



RAY~Link

Issue Forty Two
January 2002

The Regular Newsletter of The Radio Amateurs' Emergency Network

RAY~Link is published for the benefit of all members of the Network. It is posted to all current members' registered addresses.

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This edition of RAY~Link has been distributed by email to those who have requested the service. The cost saving to the Network is enormous, and as well as getting your RAY~Link before those who receive a paper copy, you are helping the Network to keep our overheads down.

If you have received this edition as a paper copy, but would like to change to electronic distribution, please send an email to distribution@raynet-uk.net. If we get sufficient uptake, I hope to be able to increase the number of copies from the current four to five or six per year.

Annual Subscription.

As discussed during the informal session which followed the AGM, we regret that it is necessary to increase the annual subscription from £4.80 to £5.40 (£0.40 to £0.45 per month). Nobody likes prices going up, and the Committee of Management does not like having to make the increase which has been kept to an absolute minimum.

At less than the cost of a cup of coffee per month, we think that your membership remains excellent value, and urge you to take advantage of all the facilities which come with membership.

RAYNET Supplies

RAYNET Supplies has moved from Dunoon to Glasgow. The new RAYNET Supplies organiser is Katie Cowan, GM0UIG, and all enquiries and orders should be sent to her at 85 Eastwoodmains Road, Clarkston, GLASGOW, G76 7HG. Her e-mail address is supplies@raynet-uk.net and details of the items available can be seen on www.raynet-uk.net

The previous organiser, Brian Shearer, MM1HMV, has had to stand down because of increasing pressure of business and the Committee of Management wishes to thank him and his wife Moira for all the hard work voluntarily undertaken during the past few years, not only acting as "storekeeper", but also taking "Supplies" to rallies and other events round the UK. Brian is controller of the Cowal RAYNET Group.

Katie has introduced a new range of traffic jackets, which are available now, and hopes to be able to supply a wider range of RAYNET garments later this year. The price list now shows a selling price for each item from which current members may deduct 10%

**Membership Fee 45p. per month.
PAI £1.05 per year or part year
(1st May - 30 April).**

*All correspondence and membership registrations should be sent to:-
"Hunters Moon", Newton-le-Willows,
BEDALE, North Yorks, DL8 1SX*

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Raynet Supplies (www.raynet-uk.net)

Katie Cowan, GM0UIG
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Emergency Network.

2001 AGM

The Annual General Meeting of The Radio Amateurs' Emergency Network was held in the Millennium Centre, Red Lodge, Suffolk. On Saturday 3rd. November with seventy eight members attending.

The morning session opened with a presentation from the IT team, who detailed the many improvements which have been made to our website at www.raynet-uk.net, and to our email and registration systems. They also highlighted areas which, given Committee of Management approval, they would like to tackle in the future.

Peter Hill, a professional member of the British Red Cross, and a member of Dorset RAYNET, then gave a presentation on working with under eighteen-year-olds. Members are advised to read an article regarding this subject which appeared in the October Issue of RAY~Link. Following Peter's presentation, the matter will be discussed further at the next Committee of Management meeting, and a recommendation issued to all members.

The last presentation before lunch was made by Kelvin Laybourn, the Emergency Planning Officer for St Edmundsbury Borough Council, who detailed the work of his unit, and explained what would be expected from the voluntary organisations.

After lunch the Chairman presented the results of last year's Structured Debrief and also briefly highlighted the results of the recent members survey concerning the way forward for RAYNET. This subject was also continued in the informal session after the AGM.

The Annual General Meeting was held at 14:30 hrs. and before starting the meeting proper, the chairman thanked the Forest Heath Group for their organisation of the day's events including the use of the Millennium Centre, talk-in, lunch and refreshments.

During the AGM, the chairman highlighted the problems encountered by the Network during the Foot and Mouth crisis,

and also reported on the progress made since September when volunteers were requested to ensure that HF facilities could be provided if the need arose. He thanked Tom Reilly, G0NSY, the RSGB ERLO, for the help given by the RSGB, and emphasised that the project is being run jointly by both organisations. He also paid tribute to the Zonal Co-ordinators who were standing down at the end of December, and welcomed those who were replacing them on the Committee of Management. He reported that this year's meeting between the Network, the RSGB, UKRS and the Radiocommunications Agency had not yet taken place, but hoped that it would be held in due course. He announced that in future the preferred system of distribution of RAY~Link would be by email, and as considerable savings would be made in printing and postage costs, all members who could were asked to request email distribution by sending an email to distribution@raynet-uk.net. If the take up was as high as expected, it was hoped that the number of issues could be increased from four to five or six. A paper copy would still be posted to those unable to receive an emailed copy. It was also announced that the raynet-uk.net accommodation address and forwarding system, which previously cost £5.00 per year, would now be free to all registered members and those wishing to enrol should send an email to it@raynet-uk.net.

