



*This edition of RAY~Link has been sent to all registered members who have provided an e-mail address, and by post to Group Controllers who do not have e-mail facilities. Controllers are asked to ensure that all members of their group have sight of a copy of this edition*

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## MOU for RSGB and The Radio Amateurs' Emergency Network

A Memorandum of Understanding, which recognises the respective strengths of both organisations has been agreed between the Radio Society of Great Britain and the Radio Amateurs' Emergency Network (The Network).

The document, which was signed at the Kempton Park Rally on Sunday 19 April by RSGB President Jeff Smith, M10AEX, and Network Chair, Cathy Clark, G1GQJ, reflects the desire of both The Network and the RSGB to work together to further a common interest in Amateur Radio in general and Emergency Communications in particular.

The benefits of signing the MOU include:-

- \* Allowing the two organisations to work closer together and more effectively, promoting emergency communications to benefit all, regardless of affiliation, in order to meet the requirements of the User Services in times of emergency or disaster.
- \* The Network will have an improved liaison with the RSGB's Spectrum Forum on band-plan and licensing issues, if they affect emergency communications.
- \* The Network will, after liaison with the RSGB, take the lead on discussions with user services at national level.
- \* In future, there will be joint publicity material on issues which affect both organisations.

Following the ceremony, Cathy Clark, G1GQJ, said "I am delighted that the document is now in the public domain as the signing followed considerable preparation work which was undertaken by both organisations during the past year."

Full details of the MOU can be seen at <http://www.raynet-uk.net/main/mou.asp>



**Membership Fee 45p. per month.  
PAI £1.50 per year or part year  
(1st May - 30 April).**

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

**Emergency 24 hour contact  
line:- 0141 621 2121**

### CHAIRMAN:

Cathy Clark, G1GQJ  
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- Z9:** David Green, G8HPV  
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## THE RSGB EMERGENCY COMMUNICATIONS WEBPAGES Paul Gaskell G4MWO

**H**ave you ever wondered how many known RAYNET Groups there are in the UK, or which frequencies they commonly use? Have you sought after modification details for amateur and various ex-PMR radios? Do you need information on SSTV, APRS, Datamodes or NVIS? Are you curious about what other amateur radio emergency comms organisations there are in Europe and further afield? You can find these and more all in the one place at the RSGB's Emergency Communications Webpages. (<http://www.rsgb.org.uk/emergency/>)

The RSGB's Emercomms webpages are designed to COMPLEMENT the Network's webpages and are intended as an information resource for ALL RAYNET Groups, irrespective of affiliation and in fact anyone at any level with an interest in amateur radio emergency communications, thus taking a wider view.

A Newsboard features recent amateur radio news and often echoes items of general RAYNET news that may be first published on

the Network's 80m News. The Newsboard facility gives stories a little longer 'shelf life' than they might have with weekly news bulletins such as GB2RS. There are many links to appropriate areas of the Network website for such things as Network Talkthrough permits for instance, or Risk Assessment Forms. Several links go back directly to the Network's home page, so that you can switch sites relatively easily.

The RSGB's Emercomms webpages were designed from the start to give ALL RAYNET Groups and Members throughout the UK 'the tools to do the job' by providing information in one area. A measure of the importance RSGB attaches to emergency communications can be gained from the fact that the Emercomms webpages are part of the RSGB's main website - they are not a separate site linked off from it. Finally, the Emercomms Webpages are designed to make the general populace aware of the emergency communications potential of amateur radio, even if, initially, they don't know what the word RAYNET means.

## Reducing registration paperwork Jim, G1HUL

**F**or those who are connected to the Internet, you can significantly reduce the amount of paperwork that needs to be submitted and increase the accuracy of your members details by updating information via the website. Up until now, you were required to submit a REG-02 (application to register / re-register a member) for every member being registered or re-registered. However, you can now dispense with all the REG-02's for existing members and, instead, update the details on-line. All Group officers have access to edit all details for the members of their Group via the RAYNET website. So, what do we need to do, to reregister under this alternative procedure? It's very simple: Update details on-line for all members re-registering (under "Member

management" in the RAYNET members area [www.raynet-uk.net/members](http://www.raynet-uk.net/members)) Compile a one-page summary of callsigns and names, Complete a REG-01 (registration summary) Submit the following to registrations: "REG-01, Photos, Summary list, Payment. If you have any new members, you still need to complete a REG-02 and REG-06/06J (member's agreement) as the system will not yet know about them. The benefits are:- Reduced paperwork from the Group, Reduced keying required by the registrations team, Increased accuracy of information Reduced postage costs all round You may also be interested to know that you can update member details at any time, thus keeping their on-line record as accurate as possible.

