

sending and receiving of Morse Code (using a crib sheet).

Course fees include club membership for the duration of the course. We have an excellent pass-rate - almost everyone taking our course, has passed first time! So far no one has failed.

For details of training courses, please contact **Steve Morris** on **07811 020443**.

You may already have some knowledge that will come in useful.

For instance:-

- Can you wire a Mains Plug?
- Did you do physics at school?
- Did you learn Morse Code in the services?
- Have you operated a CB, or any other radio?

If you can answer **yes!** to any of the above questions, you should find it easier.

To join one of our Courses please leave your details with us today, or contact Alan.

### Next Steps

To find out more about Amateur Radio and Poole Radio Society, come along to one of our meetings. Don't worry we won't ask you for a penny for the first couple of weeks, and you may get a chance to have a go at making a contact.



### Meetings

Our main monthly meetings are on the first thursday of the month at St Aldhelms Church Hall, Branksome (see below) On most other thursdays (except the first of each month), there's a variety of activities going on including some operating, construction and informal discussions.

Below you will find a map to help you find the church hall. There are plenty of parking spaces.



[www.g4prs.org.uk](http://www.g4prs.org.uk)  
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# Poole Radio



## Society G4PRS

### About Poole Radio Society

Poole Radio Society has been established for 40 years. We meet every Thursday throughout the year at St Aldhelms Church Hall, Branksome (see the map). Throughout the year, the meeting on the first Thursday of the month is our main, more formal one. This normally consists of technical talks and demonstrations that are of interest to our members.

**Meetings start at 7.30pm.**

In addition to our regular weekly meetings, we arrange:

### **Visits:**

To places of general interest and also to radio amateurs.

### **Social events:**

Such as Dinners, BBQs and inter-club events.

### **Days in the field:**

When we operate out-of-doors using batteries, generators and solar panels.



### **Radio Contests:**

We take part in amateur radio contests to see who can make the most contacts in a period of time.

## **About Amateur Radio**

Between them members of Poole Radio Society are interested in just about every aspect of the hobby including:

### **Antennas (Aerials):**

Do you know, there are 100s of different types?

### **Microwave Bands Operation:**

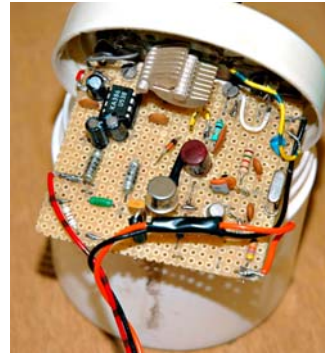
We won't cook you! But there's plenty of space to play on these bands.

### **Propagation:**

Knowing when contacts can be made world-wide!

### **Building our own equipment:**

Radio 'Hams' often make their own radio Equipment.



### **Low Power:**

Making the most distant contacts as far away as possible with as little power as possible (called 'QRP' working).

### **Test Equipment:**

Learn to use simple (or complex) test equipment to solve problems.

### **Amateur Television:**

Amateurs are allowed to transmit their own TV vision and sound with both still and moving pictures.

### **Computers:**

Of course we also use computers to send text, pictures and data to other amateurs world-wide using our radios.

### **Other Interests:**

It's possible to combine an interest in amateur radio with a number of other hobbies and interests. For example one of our members is also interested in kites, so he often uses a kite to support his aerial.

## **Getting a Licence**

You don't need a licence at all to listen to radio amateurs, but if you want to talk back to them on the amateur bands, then you need one of three levels of licence.

All amateur licences are issued by Ofcom on behalf of the government. Each licence

holder receives a unique callsign, consisting of a short series of numbers and letters that identifies the owner world-wide!

The callsign of Poole Radio Society is G4PRS.

### **Foundation Licence:**

The first step into amateur radio, and starting point for all new entrants to the hobby is the Foundation Licence. An entry-level Foundation amateur radio transmitting licence is not only the first step, but it's also a great way to get a better understanding of amateur radio, without spending many months studying.

Studying for the licence is in short easily manageable sessions, even if you've never considered it before.

### **The Foundation Course**

Poole Radio Society run Foundation Licence Courses several times a year, usually as six sessions lasting around two hours each.

The course covers everything you need to know to get started including:

### **Introduction to Amateur Radio.**

### **Licence Conditions.**

### **Technical Basics**

(very simple maths e.g.  $12 \div 6 = 2$ ).

### **Transmitters and Receivers.**

### **Feeders and Antennas (Aerials).**

**Propagation** (How the signals get to travel around the world).

### **Preventing Interference.**

### **Operating and Use of Repeaters.**

### **Safety in the shack.**

The practical elements of the course include the actual operation of transmitters and receivers, and demonstrating the