The RAYNET Trophy was presented to Alan Hopkinson, G8OJQ, deputy controller of the West Cheshire Group, for outstanding service to RAYNET over many years.

During the informal session which followed the AGM, topics included the proposed increase in annual subscriptions from £4.80 to £5.40, the possibility (and degree) of expanding the service which we can provide, working with under eighteen-year-olds, the practicality of moving the financial year nearer the working year and licensing conditions.

The meeting closed at 16:30 hrs and in the evening an AGM dinner, which was arranged by Phil Webber, ZC4, was held in Newmarket.

Chairman's Report 2000-2001

The Committee of Management has so far met four times this year, in January, March, June and September, with the majority of zones being represented at each meeting.

Earlier this year Iain Strachan, GM4FLP, ZC22, stood down following a long period of service to the Network. Owing to business commitments coupled with the long travelling hours associated with a trip to Beaconsfield, Iain did not attend many of the Committee of Management meetings during his term of office, but nevertheless he was always there to help should the need arise. My thanks go to Iain for the time he dedicated to RAYNET while a ZC. We welcomed his replacement, David Duff, GM4UGF, to the June meeting.

Those with long memories may remember Geoff Griffiths, G3STG, who this year rejoined the COM for a one year term of office. Come to think of it, long memories are not really necessary as Geoff has

never really been away. As well as his ZC duties, Geoff looks after the distribution of the 80 news each week. Roger Beever, G6CKR, who visited the COM in September, will take over as ZC3 from Geoff in January.

This year saw another new COM member, Phil Webber G8KLC, who succeeded Martin Green, G4PMG, as ZC4. Phil is an enthusiastic member of the team, and is the AGM host ZC this year, taking up the work started by Martin, and making today's arrangements with the Forest Heath Group.

In September we were joined by Phil Williams, G6AQP representing Zone 5, and hopefully he was so impressed that he will stay around for a term of office!

David Green, ZC9 designate, joined us as a visitor for our January meeting, and we look forward to seeing him in his own right from

Chairman's Report 2000-2001 - Continued from previous page

next January onwards. He is replacing Madeley Smith, G8KVU who is finally hanging up his ZC hat. Somehow, Committee of Management meetings will never quite be the same again! I only had to mention printing needs, or badges, or trophies, and Madeley would take the whole project on board from start to finish. I am sorry that he cannot be with us today, but holidays come first!

The Web site has been total re-organised by Jim Andrews, G1HUL, with David Whiteman, G1ADW, standing down from his position of webmaster for the Leeds server. The thanks of the Committee of Management go to David for all the years of hard work which he put in to the Network's IT projects.

Up until now members have been asked to pay for a raynet-net.uk address and forwarding service. I am pleased to announce that from today this service will be free of charge for all members.

This year we ran a "Free Membership" scheme to encourage new members. I would be the first to admit that this was rushed, but never-the-less it proved successful. Geoff Griffiths, G3STG, took responsibility for the day to day running of the scheme, and I am delighted to say that it worked. The Committee of Management intends that the scheme be run again next year, starting on the first of January, but this time we will try to iron out all the problems which crept in this year. Those who took advantage of the scheme last year, but who did not join, will not be able to have a second bite at the cherry.

Unfortunately we continue to lose members, and the Foot & Mouth crisis did not help us. Groups did not have their usual exercises, and instead of using the time for training, many used the situation as an excuse for a break. Let's get back into real RAYNET now!

The world situation is worrying, and the Network, with the blessing of WPECC, the Working Party on Emergency Contingency Communications of the Cabinet Office has asked for HF volunteers to go on standby should their services be required. Trevor Groves, G4KUJ, is leading the project and so far over forty volunteers have come forward, and I am sure that there are several others who will do so in the near future. The Radio Society of Great Britain has been very supportive of this move, and thanks are due to Tom Reilly, G0NSY, the RSGB ERLO, for the enormous help which he has given to the project. Greg Mossop, G0DUB has also been of great help as he leads a team of HF enthusiasts experimenting with NVIS. The request for volunteers has been made to all RAYNET members, and this is reflected in the callsigns coming forward.