## Service Recognition I Harley, G6BJJ

Mr L.A.HANCOX G0LBG  
1905 - 2003

The hard work by the members of West Devon RAYNET, based in and around the City of Plymouth, has been recognised by Plymouth City Council who have awarded them the Lord Mayor's Shield for Outstanding Community Assistance for 2003. The shield is awarded annually by Plymouth City Council to show its appreciation of the work undertaken by the voluntary sector in the city, especially at large public events held there.

West Devon RAYNET has been called upon several times by the City Council, mainly through the Emergency Planning Office the Police and Ambulance Services, to assist at such events as the Total Solar Eclipse, The annual Lord Mayor's Day Parade, and various Emergency Exercises, all of which are lined up again for this year.

Details of the West Devon Group and the forthcoming events can be found at their website:-

[www.westdevonraynet.btinternet.co.uk](http://www.westdevonraynet.btinternet.co.uk) or via a link at the national website.



### *A Tribute by G0WNG*

Les went to School in Birmingham pre World War 1. He was keen on engineering, planes & "wireless". He joined the Royal Air Force in 1924 and trained as a wireless operator. He was a keen SWL and whilst on posting in Egypt, pre WW2 built a 20m transceiver from "spares", commandeered from the RAF stores on the station.

This was, at the time, the only transmitter capable of direct contacts between Egypt & the UK. As Les did not have a licence at the time, the Air Ministry rapidly "redeployed" the radio! From 1940 - 1945 Les was stationed at station "Y", closely associated with Bletchley Park.

Post War Les flew with various Airlines world-wide. He flew mainly in Short Sunderlands & other various flying boats, around North Africa, the Middle East & across the pond. He amassed thousands of flying hours and flew in over 60 different types of aircraft. Post war, Les became a surveyor and worked with various ministries all over the world. He moved to Liverpool in 1957 and settled with his family before retiring at the tender age of 65. Having a radio licence (from 1989) kept him up to date with the field of radio communications and he put that to good use by joining RAYNET in 1989.

Les was group controller, deputy controller treasurer & secretary on many occasions and was, until his death a driving force behind the group. In fact, we consider Les to have been the oldest "active" member of RAYNET in the UK. He will be most sadly missed by family & friends.

# Running - The Inside Track

## Dave Howard M0BGR

In the last edition of RAY~LINK, I wrote about how we can get more from events. This time I will explain about road races from the runners' point of view to help RAYNET members understand a bit more about the psychology of those competing in these events.

Why do we compete at all? In my case, it is certainly not because I ever expect to stand on the winners' rostrum! Some will be competing hard to get a place whilst others will be trying to beat their mates, perhaps from their running club, but most of us are trying to do better than their 'personal best'. So most runners are simply competing against themselves - the toughest opponent of them all!

Runners will have trained hard during the weeks leading up to a race and will be keen to do well on the day. This leads to pre-race nerves and competitors have their own rituals to overcome these. You will see a variety of warm-up exercises going on - like sprints, jumps, skips etc. These are important to the runners, not only because they help warm up physically, but also to help them settle psychologically. The worst time for competitors is just before the start gun goes off and some react by starting a race far too fast - when I do this I always suffer later.

During a race, runners will be pushing themselves hard, so things can go wrong. A pulled muscle is usually fairly obvious and except in the most mild of cases will force a runner out of a race immediately. Cramp may produce similar symptoms, but in this case the competitor may be able to continue after a short rest.

It is sometimes difficult to know what to wear in a race, and getting this wrong can cause

difficulties, especially if weather conditions change. I did a 10-mile race last year at Margate where conditions were fairly pleasant at the start, so I decided to go with thin leggings and no jacket. Half way round the wind increased to near gale (or so it seemed to me!) and the rain came down. Despite running as hard as I could, I was losing body heat rapidly. I was very glad to make the finish line with no ill effects, but I am sure if the race had been any longer or conditions had deteriorated further, I would have been very glad RAYNET were there.

The opposite can happen if the temperature goes up or the wind drops during a race - a runner can find himself over dressed, even in winter, then get over-heated and dehydrated. The symptoms of either overheating or hypothermia may not be recognised by the runner until it is too late. If you suspect a competitor is in difficulties, you should tell a qualified First-Aider of your concerns, but except in the most extreme cases, it is the runner's own decision whether to continue or drop out.

