



# TARS TALK

Official Magazine  
of the  
Torquay Amateur Radio Society

Number 104

Spring/Summer 2018



Part of our Team at this years GEO-Parks event  
Peter M0LAI, Colin G4FCN, John G4VUD and Bill G8XST

---

---

## Your Elected 2018/19 Committee

<b>Chairman</b>	Jeff Hocking M0WSZ Postal Contact via address below 07771 907662
<b>Secretary</b> <b>RSGB Liaison</b>	Kerry Knight 2E0KRE Postal Contact via address below 07725 999973
<b>Treasurer</b>	Brook Verrall – G0VEB 28 Higher Holcombe Road Teignmouth - TQ14 8RJ 01626 773525
<b>Membership Secretary</b> <b>GB3TR</b>	Dave Fairchild G0DDF Bill Butchers - G8XST
<b>Rally Manager</b>	Mike Dixon - G1TUU
<b>Club Equipment Co-ordinator</b> <b>PRO</b>	Peter Tanner - G4VTO
<b>Official Photographer</b>	David Bowyer – M1AEI
<b>Training co-ordinator and Vice</b> <b>Chairman</b>	Linden Allen - M0TCF
<b>Committee Member</b>	Pete Tolcher - M0LAI Che Letton 2E0MRC Ken Harper G0EKH

There are some vacancies for the committee if anyone is interested in standing to assist with the running of the society

You can e-mail members of the committee at [callsign@tars.org.uk](mailto:callsign@tars.org.uk)

## Other Society Contacts

<b>President</b>	Derrick Webber – G3LHJ
<b>TARS Contest Manager</b>	
<b>TARS TALK</b>	Dave Helliwell MIRSE – G6FSP
<b>Webmaster</b>	Colin Coker – G4FCN
<b>TARS TALK Advertising</b>	

Date for next copy:  
30<sup>th</sup> September 2018.

**Inside this issue .....**

<i>Chairman's Ramble</i>	3
<i>Committee Contacts</i>	2
<i>Contest News</i>	15
<i>Dates for Your Diary</i>	19
<i>Editors Note</i>	22
<i>GDPR Regulations</i>	17
<i>Membership Matters</i>	16
<i>Picture Gallery</i>	7
<i>Rock and Roll Radio Part XXV</i>	11
<i>Society News</i>	5
<i>TARS contest results 2017</i>	8
<i>TARS Training Team News</i>	14
<i>TARS Useful information</i>	23

**Advertisers**

<i>Peter Tanner Engineering</i>	24
<i>Equipment available for loan</i>	22
<i>RF Connectors</i>	13
<i>TARS Polo Shirts, Sweat Shirts, Fleece's</i>	5
<i>TARS Talk on CD</i>	16

TARS TALK is printed by Amey.

## Chairman's Ramble

Jeff MOWSZ

Hello to all and welcome to this issue of Tars Talk. This is my first contribution to the magazine since taking over as your new Chairman, a position I am proud and honoured to hold. The club was left in a very good state by your outgoing Chairman John G4VUD and I would like to thank him personally for his assistance in making the transition into the role so easy for me. Also thanks to all club members who have been so supportive as I find my feet.

As you all know, there have been many changes to the committee and I welcome them all, both new members and the members who have been happy to stay on and work with us newbies as we all work to take the club onwards and upwards.

It has been a very interesting time for the club and we have been gaining more members as a result of our successes in training and the popularity growing. This is all good news and should stand us in good stead for the future.

A few recent events such as the construction night and our recent presentation night, complete with excellent buffet I might add, were great successes too and well attended. It's very heartening to walk into the club on a Friday and see a decent number all enjoying what we do.

It's up to us all to ensure that the popularity and public profile of Amateur Radio is kept as high as possible and doing

charity events such as BLESMA recently can only be good. We are, dare I say, in general an “older hobby” and we need to stimulate the interest in the younger people too. I find it most amusing when I am asked by youngsters why I play with radios and they tell me they can do it all on their mobile phones.....that’s till I show them that with Echo link and my phone I can talk to a guy I have never met sitting on his porch in Kansas! The look on their faces was priceless. I have to explain that even their phones still use.....guess what.....yes...Radio....and that my glowing valve antique will work when the mobile network is down or WIFI has dropped out yet again!!

So I hear you ask, what is my vision for the club during my tenure as Chairman. Well it is this:- I’d like to see the club grow and prosper with increasing membership. I’d like to see people on club nights doing more crazy things like standing in the car park as we test the latest tin foil antenna and talk to Italy on 2 watts or track satellites with homebrewed yagis and the most basic of handhelds.

We can all still learn, or teach and have some fun doing something too. I have charged Lin and the training team with having something going on in the club room as often as is possible and I would hope that all members will want to take part and contribute their huge wealth of knowledge and experience that exists within our club.

We have a number of interesting talks and events coming up too. I would hope these will get the support and interest that they deserve and if there are any other

members who feel they could or would be willing to do a talk for us, please come forward.