Training continues to be problematical, owing mainly to the cost of travelling and accommodation, and for this reason Tom Hanratty and his team have reluctantly had to admit that we need to change direction and cut our cloth according to our means. They have stood down, not because of lack of interest, or because of lack of success, or because of lack of volunteers to be trained, but purely because we cannot find an economical way of getting thirty or so members together in one place at a reasonable package price. Travelling costs alone make the project difficult, and add time and accommodation and there is a real problem.

We have, however, several feelers out, and hopefully training will go forward in two different directions. Distance learning is being examined at present, and we have also made approaches to two organisations asking for financial assistance to restart the "Training the Trainers" programme.

RAYNET Supplies have had a good year, but Brian and Moira Shearer are finding nationwide travel difficult owing to having less time available because of business commitments. Never-the-less I received

a cheque for £250.00 from RAYNET Supplies which I have passed on to the Treasurer. Brian has asked me to find a replacement, and, subject to Committee of Management approval, a new volunteer will take over at the end of the year. Meantime the Dunoon address continues to be RAYNET supplies.

Jack Goodman G4PIJ took over as treasurer on 1st. January, so the report which he is about to present is that of Ray Webb, G3EKL, our past treasurer, who stood down at the end of last year. Ray was a great treasurer, and a presentation was made to him earlier this year. Jack is a worthy successor, and a welcome addition to the Committee of Management meetings. Helping Jack with the transition is Brian Tindill, G4HVA, Mr. RAYNET at Hunters Moon. Brian has it all "sorted" at Hunters Moon, and, believe me, does the work of six.

Ian Jackson, G8RWH, is our Secretary, and "Talk Through Permit" man. Ian has been with us for so long that we forget the volume of work which he processes each year, easing our way through both Company and Charity business. Thank you Ian.

Our Minute Secretary is Cathy Clark, G1GQJ, and as well as being deputy Chairman, she leads the EP team, and does everything else which needs to be done, or which I don't get around to. Thanks Cathy.

I am disappointed to note that the annual meeting with the Radiocommunications Agency, the RSGB and UKRS has not taken place this year, and I fear that last year's was a "one off". Hopefully this will not be the case, and we will be able to get together soon to progress the programme which we started in 2000.

Technology marches on, and the telephone BBS and GB7NRC have both been withdrawn from service because they were receiving little use, and they have been replaced with more efficient methods of communication. Ray~Link will also benefit from the technology advance. From the next issue, it will be distributed electronically to members, although a paper copy will be available for those without email facilities. Members are asked to volunteer to receive RAY~Link this way, as the cost savings will be substantial. It is likely that the number of issues can be increased if we receive a good take up. Members are asked to send an email addressed to distribution@raynet-uk.net asking to go onto the electronic distribution list.

There has been a call from the membership for an expansion of our duties, and the Committee of Management is currently looking at the proposals. We must, of course, accept that our primary role is emergency communication, but we may relax some of the tighter restrictions which currently apply.

In most groups there is usually someone who takes on most of the tasks, either because they want to do it, or because there is nobody else available, and they want to ensure that the job get done well and on time. In some cases it is because they have the time available, and in others it is because they have the necessary skills to complete the work and other members are delighted with the way tasks are undertaken. Nothing special needs to be arranged, but that member will ensure that the group is represented to user services and other interested groups in the best possible light.

In the West Cheshire Group that person is Alan Hopkinson, G8OJQ. Alan is the group's deputy controller, and he can be relied upon to carry out many of the regular tasks which fall to deputy controllers, and many others as well.

Alan has been nominated as the recipient of this year's RAYNET trophy, and I have pleasure in asking Alan to come forward to receive it....

Recruits Wanted!

**Geoff Griffiths, G3STG
"Join Us" Co-ordinator**

This has been a strange year. For many of our Groups the usually busy summer months were uncannily quiet, to be followed by a hectic autumn. Let's hope that next year falls into the more usual pattern.

It's quite clear however that most groups have identified the need to attract new members. In common with many other volunteer services, our membership numbers have been gradually declining, and we need to replace experienced members we are losing over the years, and bring new blood, enthusiasm and ideas into our teams. It is against this background that the Committee of Management has decided to run the "Free Membership" scheme in 2002.

This special offer is to be extended to amateurs who had never before been a registered member of the network, and allows them to have a trial period of membership from 1st January to 30th April. It is intended to give them a taste of RAYNET, an opportunity to meet their local group, and maybe sample an event or a training session. Application forms for this offer will be appearing on the network web pages from 1st January, and applicants will be invited to send completed forms to Bedale, with the envelope marked "Join Us".

