



TARS TALK

Official Magazine
of the
Torbay Amateur Radio Society

Number 79

Autumn 2009



*Sue Bingham enjoying herself at the Visit to Totnes Fire Station visit in August.
Photo: Colin G4FCN*

Your Elected 2009/10 Committee

Chairman	Pam Helliwell – G7SME
RSGB Liaison	1 Beechfield Ave, Barton Torquay, Devon TQ2 8HU 01803 326033
Secretary	Mike Dixon - G1TUU 118 Kings Ash Road Paignton, Devon TQ3 3TU 01803 557941
Treasurer	Colin Coker - G4FCN 46 Clarendon Road, Ipplepen Newton Abbot, Devon TQ12 5QS 01803 812117
Membership Secretary	Ged Coker G6CLD
GB3TR	Bill Butchers - G8XST
Club Equipment Co-ordinator	Peter Tanner - G4VTO
Website Host	David Bowyer – M1AEI
Training co-ordinator	Larry Hill - M1ARW
PRO	Mike Garry – 2E0PDL

You can e-mail members of the committee at callsign@tars.org.uk

There are a number of vacancies on the committee. If anyone is interested in steering the future of your society, please contact anyone on the committee. There is no requirement for you to attend the Society meetings every week. The Committee meet once a month, where again there is no requirements to attend every meeting.

Other Society Officials

President	Derrick Webber – G3LHJ
TARS Contest Manager	
TARS TALK	Dave Helliwell – G6FSP
TARS Contests Adjudicator	

Date for next copy:
30th December 2009.

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Notice of Annual General Meeting of the Torbay Amateur Radio Society

Mike G1TUU

The Societies AGM will take place on the 26th February 2010 at 8pm sharp.

Members wishing to stand for the committee should put their name forward on the society's notice board at the Club HQ, or they can send an e-mail to committee@tars.org.uk volunteering their services.

Any members having anything that they would like to see raised at the meeting should send it to the Secretary by no later than 19th February 2010. As always with an Annual General Meeting there will be no "Any Other Business".

The minutes of the 2009 meeting will be published in the next edition of TARS TALK, and members are requested to read them prior to attending at the meeting.

Members are reminded that they must have paid their membership fees for 2010 to be able to vote on issues that are raised at the meeting

Mike G1TUU - Society Secretary

Chairman's Chat

Pam G7SME

With the Summer programme complete, culminating in a very successful rally on 13th September we now find ourselves into Autumn with the darker evenings naff all on TV giving us a final few months to get on the radio and think about entering the TARS competitions.

We have a packed programme of guest speakers for you for the remainder of the year, Police Communications, Instant Morse and then the Christmas Party and Quiz.

I have given you all fair warning to start swotting up on General Knowledge so we have a good team or two to take on the visiting clubs that will be invited.

We will also be running a Christmas Meat Draw again. This always seems popular, and the meat provided is very good quality and very tasty.

As in previous years, we will be asking for donations toward the Prize draw and a plate or two of something nice to eat, to put on a communal table for all to enjoy.

I would like to take this opportunity to thank everyone who helped with this year's rally, from assisting in the car park, helping traders in with their stock, to running the club tables, the tombola, white elephant, training, GB3TR and 90/10, even if you were just visiting, you all helped make Mike Dixon's and Mike Nicholls first rally a great success. If you don't believe me, check out the website and view the photos.

All the best 73's and 88's

Pam G7SME

Local Rally Calendar

1st November – Holsworthy

22nd November – Plymouth

2010

7th March – Exeter

25th April – Yeovil QRP convention

3rd May – Dartmoor (Tavistock)

27th June – Frome

8th August – Flight Refuelling (Wimborne)

12th September – **TORBAY**
(provisional date)

2010 Call Books

Do you need a new call book?

If so please contact Pam G7SME and get one for just £15.00 – that is a saving on the RSGB members price of £1.14 – a bargain in these times!