I have already asked Derrick our esteemed President to do a talk on the complications of contesting and how it all works. This is mainly for the benefit of those who have not yet done it to allow them a chance to get involved. It may also lighten the load on his creaking trophy cabinet currently supported by Acro props as perhaps a few get purloined from him and others!! I am of course teasing just a little!

So ladies and gentlemen, we have a great club, but it is only as good as its members. The committee and I can only lead and manage. It’s your club and without the membership we have and your support, it would not be what it is. It’s a club to be very proud of and I look forward to the forthcoming period in my new role.

Best 73s

Jeff MOWSZ

\*\*\*\*\*For Sale\*\*\*\*\*

### 70<sup>th</sup> Anniversary Polo Shirts and Fleece Jackets

\*\*\*\*\*

Many colours and styles are available, but I have been given quotes for hard wearing and popular styles and the prices are as follows.

£20.00	Short Sleeved Polo Shirt
£23.00	Long Sleeved Polo Shirt
£23.50	Sweat Shirt
£30.00	Thor (thin) Fleece Jacket
£35.00	Sigma (thick) Fleece Jacket

Each Garment choice is available in many colours and sizes up to 4XL.

Each Garment choice will also include your name and call sign along with the 70th Birthday Logo design.

Please contact Pam G7SME to place your order.

Payment is due on delivery of order. Any further information or to place an order please ask or email Pam at [pam@g6fsp.com](mailto:pam@g6fsp.com)

Note: Prices subject to change when ordering

## Society News:

### Monthly Meeting - May 2018

#### Peter – G4VTO

I am sure we have all had unfortunate incidents during our lifetime and some we would chose to forget. Geoff G7JHE not only remembers his but has an amusing way of relating his stories to the members of the Torbay Amateur Radio Society.

He started off with his motorcycle test, being unfamiliar to the town centre he firstly parked his bike in the wrong place, Geoff thinks this may have put him on the wrong foot with the examiner from the start, but there was more to come, he was sent out on a route but unfortunately Geoff went the wrong way with the examiner left waiting for him to reappear. He also had problems with slow control of the bike as the council had recently scarified the road surface ready for re-tarring but to put the icing on the cake so to speak, on his emergency stop he failed to stop quickly and carried the examiner some distance on the front of the bike, he did answer his four questions correctly but as you will have gathered he failed. However, a few years later he passed his car driving test after just six lessons.

On holiday in Corfu he had trouble with the local cat population. When stopping for a meal and ordering a steak unfortunately when it was placed in front of him a cat jumped up and stole it, later on in the holiday after stopping at a café for an ice-cream he was attacked again and this time the cat badly cut his legs which had to be treated.

On another holiday in Spain with some long-term friends, they sat at a table and ordered some drinks which duly arrived. Geoff leaned back, and the back of the chair collapsed causing him to fall backwards upsetting the table and damaging some flower tubs nearby. The manager of the establishment was very angry and insisted the damage had to be paid for, but on close examination by himself he found most of the other chairs were rusted through and he became most apologetic.

As time has gone on Geoff's luck has changed for the better but he gave the members an entertaining evening.

### **Monthly Meeting - June 2018**

#### **Peter – G4VTO**

The Torbay Amateur Radio Society were thoroughly entertained with an illustrated talk by Peter (G3ZVI), a very skilled project engineer with many years' experience. Peter created a scenario of which two radio hams positioned with one at Brixham Harbour and the other in Newton Abbot, both using "walkie-talkies" who wish to talk to each other, however walkie talkies (handhelds) mainly work using line of sight to communicate over yards or miles, this would prove impossible between Brixham and Newton due the landscape i.e. hills and valleys in between, however if a relay (66/99) repeater was sited on a hill between the two locations for example Marldon, both the hand-helds would see this and therefore be able to communicate with each other.

A repeater is designed to be the connecting point by receiving and transmitting conversation. This principle is similar to that of mobile phones, however the mobile network utilises expensive switching systems etc to enable two-way (66/99) duplex conversations to take place. Radio hams by contrast use a cheaper simplex system (66/99) which allows only one person to talk at a time. This works by the repeater stopping the incoming speaking signal from blocking the outgoing, one way to achieve this is that the incoming conversation is recorded and then playback when in turn, this has drawbacks such as the message needs to be quite short and the process is time consuming, an alternative method is to separate the receive and transmit aerials to a good distance apart however this is not always practical due to limited space and location. The most commonly used method is to employ a filtering system this can often be achieved by experimentation using a certain degree of electrical and mechanical engineering skill, a variety of large containers such as oil drums etc and improvised electronics that work by separating the two conversations, not perfect but a good compromise with a much more modest cost, and achieved with a lot of time contributed by volunteer help. The club would like to extend its gratitude to Peter for an enlightening evening.