In return they will receive: A welcome from the "join us" team, A temporary period laminated ID card (not carrying a photograph), Two issues of RAY~Link, Priority RAYNET Manual purchase, An introduction to their nearest Network Group, with contact details, The ability to purchase personal supplies from RAYNET supplies at members prices during their membership, and a chance to take out Personal Accident Insurance with the Network.

Applications normally take about 21 days to process. It is hoped that once temporary members have sampled the rewards of contributing to group activities, and enjoyed a taste of public voluntary service, and the feeling of being part of the team, then they will want to continue in full membership.

Please note that this offer is not available to existing members, to those who benefited from the scheme last year or to former members re-joining the Network.
So what do you need to do?

All members are encouraged to make any "free" members welcome to their group, and to help them take part in their activities, feeling part of the team, doing a valuable job for the community. If you don't make them feel welcome and useful, then you will lose them as quickly as they arrive!

Full details will be available at <http://www.raynet-uk.net/> at the end of the year, or from "join us" at Bedale Group Controllers will be advised as volunteers in their area take on the trial membership, and it is hoped that many of our new recruits will go on to become useful and permanent members of your team.

So go to it! Talk about RAYNET to your fellow amateurs, and show them how good it feels to be part of the Network.

Tunnel Radio

Roger Stapleton (GM0GKR)

In Tayside we have had a regular event since 1995 where we provide communications through a disused railway tunnel. The event is the Scottish Hillrally which is held over rough ground near Glen Farg, south of Perth. The event was planning to use the RAC MSA safety frequency on 86MHz but the communications officer rapidly realised that this was rather a long wavelength to get through a dual track railway tunnel, especially one with farm machinery parked in it. Being also a radio amateur and a member of RAYNET he thought he knew a man who could get radio waves through the tunnel.

On the day our job is to check competitors through the tunnel. The tunnel is about 400m long, and curved. You can't see the other end until you are past half-way (or so I am told). The tunnel is through Andesite and Tuff of Devonian age, and I believe it is unlined. As you may have guessed I have not been through the tunnel; as Net Control I am usually somewhere on the hill above.

We put an operator at each end of the tunnel, and to link to the rest of the safety net, we also have operators about half a mile each side of the tunnel. Where we are the trackbed is going round the shoulder of a hill to descend from Glen Farg to Bridge of Earn. Our four operators are thus at points along a one-mile curve of about 100 degrees hugging the side of, and going through, a hill. If you want to look at the map of the area, try OS 1:50,000 sheet 58 (Perth to Alloa); the tunnel runs from NO158148 to NO162145 and our other operators are at NO135159 and NO155149. If you don't have the map on paper but you do have access to the net try <http://www.streetmap.co.uk/streetmap.dll?G2M?X=315500&Y=714500&A=Y&Z=3> to get a map of the area.

On all but one occasion we have used a 70cm frequency and all four stations have been able to talk to each other. One year, though, 70cm was no use but 2m worked fine. No, we don't understand, but if it works one the day you use it! The first year the event actually started a bit further south down the railway, at the other end of another 500m straight tunnel. We ran 70cm from start of tunnel one to end of tunnel two - just.

Obviously the nature of the tunnel walls and the contents of the tunnel will make a difference to the propagation through the tunnels. However we started on 70cm because I seemed to remember a report that RAYNET had provided comms during the day when the public could walk through the Severn rail tunnel. This was when it re-opened after a rather nasty fire on a train in the middle of the tunnel. What I remembered was that 2m went a few hundred meters into the tunnel but 70cm went right through and was still 5&9 at the other end. I think that the British Railways (it was, I think, before they lost their 'ways') radios were known not to work in the tunnel. (Can anybody put my memory right on this?)

The next event is planned to be on 19th & 20th July 2002. If you would like to come and help (and perhaps investigate the tunnel) then get in touch with me (jrs@st-and.ac.uk).

Letter to the Editor re Tunnel Comms.

Thank you for printing the piece on tunnel communications. Would anyone who has done, or is aware of, similar work please get in touch with me.
Many thanks.

John Rabson G3PAI Suffolk Coastal Raynet Tel: 01394 460298
Fax: 01394 420795 word.factory@zetnet.co.uk

The Data Protection Act (1998)

Advice for RAYNET groups

Introduction

The purpose of this document is to offer practical advice to RAYNET groups on the implications of the changes in the legislation concerning Data Protection. The paper covers the key principles for data protection and offers concrete advice for RAYNET Groups, as well as some background information about the Act.