GENERAL ENGINEERING

- ★ New Parts made or repairs, single items to small batches
 - ★ Manufacture and welding in most materials, steel, cast iron, stainless, bronze and aluminium at our workshop
 - ★ Structural steelwork and "ironwork"
 - ★ Nuts, bolts and steel stocked
- BURKE ROAD, TOTNES INDUSTRIAL ESTATE
Tel/Fax: (01803) 864528

PETER TANNER

Rock and Roll Radio – Part 1

Peter - G4VFG

When our age is rapidly heading for a free bus pass, it is interesting to reflect on the journey. To coin the lyrics of a pop song- "We don't know where we're going but we sure know where we've been".

Everybody has a different story well worth relating, so here is mine. Let's get aboard the time machine, which unlike the Tardis of Doctor Who, looks uncannily like a Morris Minor.

In 1955 our family lived in a flat in Citadel Road Plymouth, which is only a short walk from the Hoe, where it is said that Drake finished his game of bowls, before having a pop at the Spanish armada!

Plymouth was very different than it is now, although much rebuilding of the city centre was already taking place. Less cars were about, and there were plenty of Morris Minors, Austin A30's, and Ford Populars. Better off people might own a Riley, Wolseley, or a Rover. The occasional thump of a British Motor bike could be heard. There was even a rag and bone man who still drove a horse and cart, and I believe the odd brewer's dray was also horse drawn.

At this time there were more buses on the main streets than cars. These were mostly variations of Leyland types, with open rear platforms, which meant that you could board while the thing was still moving!. You could also fall off it as easily, which was not nice. I know because as a lad, I

did! Health and safety would have had a field day, but then they have taken the fun out of everything. Prior to 1941, Plymouth was a crowded place with many bustling and narrow streets. The Heinkels came, and it all changed. Some time later, with plans in one hand, and a dirty great steel ball in the other, the so called town modernisers made an even worse mess. Several buildings that survived the war, were flattened in the sixties, which is a pity. One of these housed a Radio shop of which more later. Drake's circus has, in the last few years been rebuilt yet again and houses one of those trendy shopping arcades. It sells the sort of designer clothes worn by young things, but which would look daft on an old guy like me. Never mind there is still Marks and Sparks where you can still get a reasonable pair of trousers, and as mentioned in a previous article, a colour tele!

I will, before returning to the fifties, share this recent anecdote. A group of German tourists were being shown Plymouth on a coach trip. They had driven down Exeter street towards the frontage of the new Drake Circus area to the roundabout which surrounds the old ruin of the bombed out church of St Charles. One tourist asked what the old ruined church was and the guide with a chuckle said "That's the one you lot bombed in 41". To prove that humour can cross borders people laughed.

While there were several bombed out shells of houses some with blackout blinds still covering the windows, and numerous rows of Nissen huts, there were some new

stores up and running in smart new concrete and brick buildings. Orange juice was still rationed for some reason until the mid fifties, but I cannot recall anything else that was in short supply, save money, but then what else is new. There were no credit cards, but shoppers were tempted into buying new goods on hire purchase, or the never never as some called it. People were not allowed to run up big debts because a letter typed in red would soon come in the door after a default. On one such visit to town my father staggered in the front door with a large box, which contained a so called portable television. It was covered in dark green rexine, and had a V whip dipole aerial. The corners were rounded off, and it looked very smart. There was only one channel, which did not seem to be on much. You had to put up with music and watch the test card. We had two wireless sets, one of which was an Ecko battery portable with a frame aerial. It used the DF series of valves and required a large B126 battery to provide the 90v Ht, and 1.5v Lt. These batteries were not cheap, so the thing was used sparingly. Our main set was a Marconi radiogram about the size of a fridge freezer. It covered Long Medium and Short, and had seven valves of the 42 series plus a magic eye. Now here was a real Radio set. Pop music was only carried, by the BBC Light programme, and at night there was Radio Luxembourg.

The first pop record that hit the spot for me at the age of five was Bill Haley and his comets with Rock Around the Clock. There is no doubt that music from an eight inch speaker driven by a KT42 delivered a nice

oomph. The sound of the old valve took nearly two decades to equal as far as domestic radio was concerned. It was that early impression that convinced me to run my mobile disco with valve amplifiers, and heavy duty Goodmans speakers. Four EL34's in stereo fill a village hall with a good volume.