Peter – G4VTO



## Picture Gallery - Presentation Night



Derrick presenting Paul Pasquet G4RRA with the TARS VHF Cup



Ian Chick receiving the Hapers Thankless Task award – the award made by the committee to a non committee member who makes a significant contribution to the society over the year



Peter Tanner receiving the Best Article in TARS Talk Award



The Most Excellent Buffet

## Geo Parks



GEO Park Operating Area



Antena Connection

## TARS Internal Contest Results for 2017

### Tony – G6GLP

It's great to see an entry from the novice camp this year. Results on whole are down with the poor conditions being reflected in the scores. LF is up as result of the lack of HF activity. There are still a couple contests with no entries which is a little disappointing. One notable absence is Ken G3SNU but there are some old ones returning and a new one so all in all not a bad selection. It is noticeable that the difference between scores is narrowing making competition greater. The following is the full break down of all entries for this year: -

The W8HJ HF Trophy		Points	20m	15m	10m	Bonus
1st	G3LHJ Derrick Webber	294	106	88	40	60
2nd	G6GLP Tony Rider	274	123	93	38	20
3rd	G3YJQ Fred Bourne	145	104	22	19	0
4th	G4ELZ Jeff Pascoe	144	84	45	15	0
5th	M6VFT Andy Middleton	98	54	3	1	40
6th	G0UWS Andy Sharman	53	38	15	0	0

The Western LF Rose Bowl		Points	160m	80m	40m
1st	G6GLP Tony Rider	196	56	56	84
2nd	G4ELZ Jeff Pascoe	101	0	34	67
3rd	G3LHJ Derrick Webber	97	6	27	64
4th	G3YJQ Fred Bourne	74	0	28	46
5th	G0UWS Andy Sharman	59	0	24	35
6th	M6VFT Andy Middleton	18	0	9	9

The 28Mhz TX Cup		Points	The G8UUT 50Mhz Cup		Points
1st	G3LHJ Derrick Webber	39	1st	G4RRA Paul Pasquet	39,776,877
2nd	G6GLP Tony Rider	38	2nd	G6GLP Tony Rider	3,359,433
3rd	G3YJQ Fred Bourne	16	3rd	G3LHJ Derrick Webber	2,993,144
4th	G4ELZ Jeff Pascoe	15	4th	G3YJQ Fred Bourne	284,438
5th	G4RRAPaul Pasquet	13	5th	G0UWS Andy Sharman	1382
6th	M0TQR Brian Balsdon	8			



The G2CWR Memorial Cup		Points	30m	17m	12m
1st	G4ELZ Jeff Pascoe	124	68	47	9
2nd	G6GLP Tony Rider	112	45	48	19
3rd	G3YJQ Fred Bourne	77	32	42	3
4th	G0CDB John May	49	6	38	5
5th	G3LHJ Derrick Webber	39	9	23	7

The G4LZD QRP Cup		Points	40m	20m	17m	15m	10m	2m
1st	G3LHJ Derrick Webber	76	0	58	0	8	10	0
2nd	M6VFT Andy Middleton	42	0	39	0	0	0	0

The HF CW Rest' Award		Points	160m	80m	40m	30m	20m	17m	15m	12m	10m
1st	G3YJQ Fred Bourne	14	0	0	3	2	57	25	9	2	16
2nd	G6GLP Tony Rider	102	4	6	47	45	0	0	0	0	0
3rd	G4ELZ Jeff Pascoe	101	0	6	27	29	20	15	2	1	0
4rd	G3LHJ Derrick Webber	68	0	1	58	9	0	0	0	0	0

The HF SSB Rest' Award		Points	160m	80m	40m	30m	20m	17m	15m	12m	10m
1st	G6GLP Tony Rider	43	2	8	33	0	0	0	0	0	0
2st	G0UWS Andy S	23	0	6	1	0	13	0	3	0	0
3rd	G3LHJ Derrick W	21	0	2	19	0	0	0	0	0	0
4th	M6VFT Andy M	2	0	0	0	0	2	0	0	0	

The Sharon Walker RTTY Cup		Points	160m	80m	40m	30m	20m	17m	15m	12m	10m
1st	M0TQR Brian B	101	0	1	5	0	38	0	17	0	4
2nd	G3LHJ Derrick W	67	0	1	14	0	15	0	37	0	0
3rd	M6VFT Andy M	52	0	1	0	0	50	0	2	0	0
4th	G0UWS Andy S	51	0	2	7	0	28	0	14	0	0
5th	G6GLP Tony R	48	0	3	6	0	36	0	3	0	0

The TARS VHF Cup		Points	The G3WTV Activity Trophy		Points
1st	G4RRA Paul Pasquet	5,265,400	1st	G6GLP Tony Rider	44
2nd	G6GLP Tony Rider	1,036	2nd	G3LHJ Derrick Webber	23

The TARS Construction Cup Home Brew		Points	Item
1st	M0KRE Kerry Knight	50	30meg sig gen
2nd	M0TCF Linden Allen	46	Mag Loop
3rd	M0WSZ Jeff Hocking	45	Single Valve RX
4th	G4FCN Colin Coker	44	Desk Mic
5th	G3SPI Ian Dawe	38	1meg sig gen

