

That was Summer!

By the time you read this the Telford rally will have passed. I was able to get along, not having any commitments on the day. I found it was better than last year because there were more traders {this was because it did not clash with another Rally} I certainly enjoyed the day out & within the 24 years the rally has been held I think I have missed only two. My thanks to the Telford Amateur Radio Society in all the hard work in organising the event & look forward to next year & meeting old & new friends.

After the July report which I write at the end of the month, I still had that super day out at Bletchley park in mind & the re-enactment that prompted me to ask if I could take part in the Severn Valley Railway 1940s weeken which this year was held over two weekends. I was in the second one and what a great time Glenys & Myself had in entertaining the visitors on the trains and at the stations along the route with the Uke. I must admit I had mixed feelings and wondered what I had let myself in for and how it would go. Every body joined in and it made a great weekend. Amateur Radio was not far away on the Sat going up to Bridgnorth in the same carriage I was in conversation with a fellow and his wife. I found out he is licensed GW4CBR, its a small world it was the same on Sun when at Arley I came into contact in military uniform Ben G4BXD. It was My first visit to the Severn Valley in all the years since it started. It will not be the last because Glenys & Myself have become members & volunteers & enjoy a day working on renovation.

During the summer break from meetings both with the Society & Organ trust & visiting exhibitions I have had very little time for amateur radio or other interests because I have managed to complete the long overdue house re wire which lasted for 6 weeks,

getting floor boards up, moving furniture. Its not easy, especially when power has been off & its getting dark. One thing I have done is to run coax feeder under the floorboards into the computer room ready to install radio equipment for SSTV which I have mentioned in previous reports. I have recently in between all the fore mentioned work assembled the computer mark 2 at present I have to find how to load win 95. It is a problem at present it may be the mother board?

Did anyone see the E&S on sat July 22nd there was a photo of former STARs president Eileen Tracey who along with another charity worker as had a house named after them. I had plans to go to the truck stop radio rally on the A5 which was on the 29th July I was at a strawberry fair & doing a bit of entertaining at the nursing home in Hereford.

Still with July in mind I enjoyed the talk on linux by Malcolm I will try it on the MK 2 when it is running. Finally events to look forward to this month are Leicester 21st/22nd Sept & 23 rd vintage communications fair at the N.E.C.& looking on ahead the 12th Mars Radio & Computer Rally will be held on Sun 18th at Camp Hill School For Girls Vicarage Road, Kings Heath.

Best 73s Roving Reporter Malcolm G8BOP

FOR SALE

**Sony single slot car CD
player/tuner with wired
remote controller £75**

contact James G7HEZ

More minutes and seconds!

Report of committee meeting held on Monday 30th. July 2001.

The sale of redundant club equipment was discussed now that the cupboard had been sorted out. It was agreed that the none required kit should be put in the December annual surplus sale, with the exception of the military 107R transceiver. Further attempts would be made to ascertain the current value of this set before selling. Meanwhile investigation into the new rig to purchase is continuing.

The committee are now happy to report that the keys to the room adjacent to the Shack have been obtained on a permanent basis. This will mean that the club is able to offer a diverse club evening, for those wishing to operate the rigs and for those wishing to have a quieter evening in a separate room discussing radio matters over tea / coffee and biscuits provided by the club. It is hoped that some members seen at less frequent intervals might now feel that the club is progressing and has more to offer them.

Due to the atrocious weather on the day originally set for investigating the erection of the HF beam this work is now to be carried out on 13th August. However the club night prior on 6th August is to be a "field night" at the Sheep walks.

After discussions with Wayne, the "Stourbridge News" has agreed to accept an article from him detailing the work carried out by the club. Tony (M1CZH) pointed out that they had recently reported on radio amateurs from Zimbabwe now returning to Stourbridge and it was agreed to invite them to a club evening.

The updating of the chain of office is now in progress and completion date will be reported as soon as available.

The formation of a sub committee has taken place to organize The New Headmasters

dinner and Christmas dinner. Full details of venue cost and date will be published in "Starlight" as soon as they are available.