The old radiogram was the starting point of interest in that band of strange tongues and weird noises called short wave. I spent many happy hours spinning the large tuning knob and watching the effect of different stations on the magic eye tuning indicator, which I later discovered was the top of a Y63 valve. This old radiogram had a large dial which glowed orange and there were many station names printed upon it.

I required an atlas for school, and soon found out where some of these places on the dial were. Geography has remained of interest to the present day and I would much rather read a map than one of these Satnav thingies. I found that some stations could be heard better at night and although propagation was something my Father mentioned to do with gardening, I was learning about radio propagation without understanding any of the terminology. The gramophone section of the old radio, was an electromechanical masterpiece. It had large chrome plated devices to hold the records until they were played. I was fascinated to watch this thing perform. We possessed a collection of 78rpm records at the time both in 10 and 12 inch. There was a shop in Plymouth which still sold new 78

records and several Rock and roll artists were to be seen on posters on the wall along with their 78rpm records each in a stiff cardboard cover. Although these records were durable enough to be played with a needle the size of a panel pin, you did not drop them as they were very brittle and could end up in several pieces, if roughly handled.

The radiogram required an aerial and so I was introduced to the wire antenna, complete with egg insulators at an early age, and have been a wire aerial man ever since.

We had a manual for this old set, and this contained a comprehensive plan of all the parts and showed a wiring diagram. I had discovered the strange world of the circuit diagram of what was described as an all band Superhet.

I had no idea what a superhet actually was, but I thought that it must be good because anything with the word super in it must be a bit better than something just ordinary. Even in the fifties the advertisement boys were trying to sell the great British public out of post war austerity.

That is a convenient point to wind up the first of what could become a mini series, so until the next one, the very best of good listening.

Peter G4VFG/G20322

Morse Code

Colin – G4FCN

These are the introductory notes I put together before we started the classes. From the initial 10 “super keen’s”, we started off with just 5! For anyone who has knowledge of the code, then after we have finished the initial learning stages, you will be welcome to join us for a few weeks to polish your skills.

Objective:

- To send and receive Morse code up to about 15 words per minute (or more!)

How long will it take?

- That is entirely down to you

What do you need?

- Note pad, (squared paper may be useful for you initially)
- Couple of pencils
- Much later – Morse key and oscillator - not touch key until at least 9 or 10 wpm reading

Method to be used:

- Week 1 – first 4 + 1 number
- Week 2 – next 4 + 1 number
- Week 3 – first 8 + 2 numbers
- etc

Depending on you, we may get on quicker than this. We will finish off with basic punctuation

Practice:

- Little and often, suggest two or three short sessions per day, no

more than 15 or 20 minutes at a time

I cannot teach you Morse ... only guide you. Learning the code is down to practice practice practice

There will be no test at the end ... Just your achievement in reaching your goal. We may produce a certificate of merit. If you can reach the five words per minute and above we can arrange for you to be assessed by the local RSGB Morse assessor

Method:

- Morse code is rhythmic. All characters right from the beginning will be set at approx 15 wpm, so you listen to them as a rhythm and not dots and dashes, with the gaps between the letters made very long to give you thinking time. As you progress, these gaps will be made shorter.
- When you are proficient with letters and numbers we will move on to plain (ish) text! Try not to anticipate the next letter ... you may (and probably will get it wrong!)

The Morse you will hear will be computer generated, with perfectly formed characters with no interference, or other distractions. When you are proficient we can introduce QRM.

If you would like to go on the list for when we start again, please speak to Colin G4FCN.

TARS RALLY

Mike G1TUU

Mike G3LQX

First off a big thank you for all those of you that came along to help to set up, man the various stands and reception areas and clear away after the rally.

Also a thank you to those of you that came along to spend your money.

Next year's rally will be again at the Race Course, provisionally on the 12th September 2010.

Ged G6CLD

I would like to thank all the club members that donated goods for the white elephant stall, we did even better than last year.