TARS Construction Shield – Kits		Points	Item
1st	G8XTO Roy Evans	43	S Pixie key and ATU
2nd	G3LHJ Derrick Webber	42	S Pixie ATU
3rd	G4FCN Colin Coker	41	Auto Cap meter

The PSK 31 Data Mode Award		Points	Foundation Cup		Points
1st	M0TQR Brian Balsdon	71	1st	M6VFT Andy Middleton	106
2nd	G3LHJ Derrick Webber	42			
3rd	G6GLP Tony Rider	30	HF DX challenge		Points
4th	GM6VFT Andy Middleton	14	1st	M6VFT Andy Middleton	26
5th	G0UWS Andy Sharman	4			

Other Awards	Winner	Citation
Best Article in TARS Talk 2017	G4VTO Peter Tanner	Monthly reports
The Harpers Thankless Task Trophy	M0IAT Ian Chick	

## Rock and Roll Radio

### Part XXV

#### Peter Lewis – G4VFG

It is time to pick up where we left off last time, which was at the Roof Top. A special event was arranged by a local music shop at the time, where they had set up band equipment on stage. It was of course to provide an interest in the products that they sold, and was an all-day affair. Budding groups of musicians could play a couple of numbers using their gear. Naturally a group of us were keen to have a crack at that.

The day went on and some ale and pasties were on the menu. Then it was our turn. We grabbed the guitars and I sat behind the drum kit. I believe it was one of the Premier range that the shop sold. 1.2. testing was the usual cry from the singer. On a radio prog about music and the other year a musician was asked why it was always 1.2 and never 1.2.3. when testing of microphones occurred. "Ah well, if you said 1.2.3., then the roadies would think they had to lift something" So now we know, and in any case, it wouldn't apply to us, since we never made enough to afford roadies. We thought of a daft name for the occasion and introduced ourselves "Hi we're Lester Friggitt and the Knob Jockeys". We couldn't make the motorbike noise, so banged straight into Born to be Wild, and followed up with Caroline. It seemed over too quickly, and it was time to move over to give the next crew a shot. The house band wrapped it

up. It was funny how their sound was better than everybody else. We watched the mixer guy behind his console and reckoned it was another case of muddy mixing syndrome, but nobody cared, since it was all good fun.

One of our band members acquired a mixer PA amplifier cheap, so he said, and it was duly set up and used at gigs. It proved unreliable, even though it looked most impressive with its myriad of knobs and sound levels or VU meters.

It therefore turned out to be as much use as a chocolate teapot. It didn't last too long and our friend got rid of it pretty sharpish.

I knew that rooting around at amateur radio rallies would come in handy. Spare parts including valves were used to keep amplifiers alive, and large jack plugs were always required. A drum of audio coaxial cable seemed often to be in demand too. Fortunately I had a spare amp which used to travel with us and was called upon as a makes-shift microphone amplifier.

We learnt about that bane of high power audio, namely, feedback. That high pitched whine that drives everybody nuts. Arranging speaker positions, with respect to where microphones were placed had to be carefully experimented with. Of course actual design of amplifiers may have a bearing also. It was necessary to check that all equipment was correctly earthed, and equally the mains installation of any venues was noted. There have been some horrendous stories of equipment going

live. In one or two cases concerning microphones the results were fatal.

I remember remarking that I wanted to check things before they were switched on, so a few simple precautions could save a life. You can't be too careful.

A less frequent occurrence was RF pick-up. We were practising one night when one of the guitarists remarked that he had a hum, and could hear some music and voices. A technical man might suggest that the guitar was an aerial, and that the pre-amp stage was acting like a slope detector to feed radio signals to the AF stages. We didn't use the word demodulation either. Some said "Let's go down the Pub" We all agreed "That work's for us". Rarely was it necessary to put an RF filter into the actual amplifier. The fault was often a doggy guitar lead. The curvy type were often a problem with broken connections.

BBC 4 television carries some interesting programmes, with quite a lot of clips from the sixties and seventies. Apart from Top of the Pops and the Old Grey Whistle Test, there was a little music on the goggly box. Radio was not that good. Reception of the pirates and Luxembourg was always patchy, so that left radio 1. I cannot remember when radio 1 was available in stereo, but I fancy it was sometime after 3 and 4. Perhaps it was after radio 2 in the later seventies. What is for certain is that though we might moan, we are now spoilt for choice for music on radio and TV. For some reason I missed many of the older

music features, so it is good to catch up with them now.

A recent such programme featured Brian Eno, who apart from being an artist and electronic musician, also produced albums of several artists such as Coldplay and U2. I recall his earlier playing on Two Roxy Music albums. He said that there was an interesting dynamic between a group of people in a band and as a producer it was his job to get the best end product out of the different parts of it.

I would agree with him, and it was perhaps ironic that after two albums from Roxy Music because he felt his direction was different from Bryan Ferry.

It is therefore small wonder that all the shenanigans concerning major recording artists occur, and indeed in show business in general. The bigger the ego the bigger the problems.

