



RAG CHEW

GLOUCESTER AMATEUR RADIO AND ELECTONICS
SOCIETY
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Go to the GARES web site for all the latest news www.g4aym.org.uk
These articles are offered by you the members of the club

Youngest GARES Member by Anne 2E1GKY



Alys Kerr who has passed her Foundation Exam at the age of 10 with Anne and Les G0ULH
Well done Alys M6FNS

Nicknames in South Wales By Roy G3VZR

Having lived in south Wales for 28 years, I became used to this unique Welsh humour and thought this list might raise a smile or two, some were created by me. I don't know if this amusing practice is common elsewhere in Wales because I have only lived in South Wales.

Based on the name Dai - the welsh name David, (Dai is pronounced as dye).

- Dai Small coal – this was the name given to a man who collected slack or small coal lumps dropped in the road when free coal was delivered to miners houses.
- Dai Central Eating – this was the name given to a man with only one tooth in the middle of his jaw.

Some of my creations...

- Dai Oxide – this was the name given to the Chief Metallurgist at the Hoover factory
- Dai Pole - this was the name given to the Chief Electrical Engineer (a radio ham)

- Dai Peroxide - this was the name given to the Chief Chemist
- Dai Legs and Braces - this was the name given to a man who wore bib & brace overalls with his braces showing
- Dai Agony - this was the name given to a man who was a habitual grumbler
- Dai Abolical - this was the name given to a man who liked to tell outrageous stories
- Dai Namo this was the name given to the electrical maintenance man.

If there are members of the club who know of more Dai Names, perhaps you might be able to make contribution to this Dai list.

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[Just a thought after typing this:

Dai list – could be the telephone operator!

Dai Namic – could be a gymnast].

If you have any Dia's to add please send them to [brian.millard60@gmail.com](mailto:brian.millard60@gmail.com)

### Camera Batteries by Brian M6BRi

A friend had a problem with the camera that is a factory fit on his car, the camera is Bluetooth connect- ed to a screen in the car. The camera would operate for just a few seconds and then lose power and switch off. A replacement battery is not available; the vehicle manufacturer only offers a replacement camera - costing £400!

My friend “googled it” and up came good ol’ You Tube...

Somebody had re-stuffed this type of camera with standard rechargeable AAA batteries.

Because standard batteries are longer than tabbed batteries, (positive terminal x2 gives added width of 3 mm (1/8 inch)) on You Tube he had to modify/hack the camera casing, which in his words which was not easy)...



Standard batteries with the protruding positive terminals



The camera body that had to be modified for standard rechargeable batteries

“Brian you’re a radio ham what do you know about rechargeable batteries?”

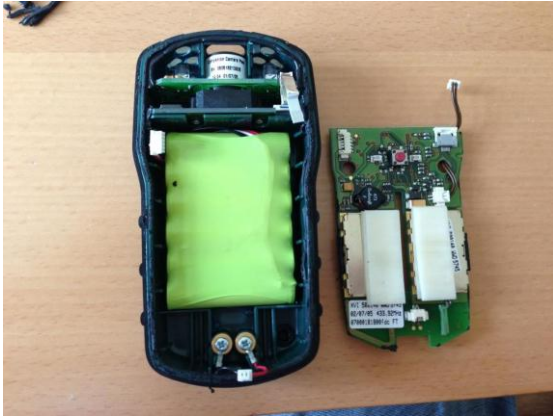
My friend went on to explain about the camera not working and his guide find on You Tube. I explained that the batteries were Nickel cadmium (NiCd) – they are no longer available and that we could re-stuff the camera with tabbed Nickel metal hydride (NiMH).

The on-line best price of £1:95 each, we needed 6. He was going to order them on-line at the weekend. The same weekend I went to Newbury Radio Rally, a great rally to go to, with a lot of stalls and good bargains on sale. I even found a valve that Ian G3TDT has been searching for.

I bought the 6 AAA (NiMH) tabbed batteries that I needed for the camera at the bargain price of £6:60! (That is after haggling down from £8) and text messaged my friend not to order any batteries.

I de-soldered and removed the wiring and heat sensor from the old battery pack to use again, then

checked the original batteries of how they had been assembled, drew a quick sketch and started to assemble the new battery pack.



The camera was opened to reveal the original Nickel cadmium (NiCd) batteries

The batteries had to be joined in series to produce 7.2 volts. The batteries have tabs at both ends, so to make things easier I tinned the contacts so that the tabs that could be overlapped and soldered, so not to apply heat direct to the battery end face and preventing the batteries getting heat shock, which is dangerous and also leaves a battery useless. With the batteries assembled and soldered together I checked the voltage (7+ volts). I soldered the wires and heat sensor to the terminals covered it with shrink tape and applied warm air with the heat gun to pull it all together.

Next day we put the unmodified camera together with the new battery pack and it worked as it should. My friend was very pleased. From £400 camera down to £6:60 – A good result. He paid me £10:00 and to keep the change...on Friday last when I got to the office there on my desk was a case of different local brewery beers as an unexpected thank you. I shall check and see what the bottles are stuffed with whilst on holiday...

*THIS EMPTY SPACE COULD BE FILLED  
WITH YOUR ARTICLE*

Thank you to those who have contributed to your issue of Ragchew  
If you have an article to share; projects, old stories, jokes or cartoons, trips, interesting non radio  
interests - email it to me or give it to me on paper at the club  
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