Secondly, I would like to thank my "staff", Sue and Roy for all their hard work before and on the day; all the goods that were left over have been given to Brainwave charity shop in Chudleigh.

TARS Contests

Dave G6FSP

It is getting to that time of year where the TARS contest entries need to be submitted – the entry deadline is 29th January 2010 for the 2009 season. The contests run from 1st January (or when you joined TARS) to the 31st December.

You can submit your entries in electronic form to me at g6fsp@tars.org.uk. If you prefer to submit your entry in paper form you can send it for my attention to the Post Office Box or hand it to me (or Pam) on a club night.

You can obtain the cover sheets and entry sheets from the TARS web site (www.tars.org.uk and select TARS Contests from the menu on the left) or from direct from Derrick. If you need an entry forms that you can complete electronically please contact me direct. You will also need to submit copies of you log to support your entries.

For the activity trophy please contact me and I will let you have a check sheet, again I have them electronic form or hard copy – the electronic form (in Excel or Rich Text Format) is the preferred method of entry for this competition, as makes it easier to adjudicate. However, do not worry if you cannot submit it electronically.

For details and rules of the contests please look in you handbook or on the website. If you do not understand anything please contact Derrick or myself and we will try and help.

Membership Matters

Ged- G6CLD

We have three new members since the last Tars Talk:

M6TUK John Yunnie
Blackawton
johnyunnie@talk21.com

M0AKR Ken Daniels
Plymstock
moakr@talktalk.net

G4NNP Donald Andrews
New Milton
don.g4nnp@btinternet.com

If you change your address, telephone number, or email address please do not forget to let me know.

Just as a reminder subs fall due on the 31st December, and must be paid by the AGM. You can send me your subs via the post office box or see me on a club night. As a reminder the subs (which once again remain unchanged) are:

Full	£15.00
Joint	£20.00
Junior	£ 5.00
Associate	£10.00
Family	£22.50
Life	£500.00
Honorary	£15.00

73 and 88

Ged

Letter to the Editor

TARS Contests (3)

It is a pity that it is not possible to discuss contesting without the thing going pear shaped.

The Practical Wireless QRP contest manager received some feedback requesting they adopt the kilometre distance method of scoring, instead of the simple number of contacts multiplied by the number of squares way currently employed. The manager asked for comments, and from the replies received, concluded that the majority were happy with things as they were.

The matter was discussed in a proper manner without people getting shirty.

It is worth noting that the kilometre distance method requires a computer programme to be done with any accuracy. I looked on the net at the library but could find no such site available. I did find info on the distance of VHF propagation beacons from ones location which was of interest.

In conclusion I would like to make the observation that Amateur radio has many facets, and that everyone has their favourites. What suits one person does not necessarily interest someone else. After all at the end of the day it is only a hobby.

All the best Peter G4VFG/G20322

Contest News

Derrick – G3LHJ

The Sun still will not come out to play - band conditions over the past three months have been pretty poor. There has been some good DX about although harder to work, and of course the contests have suffered on 15/10M, so when do we see some improvement in conditions ?? even 6M has gone very quiet.

The RSGB IOTA contest was a good event for me, some activity on 10/15, but the main band was 20M and LF in the dark hours. My score was a little down on last year, mainly the number of Multipliers. I was pleased to hear a few of our members having a go - even our new M6 Andy M6WLM put in a SSB entry.

The RSGB 80M Club Championship is over for another year. We were way down on last year's number of members taking part, which is a shame. The duration of the contests are only one and half hours and during the weekdays. We came 14th out of 80 other Clubs.

From Aug to Nov we have the RSGB 80M Sprints - the times are the same as the CC's, but on different days and only CW and SSB. Its good fun hopping about the band and certainly gives the smaller stations a chance – the loud stations cannot stay on one frequency all the contest. After the August results TARS is positioned 4th out of 37 Clubs.

There is one other Club event coming up and that is the RSGB Club Calls on Top Band on Sat 14th Nov – Ken G3SNU and

Peter G4VTO are our main operator's, but have ago.