At our lowly position in the musical food-chain the problems were less, but the requirement to make a group of people pull in one direction was there, obviously this principle applies to any group such as a club, a committee, o government, or even a country. There are plenty who have ventured into sociological and psychological study, so I shall not bother. I can hardly spell the words, let alone explore their significance.

Suffice it to say that as a singer songwriter or musician it would be possible to go it alone should the need to arise. If, however you are a Bass guitarist by default, and a drummer by instinct, as in

my poor case, then you needed a band. It is therefore a requirement to pour some oil on troubled waters as the need arose. This is where the development of my largely home-made mobile disco came in. It proved useful to provide a complete show, and allowed a greater choice of music than a band could provide. There are few bands that were good with all music genres, even the proper professional ones. I saw plenty at works functions, so got a feel about what was out there.

The trump card was that should the band fold up, the disco could be taken out on its own. Smaller mobile discos were always in demand at the time for weddings, birthdays and even small house parties, where there were understanding neighbours!

The new mixer was built. I thought about valves to go with the two valve amps. The decision was made to use transistors. At Longleat I bought half a dozen FET types. The field effect transistor was developed to produce a device with the high input impedance of a valve, but the low voltage requirements of a transistor, I also used some tantalum capacitors, which according to the blurb, offer low leakage leading to better signal transfer. I designed this device using building blocks taken from the Mullard audio book mentioned in a previous piece, along with other ideas contained in Babani Books about audio and FET circuits.

Before discussing any more on this subject, it may be time to take a break, as

it will soon be time to watch "Hustle" which is a rather good British series. It is easier to follow than Mission Impossible and nobody gets shot which makes a pleasant change. Blood and guts may be fine for some, but not when I am trying to enjoy a slice of toast and Marmite and some Cheddar cheese, thanks very much.

Good listening until the next one.

Peter G4VFG/G239322

## Connectors For Sale

The society has obtained a small number of useful connectors for members to purchase. They are available on any Friday night or contact a member of the committee.

Inter-series connectors:

SMA plug to BNC socket	£3.30
UHF socket to BNC plug	£2.30
UHF socket to UHF socket	£1.20
BNC socket to BNC socket	£2.00

RF Plugs:

UHF (PL259) Small entry	£1.00
UHF (PL259) Large entry	£1.00
BNC plug small entry	£1.50

Audio connectors:

3.5mm stereo plug	£0.70
3.5mm stereo socket	£0.70

## TARS Training Team News

### Lin - MOTCF

Well, it's been a while since I submitted a report from the training team to Tars Talk, and as a result we've had a fair few things going on, all of which has been very successful.

As far as candidate training goes, the team have run two courses so far in 2018 – an Intermediate practical day and exam in February and a Foundation Course weekend in March. Again, the team were exceedingly pleased that all candidates on both courses passed with excellent marks.

Kerry (2EOKRE) & Nick (2EONXB) both then opted to proceed straight on from Intermediate to Advanced Licence training; Nick with the Bath Team & Kerry braving it on his own!

Kerry took his Advanced Licence exam online (a first for the team) and was joined on the day by fellow club member Alex Forbes Perry(2EONOV). Whilst the Foundation course members worked their way through the written exam, Alex & Kerry beavered away online, using the RSGB's secure server, all the while being watched by the adjudicators. Both finished within the two hours allowed and earned themselves a 'distinction' each: well done to both.

Kerry (now MOKRE) and Nick (now MONXB) are now integral members of the training team and are now running

'Advanced Licence Mentoring' on an individual basis for anyone who needs it! This now allows the TARS training team to offer the full gamut of courses the RSGB/RCF provide exams for.

Members of the training team have also been active in other ways! In early April, a group of club members attended the weekend event at the International Helicopter Museum at Weston Super Mare on the old RAF Locking site. Whilst conditions weren't great that weekend weather or radio wise, those of us who attended had a very enjoyable time and are looking forward to a return visit next year! It was extremely gratifying to see a number of the newer Foundation candidates there, supporting the club and learning about the pit falls of setting up a special event station.



Things continue at a pace within the team, which now numbers 10 members! Ken (2EOKFJ) has joined us – a vastly experienced former Civil Service



Instructor, who has opted to look after 'external candidates' on behalf of the club. We are very lucky to have him.

In an effort to maintain and develop skills, I have been very keen to ensure that the whole training team keeps up to date with the syllabus and build their confidence at course delivery. I have been very keen to encourage all team members to attend the 'Train the Trainers' course that the RSGB Tech & Exam committee offer. So far Roger 2E0GHR, Kerry 2E0KRE and myself (M0TCF) have attended and agree it's a very worthwhile way to spend a day. The next TtT course is being run at the Flight Refuelling ARC Club HQ on the 3rd of November; I'm keen that the rest of the team attend if at all possible.

