .005		.000098	.0051
.0001 and .006		.000098	.0061
.00025 and .0005		.00016	.00075
.00025 and .001		.0002	.00125
.00025 and .002		.00022	.00225
.00025 and .005		.00023	.00225
.00025 and .006		.00024	.00225
.0005 and .001		.00033	.0015
.0005 and .002		.0004	.0025
.0005 and .005		.00045	.0055
.0005 and .006		.00046	.0065
.001 and .002		.00066	.008
.001 and .005		.00083	.006
.001 and .006		.00085	.007
.002 and .005		.0014	.007
.002 and .006		.0115	.008
.005 and .006		.0027	.011

SOMETIMES a listener will unexpectedly find his dry cell "A" batteries run down just when he requires them urgently, and when he is unable to procure new cells. A visit to a chemist's shop, however, would save the situation. Here is the formula:—First remove the outer cardboard covering of the dry cell, and then take some sharp implement and with it punch a number of holes in the exposed zinc container. Now take a jar large enough to hold the cell and some liquid in addition. Take sal ammoniac and water in the proportion of 2oz. to the pint and dissolve the chemical in the water. When ready, place in the jar with the old cell. Connect to the terminals as usual. This method will considerably prolong the life of cells which are not "too far gone" to rejuvenate.



—If you haven't already heard this cooking hint over the radio, you'll welcome it now.
Better cakes—better scones. Simply add a few spoonfuls of ANCHOR SKIM MILK POWDER to the mixture. Cheaper than ordinary milk—makes your baking lighter, more delicious, more nutritious, and keeps fresh for DAYS longer.

Grocers throughout New Zealand stock ANCHOR SKIM MILK POWDER. Price 1/3 per tin. For Free Folder of Tested Recipes, write to-day to, "Anchor," Box 844, Auckland.