CONTESTS ENTERED BY MEMBERS

2009 RSGB 80M Club Championships.
(Qso's)

June CW:-

Derrick G3LHJ (qrp) - 69,
Dave G3MIR - 64, Ken G3SNU - 45

June Data:-

Ken G3SNU - 48, Derrick G3LHJ - 44,
Brian 2Q0TQR - 18

June SSB :-

Derrick G3LHJ - 91, Ken G3SNU - 82,
Bob G0KYS - 62, John G4VUD - 60,
Mike G1FON - 58, Les G0NUZ - 55,
Geoff G3GS - 36, Austin G7RFB - 28,
Peter G4VTO - 28, Brian 2E0TQR - 8.

July CW :-

Derrick G3LHJ (qrp) - 73,
Dave G3MIR - 68, Ken G3SNU - 51
Dave G0WWD - 18.

July SSB :-

Ken G3SNU - 85, Bob G0KYS - 68,
Dave G3MIR - 68, Ken G3SNU - 51,
Dave G0WWD - 18.

July SSB :-

Ken G3SNU - 85, Bob G0KYS - 68,
John G4VUD - 52, Mike G1FON - 50,
Peter G4VTO - 37.

July Data :-

Ken G3SNU - 48, Derrick G3LHJ - 42,
Brian 2Q0TQR - 13, Geoff G3GHS - 9.

2009 RSGB 80M Sprints (Qso's)

Aug CW :-

Derrick G3LHJ (Qrp) - 38,
Ken G3SNU - 23.

Aug SSB :-

Bob G0KYS - 57, Derrick G3LHJ - 47,

Ken G3SNU - 40, Les G0NUZ - 38,
Andy M6WLM - (Qrp) 22.

Sept SSB :-

Bob G0KYS - 59, Derrick G3LHJ - 46,
Ken G3SNU - 39, Brian 2E0TQR - 11.

2009 CQ WW WPX CW Contest.

Derrick G3LHJ -SO QRP All : 379Q's, 267
Mults, 685 Pts, 182,895 Total Pts
Dave G3MIR - SO High All : 603 Q's, 386
Mults, 452,006 Total Points.

2009 RSGB / ARIU National Field Day.

Derrick G3LHJ - 175 Qs' (just having fun
and giving the guys some points)

2009 ANARTS (RTTY) Contest.

Ken G3SNU - 244 Q's, 94 Mults, 957 Pts,
449,790 Total Points.

Brian 2E0TQR - 100 Q's, 179310 Total
Points.

2009 All Asia CW Contest.

Derrick G3LHJ - 20M High Power - 80
Q's, 55Mults, 4400 Total Points.

Dave G3MIR - 35 Q's (just testing out
new Solid State Linear).

2009 DL- DX RTTY Contest.

Ken G3SNU - 185 Q's, 50 Mults, 2087 Pts,
104,350 Total Points.

Brian 2E0TQR - 60 Q's, 36 Mults, 24,588
Total Points.

2009 Summer O-QRP W Contest

Derrick G3LHJ - 14 Q's (very poor
condition for QRP)

2009 DMC Bulgarian RTTY Contest.

Ken G3SNU - 172 Q's, 65 Mults, 11,180
Total Points.

2009 RSGB 80/40M Low Power Field Day.

Derrick G3LHJ – 10Wts Fixed Category – 70 Q's – 845 Total Points.

2009 RSGB IOTA Contest.

Derrick G3LHJ – SO -12Hr = Low Power – CW – Category 443 Q's, 109 Mults, 2805 Points, 305,745 Total Points.

Dave G0WWD – SO -12Hrn- Low Power – SSB – Category 121 Q's, 42 Mults, 951 Points, 39,942 Total Points.

Andy M6WLM – SO - 12Hr - Low Power – SSB – Category. 42 Q's, 19 Mults, 330 Points, 6,270 Total Points.

Dave G3MIR – 240 Q's, 103 Mults, 240 Points, 24,720 Total Points.