On a slightly different note, in order to improve our performance and delivery of training for candidates, the training team has been involved in developing an 'Intermediate Course Workbook' to supplement the RSGB Publication. Essentially speaking, it tests the candidate's knowledge of the theoretical sections of the course book, building confidence and give us (the training team) evidence of prior study and learning. It is out with the current Intermediate Course members for evaluation and feedback. Nick has greatly assisted in the production of this large piece of work, for which I am very grateful, authoring such an extensive piece of work is never easy at the best of times! We hope to have it somewhere near finished very soon and are waiting on the updates to the course syllabuses to make amendments.

The current TARS Training Team numbers 10 members (in no particular order):

Lin M0TCF  
Roger 2E0GHR  
Jeff M0WSZ  
Mike M0LOB  
Che 2E0MRC  
Kerry 2E0KRE  
Nick M0NXB  
Ken 2E0KFJ  
Ian M0IAT  
Jake M6NQA

We've also had the (accepted) offer of IT/Admin support from Vicky M6VXC.

I would like to point out that without the help, assistance, co-operation and friendship of the above members, then it's very unlikely that any form of training would take place on a regular basis, if at all. My sincere thanks to all of you.

73's for now. Good DX all.  
Lin M0TCF (Training Team).

## Contest News

A full version of Contest news is published separately by Derrick G3LHJ. If you wish to receive this if you do not already do so, then please contact Derrick so that you can be added to his distribution list. See dates for your diary for details of contest dates for the national club competitions.

## Membership Matters

### Dave GODDF

Thank you to those members who have renewed their membership this year and a warm welcome to the new members!

Since the last issue of TARS Talk we have had 9 new members. Please welcome:

G6YJO	David Arscott
M6UTZ	Chris Mackie
M0IOS	Barry Stone
M6QRA	Jake Abraham
M6NQC	Rob Lane
G4CST	Greg Hopkins
M3MEF	Mike Fry
M0NZX	Alex Forbes-Perry
SWL	Chris Phillipson

If you have changed your email, telephone number or home address please let me know. Also, if you know of any of our members who are sadly now SK please let me know.

I can be contacted either directly at the club, by email [membsec@tars.org.uk](mailto:membsec@tars.org.uk), or writing to:

The Membership Secretary, c/o Peter Tanner Engineering, Unit 1, Burke Road, Totnes, Devon. TQ9 5XL.

The current paid up membership numbers as of 29<sup>th</sup> July are as follows:

Membership Class	2018	2017
Associate	6	7
Family	6	6
Full	80	82
Honorary	2	2
Joint	15	15
Junior	2	3
Life	24	25
<b>Totals: -</b>	<b>135</b>	<b>140</b>

The current subscription rates (held at the same rate for another year) are:

The current subscription rates (held at the same rate for another year) are:

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

73's

Dave Fairchild

\*\*\*\*\*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.

## TARS and the EU General Data Protection Regulations (GDPR) 2018

What you need to know, your response is required please. **Important** - Please read this article and respond if you have not already done so as TARS needs your agreement in order to continue using your data.

### Summary

The reason for this communication is to keep you as a TARS member informed of how we handle your data (Name, Callsign, contact details etc.).

There is a new EU General Data Protection Regulation (GDPR) came into force from 25th May 2018. It's all about how an individual's data is handled and the rights that the individual has over data being held about them by organisations etc. It gives the individual more rights over data being held about them (which is a good thing!). It's very similar to the existing 'Data Protection Act' but with a few 'tweaks' and TARS has been complying with this for many years, so it really means that there is not a lot that is changing as far as we as a 'Radio Club' is concerned. The society has checked on-line with the UK Information Commissioners Office (ICO) and TARS is not required to register with the ICO.

### Why are we letting you know about this?

This is being published so you know that TARS complies with the GDPR; by letting you know what data TARS holds on you and how we use the data. There is no change in how we use your data. As we hold your data that you gave to us you need to be aware of how we use your information and your rights to your data that we hold.

### What Data do we hold?

The information that we hold on you is collected from the TARS Membership Application form or the TARS Training Form. Your data is private for club use associated with your club membership and club activities only.

- Name
- Address
- Telephone Number
- Email address
- Age (if Junior or over 18)
- Callsign
- Signature
- Date
- Date Notified
- Sub Paid

### Who has access to your data within TARS?

- TARS Membership Secretary holds the TARS membership details:
  - Your original TARS Membership Application Form
  - Details transferred and held on computer, these are updated for any changes as and when you let TARS know

- TARS Treasurer has a record of your subscription payment and receipt number
- TARS Training Manager (if you are training within the club)
- Any TARS Committee Member if and when required for club activities, awards, contests, health and welfare etc
- The TARS Contest Manager receives an updated list of callsigns which is available from the TARS website

#### **What do we do with your data?**

- Keep a record of TARS club members
- Update TARS website and Facebook Page with Name and Callsign
- Update for TARS Awards with Name and Callsign and or Callsign change with date
- Notify the club Treasurer of who's paid and how much (subscriptions, other donations e.g. GB3TR etc.)
- Remind you, if applicable, for annual membership renewal
- Notify you of TARS Talk publication, other club correspondence by either post or email.
- If you are training with the club for your Foundation, Intermediate or Advanced Licence some of your information is shared with the TARS Training Manager who will use it to book exams with the RSGB/ RCL
- Your contact details may be given to TARS Committee members if you are helping with various club activities, Awards, Contests or welfare reasons.

