old servant content to touch his forelock and murmur "Yes master" to the Home Office) doing anything about it.

I would dearly like to known the opinions of other amateurs when they have had the American legislation clearly explained, together with the background.

What about an article from you on the subject 'The Other Side of TVI', which could outline the benefits to the amateur of having the law recognise that the transmission is legal but the receiver is faulty, and a detailed write-up of the history and achievement of legislation in the USA.

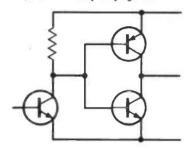
If you do not know much about the subject refer to Hilary G4JKS QTHR.

#### **BASIL CAINES G4PAY**

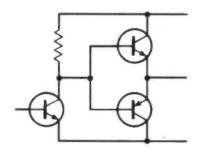
Yes. What a good idea. I'll be the first to join the campaign against 'noisy' appliances. Anybody out there like to write an article on the subject? — Ed.

#### **CLANGERS**

Frank, Ref. HRT May 83 page 15:



Should be



Whoever copied it out of the Radio Amateurs' Examination Manual should have checked. They also drew it incorrectly!

Later editions showed a transformer coupled amplifier. To simply correct the original drawing would have been to admit their mistake and that is something some people just cannot do!

Thank you for an interesting, if slightly 'cocky' magazine. I enjoy the apparent enthusiasm with which it is written.

# RUSSELL KING G8YNY

Sir, please let me correct you on the RAE Answers which are on page 7 of the April edition (Q2 on radio theory). The correct answer should be C: Golf 2 Mike Uniform Romeo, which is the correct NATO alphabet is use now.

Thank you for a very good mag.

# **FRANK MARAS**

#### **METREWAVE**

Frank, In stating that the adoption of directional antennae would reduce congestion on 2m (May issue) Jack Hum made no mention of the need for transmitter power levels to be reduced. If they are not then the area covered by each signal (and hence its effect on congestion) will be likely to increase.

#### RICHARD CLARKE G8UNO

#### CW IN COLCHESTER

Frank, In Newcomers Forum (May issue), Tony Bailey G3WPO, page 22 line 5, says that CW is "little used by comparison".

Maybe so round some QRA squares; down this way (Colchester) it is used quite frequently — there are CW learners' sessions nightly on 145.225 F2A, 144.150 Å1Å, 146.160 Å1Å, and others come on for general rag-chew as well.

Although many sweat to obtain a Class "A" purely in order to go HF, others obtain great pleasure and interest in CW hereabouts on 2m and 70cm.

Best wishes for a very professional publication,

#### LES GANOZ

#### **HOT GEAR**

OM, In the Technicalities column of the March issue of HRT, you are mentioning "hot gear", ie. when the chassis of the rig is hot with RF. As I have been using all kinds of makeshift antennas, mostly long wires of just wires, as most of them have not been that long, I happen to know this problem very well indeed.

My solution to the problem is simple. I connect a 1/4 wavelength of insulated wire to the chassis of the ATU, insulate the other end then route it out of the window or just along the floor. For multiband operation I use one wire for each band and tape them together. I first saw this mentioned in an article about BCI and AFI, in CQ magazine many years back, and later I saw in Amateur Radio Techniques this same solution. In his article, G3VA said that this would also improve the radiation pattern of your antenna. I hope that this can help someone who has the problem of 'hot' gear.

# SIGURBJORN BJARNASON TF3SB

# MORSE TEST MELEE

Sir, I am an SWL who has passed his RAE and has just applied for a Sound B. I will soon follow this with my Morse test and a Sound A. I read your magazine each month; at least those bits of it which are not devoted to the Morse Test Melee. (Letters most months).

Then he come in on top, desperate for some

If you can't read his signal you're going to be worse than ruddy useless to the poor blighter. If your readers were really keen amateurs, interested in self training, they would stop charping and learn the code. Remember the motto: Use it or lose it. Anyway if just one amateur saves just one life because of his knowledge, it must be worthwhile all of us learning the code, just in case.

Having said all that, I do think that the LWC should press for a restricted use of morse on 2m for teaching and practice. Isn't that what it is all about?

#### P M YORKE

PS You must know what LWC means.

# APPEAL

Sir, Amateur radio forms part of the programme of self-training within many Venture Scout units but lack of finance limits the development of this interest in a newly formed group such as ours.

We feel that there must be much idle equipment lying dormant and semi-forgotten in attics throughout the land, and from personal experience I know that it is a painful decision to accede to the XYL's exhortations and 'throw it out'. If donating it to a worthy cause would lessen this pain we would very much like to hear from you. Any equipment or components thus received would, to us, have a usefulness far exceeding its value.

On a personal note — good luck HRT — I have been patiently waiting for you for years.

A MILLS G4KRV (for 29th Wigan Venture Unit) 38 Dunster Close, Platt Bridge, Wigan, Greater Manchester.

#### IT'S BEEN DONE!

Mr Ogden, Re. your comments on increasing the usefulness of the Mizuho MX-2. It's been done, and is called the Totsuko TR-2100M! This device lives in a case about the size of the ubiquitous FT290R, contains 10 AA size Nicads, a 1W PA for portable operation, 10W PA for fixed or mobile use and room for five crystals covering the whole bottom meg in 200kHz slices (the tuning dial has a reduction gear).

Circuitually the two rigs are very similar, the 21.00 sporting an extra IF stage (IF at 9MHz) and a more sophisticated, amplified AGC system.

The price? Somewhat less than your estimate at £110 from a newly 'converted' emporium in Stetchford (Birmingham).

Purchased recently, after inspecting the NEC exhibition for anything better at the price, the rig has produced 5 & 7 reports from the Continent using an HB9CV at an admittedly good site (about 160ft above ground level) on the University of Aston campus in central Birmingham.

I would be interested to see a review of this rig although I have not see it on sale anywhere other than the above mentioned

# N H HIGHFIELD G6AUV