Background

The Act came into force at the beginning of March 2000. Key changes under the Act include:

- ***Extending the provision to include manual records***

- A new definition of Sensitive Personal Data
- An individual right to prevent processing likely to cause damage or distress
- An individual right to prevent processing for the purpose of direct marketing
- New exemptions from notification and registration
- ***A direct requirement on data controllers to comply with the data protection principles **whether they are required to notify under the Data Protection Act or not.*****
- The Data Protection Registrar will now be called the Data Protection Commissioner and has powers of enforcement and a new duty to promote good practice.

Eight Data Protection Principles

All Data Processors and Data Controllers must adhere to the following principles that data must be:

1. Processed "fairly and lawfully"
2. Obtained for a "specified and lawful purpose"
3. Adequate, relevant and not excessive to that purpose
4. Accurate and up to date
5. Kept only for as long as required for the purpose for which it was obtained
6. Processed in accordance with the rights of data subjects
7. Secure - the level of security being proportionate to the level of harm that could result if unauthorised access occurs
8. Not transmitted outside the EEA without consent from the data subject

Rights of Data Subjects

Data Subjects have the right:

- To know that the information is held and the purpose for which it is held
- To stop any automated processing (e.g. express that no data is held in computer system)
- To stop processing likely to cause "substantial damage or distress"
- To receive prompt replies to queries concerning data held about the subject. (If requests are received from data subjects, copies of their records must be made available within 40 days.)
- To prevent processing for the purposes of direct marketing.

Exemptions

Registration is now called notification and an exemption from notification has been provided for small clubs, voluntary organisations, church administration and some charities. This applies to RAYNET groups if your processing is only:

“For the purposes of establishing or maintaining membership or support for an association not established or conducted for profit or providing or administering activities for individuals who are either members of the body or association or have regular contact with it”

All those processing and using data on behalf of a RAYNET group need to abide by the eight data protection principles and ensure the rights of data subjects are upheld.

Under this exemption you may only:

- Hold and process data necessary for the exempt purpose
- Disclose to 3rd parties which are necessary for this exempt purpose

How this applies to RAYNET

Until now, groups could avoid registration under the ‘unincorporated members association’ exemption clause, providing they only held data on their own membership and only disclosed within the group. If any other contact details were held or disclosure required, registration was required. This clause, along with many others, no longer exists in the 1998 act.

Under the 1998 act, other contact details (such as user services, event organisers etc.) and other external contact information can now be held without the need to notify, as it is deemed to be “providing or administering activities” for the group.

The new disclosure clause under the not-for-profit exemption allows you to provide information, as needed, to members of the user services and other agencies involved in our activities.

Groups must have a defined mechanism for requests from Data Subjects for disclosure of information held on them. This disclosure must be in full (including all sensitive personal data), written and provided within 40 days of the request.

Remember that you may not need to notify your data usage, but you cannot escape from the requirement to comply with the principals of the Data Protection Act.

What is sensitive personal data?

Explicit consent is required from a data subject to hold sensitive personal data. Please refer to the glossary for a full list of sensitive data definitions.

Information likely to be held by RAYNET groups includes:

- Health
- Disabilities / special needs

This is information that a responsible group should hold, with the data subject’s consent, as controllers need to be aware of conditions that could affect a members’ ability to carry out duties.

Groups should ensure that any request for sensitive personal data includes written consent from the member for that data to be held. The data must be kept up to date.

But RAYNET has notified nationally, does this not cover us?

No, it only covers the Committee of Management and specialist teams.

If this notification were extended to every group, requests for disclosure from a Data Subject would involve checking with every group in the county for details on the member.

Local Group and County data usage is the responsibility of the respective Controllers, who should ensure compliance within their own areas.

Glossary of terms

Data Information processed by means of automatic equipment (computers, faxes etc.) and/or recorded as part of a “relevant filing system” and/or which constitutes an accessible record. Personal Data about any living individual who can be identified from that data or from any other information held by the data controller.

Sensitive Personal Data

Defined as:

- Race and/or ethnicity
- Political beliefs
- Religious and similar beliefs
- Trade union membership
- Physical/mental health
- Sexuality
- Criminal convictions and offences Names, addresses, dates of birth and telephone numbers are **not** considered Sensitive Personal Data.

Data processing Obtaining, recording or holding personal data and “carrying out any operation or set of operations on it.”

Data controller The person or persons who determine the purposes and manner in which personal data is processed.

Data subject Each individual whose information is held.

Relevant filing system “any set of information relating to individuals, that... is structured... in such a way that specific information relating to a particular individual is readily accessible” In other words any set of well-kept records whether on computer or not.