Posters prepared by Richard (M1DBC) will shortly be appearing around the School advertising the next novice course to be run by the club and also inviting interested student to join the club. It was further suggested that a project should be started to encourage Old Swinford Hospital to join with the club to offer wider facilities to the school students. This could take the form of satellite technology which is at present being covered in Radcom. Further investigations are to be carried out and an evaluation of equipment required and cost involvement will be prepared before progressing the matter further.

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further details to follow

The Story Behind the Photograph



Here is another example of how Amateur Radio helps in making friends.

Last year while away with the caravan we stayed at Houghton Mill, a nice site right by the river and National Trust Mill. Shortly after arriving I noticed what appeared to be a 2M antenna mounted behind another caravan and a 2M/70cm antenna on the car. While having a walk around the site later on, the owners of this outfit were sat out and I asked him what his call sign was and told him mine. The amateur was Terry Wood, G7VJJ and his wife Barbara and during our chat found out that they came from Dorset and lived about 20 miles from our son Matthew. He had been introduced to amateur radio by one of his son-in-laws, who also lived in Dorset. Now, this is the interesting bit - his son-in-law was none other than the "other" Richard Newton, G0RSN, who appears in print in Practical Wireless with various equipment

reviews.

Richard is also a caravanner and was in fact away in Minehead (his home town) that weekend and was testing out an Auto ATU for PW, Terry arranged for us to have a sked on the Saturday morning. We had a short sked on 40M and I was in fact mentioned in the review that was printed.

Since this first meeting, we have kept in touch with Terry & Barbara, met them at the Wimbourne Hamfest and at other times while down at Matthew's and they came to Bletchley for the weekend when we went to that area for the RSGB Rally earlier this year. The Longleat Rally is also a family outing for Terry as both he, Richard and family stay at the Longleat Caravan site, together with Richard's brother William, also licensed and a caravanner, in fact their late father was also licensed. As we also stayed at Longleat, it

was an opportunity for the "two" Richard Newton's to meet face to face.

Richard was again doing a review for PW and had with him a Kenwood TS50, one of the first small Transceivers (still available today) and on the Saturday morning they set up a HF antenna and the equipment in Terry's caravan awning. This photograph, take by Barbara, shows Terry VJJ, Richard EWH and Richard RSN operating the TS50. You can read the review and see other photographs in the September issue of PW, page 42.

I have also met other amateurs who are also caravaner at Elvaston such as Pat, G0GEB and keep in touch via email. Elvaston is another nice site that is even closer to the rally site, so what about making a Stars Caravan event at one of the rallies this next year? I usually meet some Stars members at various rallies during the year including our Roving Reporter Malcolm, G8BOP and ex-members Stuart, G0TBI to name a few.



The following is an actual question given on Durham University chemistry exam, mid-term:

Question 1A - 'Is Hell exothermic (gives off heat) or endothermic (absorbs heat)? Support your answer with a proof.'

Most of the students wrote proofs of their beliefs using Boyle's Law (gas cools off when it expands and heats up when it is compressed) or some variant. One student, however, wrote the following:

First, we need to know how the mass of Hell is changing in time. So, we need to know the rate that souls are moving into Hell and the rate they are leaving. I think that we can safely assume that once a soul gets to Hell, it

will not leave. Therefore, no souls are leaving. As for how many souls are entering hell, let's look at the different religions that exist in the world today. Some of these religions state that if you are not a member of their religion, you will go to Hell. Since there are more than one of these religions and since people do not belong to more than one religion, we can project that all people and all souls go to Hell. With birth and death rates as they are, we can expect the number of souls in Hell to increase exponentially. Now, we can look at the rate of change of the volume in Hell because Boyle's Law states that in order for the temperature and pressure in Hell to stay the same, the volume of Hell has to expand as souls are added. This gives two possibilities: -

1) If Hell is expanding at a slower rate than the rate at which souls enter Hell, then the temperature and pressure in Hell will increase until all Hell breaks loose.

2) Of course, if Hell is expanding at a rate faster than the increase of souls in Hell, then the temperature and pressure will drop until Hell freezes over.

So which is it?

If we accept the postulate given to me by Ms Therese Banyon during my Freshers year "That it will be a cold night in Hell before I sleep with you", and take into account the fact that I still have not succeeded in having a relationship with her, then: 2) cannot be true, and thus I am sure that Hell is exothermic.

The student got the only A.