Please note that I will check with you before I pass you details on to another club member.

#### **What we don't do with your data?**

- We don't sell, share or give your data to any other 3rd party or parties

#### **What are your rights? (briefly)**

- You can request a copy of the data that we hold on you
- You can request that we delete part or all of the data on you that we hold on you

#### **What you need to do**

IMPORTANT - Your response is required in a positive fashion. If you have not already responded, please make contact in either of two ways: -

1. By email to <mailto:membsec@tars.org.uk> with an email response of 'I am happy for Torbay Amateur Radio Society (TARS) to continue to use my data for the purposes of the clubs activities' with your name and callsign is all that is required.
2. By Post to TARS Membership Secretary, c/o Peter Tanner Engineering, Unit 1, Burke Road, Totnes, Devon. TQ9 5XL.

If you have any questions please contact me at the club, by email or phone (01803 323813).

Yours sincerely,

Dave Fairchild GODDF

Membership Secretary

<b>Dates for Your Diary</b>			
<b>Date and Times</b>	<b>Type of Event</b>	<b>Event</b>	<b>Organiser / details</b>
10 <sup>th</sup> August	Business Meeting	The normal business meeting of the Society	2EOKRE
12 <sup>th</sup> August	Flight Refuelling ARS Hamfest	Cobham Sports and Social Club Ground, Merley, nr Wimborne, Dorset BH21 3DA Talk in will be on S22. Doors open at 10am and admission is £4 that includes parking, There will be trade stands, a car boot sale. There will be a lecture stream during the day. Tony Baker, G3PFM, 07743 475 018, tbaker@tiscali.co.uk [www.frars.org.uk ]	G3PFM
24 <sup>th</sup> August	Monthly Meeting	Pre-Rally briefing	G4VTO
26 <sup>th</sup> August	Torbay ARS Annual Comms Fair	The Racecourse, Newton Road, Newton Abbot, Devon TQ12 3AF Indoor event, free parking, disabled facilities, accessible by public transport. Bring-and-buy sale, catering, RSGB Book Stall, special interest groups, trade stands, prize draw/raffle. Contact Mike, G1TUU, 01803 557 941, rally@tars.org.uk	G4VTO
31 <sup>st</sup> August	Monthly Meeting	Post Rally Review	2EOKRE
10 <sup>th</sup> September 1900 – 2030	Autumn Series HF contest	SSB: 3600-3775 kHz Logs must be submitted by 23:59:59 (UTC) 13 <sup>th</sup> September	G3LHJ
14 <sup>th</sup> September	Business Meeting	The normal business meeting of the Society	2EOKRE
16 <sup>th</sup> September	Wester Super Mare Rally	Details to be confirmed	

<b>Dates for Your Diary</b>			
<b>Date and Times</b>	<b>Type of Event</b>	<b>Event</b>	<b>Organiser / details</b>
19 <sup>th</sup> September 1900 – 2030	Autumn Series HF contest	CW: 3510-3565 kHz any speed 3565-3570 kHz 15wpm maximum speed Logs must be submitted by 23:59:59 (UTC) 22th September	G3LHJ
22 <sup>nd</sup> and 23 <sup>rd</sup> September	Special Event Station	Railways on the Air from the South Devon Railway, Buckfastleigh	2E0KRE
27 <sup>th</sup> September 1900 – 2030	Autumn Series HF contest	Data PSK63: 3580-3590 kHz RTTY: 3590-3620 kHz Logs must be submitted by 23:59:59 (UTC) 30th September	G3LHJ
28 <sup>th</sup> September	Monthly Meeting	Tesla Coil Demonstration by G8GON	2E0KRE
8 <sup>th</sup> October 1900 – 2030	Autumn Series HF contest	CW: 3510-3565 kHz any speed 3565-3570 kHz 15wpm maximum speed Logs must be submitted by 23:59:59 (UTC) 11 <sup>th</sup> October	G3LHJ
12 <sup>th</sup> October	Business Meeting	The normal business meeting of the Society	2E0KRE
14 <sup>th</sup> October	Radio Rally	Holsworthy Community College, Victoria Hill Holsworthy, Devon EX22 6JD. There will be traders, a Bring & Buy and catering. The venue also has disabled access. Doors open at 10am. holsworthyarc@gmail.com [www.qsl.net/m0omc/holsrally.html]	Howard, M0MYB