EEA European Economic Area (the 15 EU member states plus Iceland, Liechtenstein and Norway)

Madeley Smith, G8KVV

A Special Merit Award was presented to Madeley Smith G8KVV, who has just stepped down as ZC9, recognising his lifetime contribution to community and Fire safety. He was a former fire fighter, Fire Officer at a Coventry chemicals factory, Special Constable and St John Ambulance Officer.

The Reverend Graham Smith, also a licenced radio amateur G4NMD, who nominated his father for the award, said: "Our family were known to answer the home telephone with the message 'Fire, Police or Ambulance - which service do you require?'"

The award is in memory of Bill Hardy who was a fire fighter in Coventry and a prominent member of the Fire Brigades Union before becoming a local Councillor. He was Lord Mayor of Coventry in 1989/90. He died in September 2000 and the Coventry Community Fire Station Partnership set up an annual award in his memory.

RAYNET History

Dave Hicks

As most of you know, I have been preparing notes over several years for the History of RAYNET. My notes are complete except for a noticeable gap of the years 1958-1964. I need copies of RSGB Bulletins for those years, or at least sight of them, for research purposes, regarding entries on emergency radio/RAEN. If anyone is a hoarder of these Bulletins they could save me a journey to Potters Bar, to view their records. Ron, If you could put a request in the news for any historical information, including the above, and especially photographs I would be obliged.

Please reply to David.Hicks@raynet-uk.net

Mike Watson, G8CPH

Mike Watson died in December as a result of a road traffic accident. His funeral service, which was attended by RAYNET colleagues, was held at Ipswich Crematorium on Monday 17th. December.

It was requested that donations should be made to Imperial Cancer Research and this can be done through the funeral directors, Farling, Hastings and Singleton of Ipswich. Mike will be remembered for his long service as County Controller Suffolk for many years since the formation of the Network, and prior to that during the RSGB RAYNET years. In recent times he has been regularly on duty at Mildenhall in an Airfete Control liaison role. For many years he offered to supply RAYNET tabards and other RAYNET "goodies" through the columns of RADCOM.

Fund Raising.

David Walker
2E1 DHX

David Walker, 2E1 DHX, of South West Dorset RAYNET is raising funds to send Margaret Walker and her husband to Lourdes. Margaret has a condition called Fibromyalgia in connection with CFS - Chronic Fatigue Syndrome and AutoImmune Disease.

This condition is quite rare with only 5% of the UK population being able to contract it; this still however equates to over 3 million people. People who have Auto Immune Disease suffer amongst other things the problem where the body's natural immune system has turned tail and is now slowly attacking the organs it is supposed to protect, thus one by one, various different organs are being killed off. Fibromyalgia is a muscle wasting disease where the messages from the brain do not always reach their intended destination, thus the muscles become lazy and waste away. Symptoms include whole body pain, high temperature, hyperactive thyroid glands and insomnia. Sufferers often say, "If only I could get a good nights sleep, on the outside we look OK but inside the pain is unbearable". This can be steadied with the use of a wide selection of drugs, in Margaret's case up to 5 different types, 2 times a day, including high doses of pain killers. Each one of these drugs are taken purely to replace what has been destroyed by the condition.

It is hoped that Margaret and her husband can go to Lourdes to search for a possible cure or at the very least to try and alleviate the constant mind numbing pain that she goes through. There is no guarantee that this is going to work, but after 10 years of trying a variety of other methods they are faced with "if we don't try then we will never know".

One way in which they are raising the funds is by selling advertising space on family vehicles for a period of 6 months, driving around both Dorset and Hampshire. In just 6 weeks they have raised over £ 600 but are still quite a long way off target. Further details can be obtained from David Walker on 01425 481125 - daytime, 01202 479892 - evening or email David on lourdesfund@aol.com

RAYNET SUPPLIES
85 Eastwoodmains Road
Clarkston
GLASGOW G76 7HG
supplies@raynet-uk.net