Derrick G3LHJ – 101 Q's, 69 Mults, 101 Points, 6,969 Total Points

2009 RSGB ROPOCO 2 – CW Contest.

Derrick G3LHJ – 48 Q's, 480 Total Points.

2009 TARA Grid Dip Aug RTTY Contest – Derrick G3LHJ – 20 Q's.

2009 RDA Russian CW Contest,

Derrick G3LHJ – SO All Low – 119 - Q's, 97 - Mults, 1190 Points, 115,430 Total Points

2009 SARTG RTTY Contest .

Ken G3SNU – 215 Q's, 157.320 Total Points.

2009 SCC RTTY Contest.

Ken G3SNU – SOALL –175 Q's, 107 Mults, 40,018 Total Points.

Derrick G3LHJ – SOALL –162 Q's, 91 Mults, 31,213 Total Points.

Brain 2E0TQR – SO 20M – 90 Q's.

2009 EPC Russian PSK Contest (new one)

Derrick G3LHJ – SO All High – 119Q's, 112Mults, 701Pt5s, 78,512 Total Points.

Ken G3SNU – 182 Q's

2009 CIS DX QPSK63 Contest.

Derrick G3LHJ – 195 Q's, – 1297 Pts, – 119 Mults, 154,343 Total Pts.

Ken G3SNU – 116 Q's & Brian 2E0TQR - 76 Q's – 40,299 Total Pts.

MEMBERS CONTEST RESULTS

2009 W4 – Georgia Qso Party.

Derrick G3LHJ – 1st Place England.

2009 Ukrainian HF RTTY Contest.

Brian 2E0TQR – SO 20M – 40th Place

2009 RSGB Low Power Field Day.

Derrick G3LHJ – 10W Fixed – 4th Place.

2009 ARRL DX CW Contest.

Derrick G3LHJ – SO All QRP – 1st G & 7th EU.

2009 RSGB ROPOCO 1 –

Derrick G3LHJ – 35th.

2009 RSGB ROPOCO 2 –

Derrick G3LHJ – 20th.

2008 CQ WW DX SSB Contest. –

Brian 2E0TQR – SO 14Mz Low – 1st Place.

2009 RSGB 80M Club Championships – TARS 14th out of 80 Clubs.

FORTHCOMING CONTESTS

NOVEMBER

Sat/Sun 7/8th Nov 12:00 – 11:59 – Ukrainian DX CW/SSB Contest.

Thur 12th Nov 19:00 – 21:30 – RSGB 80M Sprints SSB – ex S/N + Name Ex RS + S/N + Club Info (Torbay ARS Club Member)

Sat 14th Nov – 00:00 – 23:59 – FOC Bill Windle CW QSO Party – **Open to All** Ex – RST + Name (FOC members will their send FOC Nr)

Sat 14th Nov 20:00 – 22:59 - RSGB Club Calls SSB Contest 1870-1990 Khz. Ex RS + S/N + Club Info (Torbay ARS Club Member)

Sat/Sun 14/15th Nov 00:00 – 23:59 – WAE DC RTTY.

Sat/Sun 14/15th Nov - 07:00 – 12:59 – JA Int Phone Contest. ex RS + 14.

Sat/Sun 14/15th Nov – 12:00 – 11:59 – OK/OM DX CW Contest. ex RST+S/N.

Sun 21st Nov – 00:00 – 23:59 – EPC PSK63 QSO Party. Ex RST + EPC #

Sat/Sun 21/22nd Nov 21:00 – 01:00 – RSGB 2nd 1.8Mhz CW Contest. ex RST + S/N + District (TQ).

Wed 25th Nov – 20:00 – 21:29 – RSGB 80M CW Sprints – ex S/N + Name.

Sat/Sun 28/29th Nov – 00:00 – 23:59 – CQ WW DX CW Contest. ex RST+14.

DECEMBER

Sat 5th Dec 00:00 – 23:59 – TARA RTTY Contest – ex RST+S/N

Sat/Sun 19/20th Dec 00:00 – 23:59 – ARRL 10M Contest CW/SBB ex RS(T)+S/N

Sat/Sun 19/20th Dec 14:00 – 13:59 – Croatia CW Contest – ex RST+S/N

Sat 19th Dec – 00:00 – 23:59 – OK DX RTTY Contest –ex RST+14.