<b>Dates for Your Diary</b>			
<b>Date and Times</b>	<b>Type of Event</b>	<b>Event</b>	<b>Organiser / details</b>
17 <sup>th</sup> October 1900 – 2030	Autumn Series HF contest	Data PSK63: 3580-3590 kHz RTTY: 3590-3620 kHz Logs must be submitted by 23:59:59 (UTC) 20 <sup>th</sup> October	G3LHJ
25 <sup>th</sup> October 1900 – 2030	Autumn Series HF contest	SSB: 3600-3775 kHz Logs must be submitted by 23:59:59 (UTC) 28 <sup>th</sup> October	G3LHJ
26 <sup>th</sup> October	Monthly Meeting	TBC	2E0KRE
9 <sup>th</sup> November	Business Meeting	The normal business meeting of the Society	2E0KRE
12 <sup>th</sup> November 2000 – 2130	Autumn Series HF contest	Data PSK63: 3580-3590 kHz RTTY: 3590-3620 kHz Logs must be submitted by 23:59:59 (UTC) 15 <sup>th</sup> November	G3LHJ
18 <sup>th</sup> November	Radio Rally	PLYMOUTH RADIO RALLY Harewood House, Church Rd, Plympton PL7 1NH Doors open at 10.30am, £2 entrance fee., d.beck123@outlook.com www.plymouthamateurradioclub.btck.co.uk	David Beck 2E0DTC
21 <sup>st</sup> November 2000 – 2130	Autumn Series HF contest	SSB: 3600-3775 kHz Logs must be submitted by 23:59:59 (UTC) 24 <sup>th</sup> November	G3LHJ

## Dates for Your Diary

Date and Times	Type of Event	Event	Organiser / details
29 <sup>th</sup> November 2000 – 2130	Autumn Series HF contest	CW: 3510-3565 kHz any speed 3565-3570 kHz 15wpm maximum speed Logs must be submitted by 23:59:59 (UTC) 29 <sup>th</sup> November	G3LHJ
30 <sup>th</sup> November	Monthly Meeting	Totnes Image Bank	2EOKRE
December	Business Meeting	Note – where will be no business meeting in December – normal service will resume in January	
14 <sup>th</sup> December	Christmas Party	Join in with the fun by bringing along some offerings for the party. Get together and form a team for the annual Quiz	2EOKRE
26 <sup>th</sup> December	Special Event	A Boxing Day Special event – details to be sent out later in the year	2EOKRE

### Equipment available for Loan

Buddipole, mast, tripod guy wires etc. it does 40m to 2m.

Also extended whips, balun and coil to enable 80m (am waiting the 2nd coil and counter poise)

Happy to loan for club events and also if members are going away.

It packs down into a 2ft long bag and takes about 5 mins to assemble.

Contact Steve Daniels , G6UIM

### A Note from Your Editor

I must apologise to members for the late publication of this edition. This is mainly due to personal issues associated with Family (I lost my baby sister suddenly in March), work (off sick due to stress), and that I now longer have a member of the committee to prod me.

Anyway, hopefully we are now back on track.

I am still short of copy despite the big gap since the last edition, especially photos of events. The magazine can only be as good as those who find time to contribute.

73' Dave G6FSP

## TARS Useful Information

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

At the formal meetings the events will start at 20.00hrs

Postal Address for corresponding with the Society: Torbay Amateur Radio Society, C/O  
Peter Tanner Engineering, Unit 1 Burke Road, TOTNES, Devon - TQ9 5XL

### Local Repeaters

#### 2M Repeater - GB3TR

145.650 - Output  
145.050 – Input  
CTCSS Tone F - 94.8hz

#### 23cms TV Repeater - GB3TB

Contact the TV Group for further information.  
Honorary Secretary - Ken Harper - G0EKH

#### 70cm System Fusion Repeater (C4FM) - GB7TQ

Analogue or Digital Auto Selection. Look at [www.gb7tq.co.uk](http://www.gb7tq.co.uk) for more info

### Other Useful Contacts

**South Devon** Colin Coker G4FCN

**Raynet** Please note that South Devon Raynet are now part of Raynet UK and are no longer affiliated to the RSGB

### 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
3.545Mhz	Tuesday - 19.30 – Slow Morse Practice sessions

### Disclaimer

TARS TALK is the magazine of the Torbay Amateur Radio Society. It is published three times a year in January, May and October. Articles for consideration for publication in the magazine can be e-mailed to [editor@tars.org.uk](mailto:editor@tars.org.uk) or posted to the editor of TARS TALK. The editor reserves the right to alter any article submitted to fit to the space available in the magazine. The views expressed are those of the individual authors and may not be those of the editor or those of the TARS Committee or the RSGB. In accordance with the Data Protection Act no details of members will be published without prior permission from the member concerned.

Next date for copy to be received by the Editor is 30<sup>th</sup> September 2018.

# PETER TANNER

DESIGN & DEVELOPMENT  
MACHINING  
WELDING  
FABRICATION

GENERAL ENGINEERING

1 BURKE ROAD  
TOTNES INDUSTRIAL ESTATE  
TOTNES  
DEVON TQ9 5XL

**TEL 01803 864528**

[www.petertannerengineering.co.uk](http://www.petertannerengineering.co.uk)