Ref No	Description	Price	Less 10%	P&P	Mbr Total
101	Yellow High Visibility Std. Jacket - Small	£53.00	£47.70	£5.25	£52.95
102	Yellow High Visibility Std. Jacket - Medium	£53.00	£47.70	£5.25	£52.95
103	Yellow High Visibility Std. Jacket - Large	£53.00	£47.70	£5.25	£52.95
104	Yellow High Visibility Std. Jacket - X Large	£53.00	£47.70	£5.25	£52.95
105	Yellow High Visibility Std. Jacket - XX Large	£53.00	£47.70	£5.50	£53.20
106	Yellow High Visibility Std. Jacket - XXX Large	£61.00	£54.90	£5.50	£60.40
201	Yellow High Visibility Waistcoat c/w badges - Small	£18.70	£16.83	£1.25	£18.08
202	Yellow High Visibility Waistcoat c/w badges - Medium	£18.70	£16.83	£1.25	£18.08
203	Yellow High Visibility Waistcoat c/w badges - Large	£18.70	£16.83	£1.25	£18.08
204	Yellow High Visibility Waistcoat c/w badges - X Large	£18.70	£16.83	£1.25	£18.08
205	Yellow High Visibility Waistcoat c/w badges - XX Large	£18.70	£16.83	£1.50	£18.33
206	Yellow High Visibility Waistcoat c/w badges - XXX Large	£19.25	£17.33	£1.50	£18.83
301	Reflective "RAYNET" badge - Small	£2.25	£2.03	£0.50	£2.53
302	Reflective "RAYNET" badge - Large	£4.50	£4.05	£0.75	£4.80
303	Reflective "RAYNET Controller" badge - (Small)	£3.00	£2.70	£0.50	£3.20
304	Reflective "RAYNET Controller" badge - (Large)	£5.35	£4.82	£0.75	£5.57
311	Epaulettes - Pair	£3.90	£3.51	£0.75	£4.26
312	Epaulettes - Controller - Pair	£5.50	£4.95	£0.75	£5.70
316	Clear Pocket - (Small)	£1.15	£1.04	£0.75	£1.79
317	Clear Pocket - (Large)	£1.70	£1.53	£0.75	£2.28
321	Embroidered Badge (Sew-on)	£2.50	£2.25	£0.50	£2.75
331	Network Tie	£6.70	£6.03	£0.75	£6.78
336	Ladies Headscarf	£6.70	£6.03	£0.50	£6.53
341	Baseball Cap with "RAYNET"	£4.45	£4.01	£1.25	£5.26
342	Baseball Cap with Network Logo	£4.45	£4.01	£1.25	£5.26
351	ID Holder with Clip	£1.70	£1.53	£0.50	£2.03
352	Leather Keyring Network Logo	£3.10	£2.79	£0.50	£3.29
353	Lapel Badge with Network Logo	£1.15	£1.04	£0.50	£1.54

RAYNET SUPPLIES
85 Eastwoodmains Road
Clarkston
GLASGOW G76 7HG
supplies@raynet-uk.net

Ref No	Description	Price	Less 10%	P&P	Mbr Total
356	Foldover Clipboard	£5.60	£5.04	£1.80	£6.84
361	18 amp Connectors - Pack of 10	£7.80	£7.02	£0.75	£7.77
371	Window Sticker - (Network 100mm Round)	£0.90	£0.81	£0.50	£1.31
372	Window Sticker - (RAYNET 200 x 60)	£0.45	£0.41	£0.50	£0.91
373	Window Sticker - (RAYNET 500 x 125)	£0.90	£0.81	£0.50	£1.31
376	Logo Sticker, Black on Yellow - (280mm)	£4.45	£4.01	£0.75	£4.76
381	RAYNET Car Window Panel	£7.80	£7.02	£0.75	£7.77
397	Magnetic Sign - (Silver on Blue 310 x 100)	£5.00	£4.50	£1.35	£5.85
398	Sign for mounting on Roof Rack	£22.50	£20.25	£2.75	£23.00
399	Emergency Cone Light	£22.50	£20.25	£2.00	£22.25
401	Acrylic V neck Jumper - Small	£12.30	£11.07	£2.00	£13.07
402	Acrylic V Neck Jumper - Medium	£12.30	£11.07	£2.00	£13.07
403	Acrylic V Neck Jumper - Large	£12.30	£11.07	£2.00	£13.07
404	Acrylic V Neck Jumper - X Large	£12.30	£11.07	£2.25	£13.32
405	Acrylic V Neck Jumper - XX Large	£12.30	£11.07	£2.25	£13.32
411	Acrylic Round Neck Jumper - Small	£12.30	£11.07	£2.00	£13.07
412	Acrylic Round Neck Jumper - Medium	£12.30	£11.07	£2.00	£13.07
413	Acrylic Round Neck Jumper - Large	£12.30	£11.07	£2.00	£13.07
414	Acrylic Round Neck Jumper - X Large	£12.30	£11.07	£2.25	£13.32
415	Acrylic Round Neck Jumper - XX Large	£12.30	£11.07	£2.25	£13.32
431	Polo Shirt with Logo - Small	£15.00	£13.50	£1.80	£15.30
432	Polo Shirt with Logo - Medium	£15.00	£13.50	£1.80	£15.30
433	Polo Shirt with Logo - Large	£15.00	£13.50	£1.80	£15.30
434	Polo Shirt with Logo - X Large	£15.00	£13.50	£1.80	£15.30
435	Polo Shirt with Logo - XX Large	£15.00	£13.50	£1.80	£15.30
441	Pilot Shirt - Short Sleeves - Small	£11.25	£10.13	£1.80	£11.93
442	Pilot Shirt - Short Sleeves - Medium	£11.25	£10.13	£1.80	£11.93
443	Pilot Shrit - Short Sleeves - Large	£11.25	£10.13	£1.80	£11.93
444	Pilot Shirt - Short Sleeves - X Large	£11.25	£10.13	£1.80	£11.93
445	Pilot Shirt - Long Sleeves - Small	£11.25	£10.13	£1.80	£11.93
446	Pilot Shirt - Long Sleeves - Medium	£11.25	£10.13	£1.80	£11.93
447	Pilot Shirt - Long Sleeves - Large	£11.25	£10.13	£1.80	£11.93
448	Pilot Shirt - Long Sleeves - X Large	£11.25	£10.13	£1.80	£11.93
501	CD RAYNET Operations Manual	£5.60	£5.04	£0.75	£5.79