Sun 27th Dec – 00:00 – Fri 1st Jan 2010 – G-QRP-Club Winter Sports All Bands & Modes ex Name/Power & G-QRP # if member.

The RSGB 80M Sprints Frequencies are CW – 3510-3590; SSB - 3600 – 3650 & 3700 – 3750. In the Sprints you need to QSY after every “CQ” QSO, but when you call a station and work him you have the frequency to call QRZ, but QSY again after you work the station from your QRZ, a little complicated but you soon get the hang of it.

All times are in GMT/UTC. Check out SM3CER web site for many more little contests, and info on contest rules etc. If you do take part in any of the contest please send in your logs to the appropriate contest organisers, even if it's only few Q's. Its surprising how easy it is to get a certificate some times, ask Brian 2E0TQR.

Good contesting and please have a go at a few of the above contest, even if it is only a couple of hours - it's all good practice.

Good luck in the RSGB 80M Sprints.

To you all, have a very merry Christmas and good contesting in the New YEAR 2010.

Have fun, and CU in the next one.

Derrick – G3LHJ

*****For Sale*****

TARS TALK ON CD

£8.00 each for members, £10.00 for non members. Available from G4FCN at the Club on Friday evenings or by post if required, carriage and packing £1.00.

Dates for Your Diary

October 30 th	Monthly Meeting	Talk by Andrew Oliver about Police Communications Systems
November 27 th	Monthly Meeting	Steve White G3ZVW will present his paper on instant Morse.
December 18 th	Monthly Meeting	The Annual Christmas party and inter club quiz. Bring along a prize and a dish of food to make the evening go with a buzz.
December 25 th	NO MEETING	Christmas Day!! – There will be the usual 80M Christmas morning net on 3.665MHz
January 1 st 2010	NO MEETING	New Years Day
January 29 th 2010	Monthly Meeting	The Annual Construction cup. Your chance to show off your building skills – see who has made the best 6M antenna this year!!
February 20 th /21 st 2010	Thinking day on the Air	Help the Guides celebrate 100 years by helping operate a special event station – the callsign prefix will be GG100.
February 26 th 2010	Annual General Meeting	A review of the previous year's events, election of the new committee, and discussions about the issues to ensure the smooth running of your society.
March 26 th 2010	Annual Presentation Night	Entry by Ticket only – only £5 per ticket. The results of your hard work at entering the TARS contests will be rewarded with the presentation of certificates and Trophies. Complete your celebrations with the Buffet.
April 30 th 2010	90/10 sale	Your chance to share your surplus equipment with other members of the society.
May 28 th 2010	Monthly Meeting	To be advised

TARS Useful Information

Meetings: Teignbridge District Scout HQ, Wolborough Street, Newton Abbot
Friday Nights – 1930 – 2200 – light refreshments available for a small charge

Postal Address: Torbay ARS, PO Box 155, Newton Abbot, Devon TQ12 6XP

Local Repeaters

2M Repeater - GB3TR

145.650 - Output

145.050 – Input

CTCSS Tone F - 94.8hz

23CMs TV Repeater - GB3TB

1316MHz Output

1249MHz Input

GB3TB is run by the Torbay ATV Group

Other Useful Contacts

Morse Tuition	Society HQ on Friday Nights Colin Coker - G4FCN	Torbay ATV Group	Honorary Secretary Ken Harper - GOEKH
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South Devon Raynet Pam Helliwell - G7SME

Society Radio Nets

1.982Mhz	Mondays – 20:00
3.665Mhz ±QRM/QRN	Mondays - 10:30, Wednesdays - 10:30, Fridays (not monthly meeting nights) - 21:15 and Saturdays - 10:00.
14.270Mhz ±QRM/QRN	Wednesday – 09:30, and Sundays 09:30.
50.155Mhz	Mondays – 20:30

Disclaimer

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