UK Band Plans Use of the allocated bands in the UK is voluntary to a large extent. Providing your signal remains within the band edges you may transmit using any mode you like, but see the booklet BR68 from the Radiocommunications Agency. The voluntary band plans are as follows:

1.810-2.000MHz (160m)	29.300-29.550	Satellite downlinks
1.810-1.838 CW only	29.550-29.700	Phone and CW
1.838-1.842 Digital modes (excluding packet radio) and CW		
1.842-2.000 Phone and CW		
	50.000-52.000MHz (6m)	
3.500-3.800MHz (80m)	50.000-50.100	CW only
3.500-3.580 CW only	50.100-50.500	SSB and CW only
3.580-3.620 Digital modes and CW	50.500-51.000	All modes
3.620-3.800 Phone, CW, SSTV, Fax	51.000-51.125	SSB and CW only
	51.125-51.410	All modes
	51.410-51.830	FM
	51.830-52.000	All modes
	70.000-70.500MHz (4m)	
7.000-7.100MHz (40m)	70.000-70.030	Beacons
7.000-7.035 CW only	70.030-70.250	SSB and CW only
7.035-7.045 Digital modes, SSTV, Fax and CW	70.250-70.300	All modes
7.045-7.100 Phone and CW	70.300-70.500	FM phone and packet radio
	144.000-146.000MHz (2m)	
10.100-10.150MHz (30m)	144.000-144.150	CW only
10.100-10.140 CW only	144.150-144.500	SSB and CW only
10.140-10.150 Digital modes	144.500-144.845	All modes
	144.845-144.990	Beacons
14.000-14.350MHz (20m)	144.990-145.200	FM Repeater inputs
14.000-14.070 CW only	145.200-145.600	FM simplex
14.070-14.099 Digital modes and CW	145.600-145.800	FM Repeater outputs
14.099-14.101 Beacons	145.800-146.000	Satellite uplinks/downlinks
14.101-14.112 Digital modes, phone and CW		
14.112-14.250 Phone, SSTV, Fax and CW	430.000-440.000MHz (70cm)	
14.250-14.350 Phone and CW	430.000-431.000	All modes
	431.000-432.000	All modes - see note
18.068-18.168MHz (17m)	432.000-432.150	CW only
18.068-18.101 CW only	432.150-432.500	SSB and CW
18.101-18.109 Digital modes and CW	432.500-432.800	All modes
18.109-18.111 Beacons	432.800-432.990	Beacons
18.111-18.168 Phone and CW	432.990-433.000	All modes
	433.000-433.400	FM Repeater outputs
21.000-21.450MHz (15m)	433.400-434.600	FM simplex and packet radio
21.000-21.080 CW only	434.600-435.000	FM Repeater inputs
21.080-21.120 Digital modes and CW	435.000-438.000	Fast-scan TV and satellite uplinks/downlinks
21.120-21.149 CW only	438.000-439.800	Fast-scan TV
21.149-21.151 Beacons	439.800-440.000	Packet Radio
21.151-21.450 Phone, SSTV, Fax and CW		
	note to 431-432MHz sub-band: This sub-band is not permitted to be used within a 100km radius of Charing Cross, London.	
24.890-24.990MHz (12m)	1240.000-1325.000MHz (23cm)	
24.890-24.920 CW only	1240.000-1243.250	All modes
24.920-24.929 Digital modes and CW	1243.250-1260.000	ATV, FM TV repeater inputs
24.929-24.931 Beacons	1260.000-1270.000	Satellite uplinks
24.931-24.990 Phone and CW	1270.000-1272.000	All modes
	1272.000-1291.000	ATV, FM TV repeater input
28.000-29.700MHz (10m)	1291.000-1291.475	FM Repeater inputs
28.000-28.050 CW only	1291.475-1296.000	All modes
28.050-28.150 Digital modes and CW	1296.000-1296.150	CW
28.150-28.199 CW only	1296.150-1296.800	SSB
28.199-28.201 Beacons	1296.800-1296.990	Beacons
28.201-29.200 Phone, SSTV, Fax and CW	1296.990-1297.000	All modes
29.200-29.300 Digital modes, phone and CW	1297.000-1297.550	FM Repeater outputs
	1297.550-1298.000	FM simplex