RAYNET Supplies

85 Eastwoodmains Road, Clarkston, Glasgow G76 7HG
 e-mail supplies@raynet-uk.net Phone 0141-638 0732 Fax 0141-621 1000

Purchaser's Details (Please print clearly!)

Name

Callsign

Address

Postcode

Group Number (On membership card)

_____ / _____ / _____

Email address

Telephone

Please supply the following (State size and colour if appropriate)

Qty	Ref	Description	Size	Colour	Total Cost

Cost of Order	£
Less 10% for Network members (if applicable)	£
Sub-total	£
Add Post & Packing	£
Cheque / PO enclosed with the Order Total	£

Please email for post & packing charges on multiple orders.

Orders will be dispatched as soon as possible, but please allow 21 days for delivery.
 RAYNET Supplies reserves the right to alter specifications and / or prices without prior notification.



The Radio Amateurs' Emergency Network

Registered Charity No. 1047725

Limited by Guarantee. Registered in England No.: 2771954
Registered Office: 4 North End, BEDALE, North Yorkshire. DL8 1AB

Application for a free RAYNET e-mail address

Personal details

Name

Callsign / RAY number (if applicable)

RAYNET group (code and name)

Contact address

E-mail addresses

Choice	Address	Re-directed to
(example)	john.smith@raynet-uk.net	smith143@freeserve.co.uk
1 st	@raynet-uk.net	
2 nd	@raynet-uk.net	<i>The person holding the @raynet-uk.net address can change the 'Re-directed to' address at any time, the address given above is only used to set up the account.</i>
3 rd	@raynet-uk.net	

Notes

E-mail addresses are only available to current members of The Radio Amateurs' Emergency Network and RAYNET groups registered to The Radio Amateurs' Emergency Network.

All raynet-uk.net e-mail addresses are free to registered members. Applications must be sent to: Hunters Moon, Station Road, Newton-le-Willows, BEDALE, DL8 1SX.

Your e-mail account automatically expires upon expiry of your RAYNET membership (in the case of personal addresses) or if the group ceases to exist (in the case of group addresses).

Upon registration, you will receive a welcome message to let you know it has been set up, instructions on how to use the system and a password so you can change the e-mail address your mail is re-directed to.

We will endeavour to register your first choice of address. If the address is a RAYNET group, the correct name should be used to avoid conflict with adjacent groups. If you are registering a personal address (such as john.smith@) you will automatically be given, if applicable, {your callsign}@ as a second address.

All addresses will be entered onto National and County mailing lists for the purposes of disseminating information within the Network. It is stressed that all such mailing lists are 'moderated', that is all mail being posted is vetted by a moderator before release to prevent receipt of unsolicited mail.

The Radio Amateurs' Emergency Network undertakes to maintain the privacy of your mail. Logs of mail transferred may be maintained for statistical purposes; under no circumstances will message content be recorded.

Declaration

I hereby apply for a RAYNET e-mail address and confirm that (in the case of it being a RAYNET group application) I have been authorised by the appropriate committee to apply for the address.

Signed:

Date:

Please tick if you wish to receive RAY~Link by e-mail instead of paper copy. This will be e-mailed to you in Adobe Acrobat PDF format. Full instructions will be contained in each e-mail, including where to get the free Acrobat reader.

Form: EMAIL-01 (Rev 02/01)