Then there is exhaustion. The idea of a race is to do your best and this means pushing as close to the limit as you safely can, so inevitably runners feel bad at some point in the race - I find the fast starts I mentioned earlier come back to haunt me later in a race, particularly if it's a long one. However, I do find that if I ease off for a bit, maybe take a drink, then I can usually find hidden reserves from somewhere and get back to feeling almost human again. This is where the encouragement from the people watching, mentioned in my last Ray~Link article, can be really helpful and spur the runners on to new efforts. However, if a runner appears to be

really whacked and does not respond to a good cheer, then you should notify the First Aid people.

If a runner is forced to drop out of a race, they may react badly to being offered the help they need. They will feel the weeks of hard training have been wasted, they will be disappointed at not achieving their goal and they will feel they have lost face at having failed. All this in addition to being exhausted and perhaps in pain as well. The First Aid staff will be trained in dealing with this psychological trauma as well as the physical needs of the casualty. If you get involved then please try to be sympathetic and understanding of any emotional reaction there may be from the runner.

If all goes well, and it usually does, then the competitors get to the finish line in reasonable shape. You will now see another set of post-race rituals this time concentrating on stretching tired muscles to avoid painful post-race cramp and reducing the inevitable stiffness in the days following a race. Most runners will recover very quickly from the physical excesses, and most well-organised events have refreshments and other facilities available to help them do this. Most runners love to chat about how they did, so feel free to talk to them after the race, if you can take time out from your RAYNET activities.

Amateur Radio can be a sedentary hobby, and maybe having watched a race or two you feel you should try a little exercise. The Government recommends 20-30 minutes of

continuous brisk exercise 3-4 times a week. (Thank goodness we live in UK; the WHO recommends a minimum of one hour every day). If you have any doubts about your health, then see your doctor before starting. If you have any injuries or ailments then consult a sports physiotherapist to find out what you can do safely.

Brisk exercise will raise your heart and breathing rate noticeably, but you will still be able to converse easily. Note that to be effective the exercise needs to be continuous so walking the dog, and stopping at every lamp post, does not do it. Start by trying different activities, for example: walking, hiking, swimming, riding a bike and see what you enjoy - this is important as you will be spending at least 1 to 2 hours a week doing it.

After a few weeks, you will feel fitter and might be encouraged to increase the length and intensity of your sessions. This is fine, but always increase gradually and back off for a while if you feel any serious ill effects. There are now plenty of races and other sporting events for beginners, if you fancy trying a bit of competition, and who knows, one day you may wind up competing in the events you support today.

I hope this has helped you understand a bit more about the people taking part in races, and other sporting activities, and that will help you both in your RAYNET duties and in watching the events. The psychology is perhaps best summed up in the time honoured phrase: "You don't have to be mad to be a runner, but it certainly helps!"

## Mid-Herts trains the St Johns Ambulance cadets

In early February Peter Hammond G7CNX (controller Mid-Herts) received a request for communications training from the Bishops Stortford cadets. Fifteen members of the cadet force wanted to obtain their communication certificates.

For a number of years the communication training had been restricted to the adult groups and not with younger members, whose ages ranged from 8 to 18 years. Through his contacts in other St John groups Peter had obtained an outline training document which he could base a flexible course on and after burning the midnight oil the document was adapted and agreed so the group could offer the course to other divisions and user services.

After consultation with the cadet group leader it was decided to arrange the course over three Saturday afternoons with 2 1/2 hours per session, finishing on the third afternoon with a practical exercise in the near-by woods.

During the first afternoon a small video and power point presentation about radio communication was shown followed by the principles of radio, where it will work and the principles of message handling, and concluded with a short hands on session.

The second session reinforced the first and continued with setting up a small net of three groups of four student and getting them to

send some simple messages from a script usually used by the adults. This was really successful and the students enjoyed themselves and during the practical some parents waiting in the car park were able to listen to the groups in action and were impressed, which was more than the cadets were when they found out!

Before the third session one parent told the training group that her two sons had been in the car using the phonetic alphabet to read number plates all week and had asked for a pair of 446 radios for their birthday (the following week).

The third session was not really planned as the students were tasked with setting up a net with a control two first aid and two ambulance teams. This was achieved with the help of G0WEN, M3IJS and one of the parents, with Ann G1PRM acting as safety officer for the exercise. Phil G8KLC and the controller acted as casualties.

The cadets had to find the casualties, treat the injuries and request the relevant help over the radio using a controlled net. This went well and all of the students enjoyed the afternoon.

Mid Herts hopes to refine the communication training scheme with a power point presentation, video clips and trainers pack. If any groups would like further information please contact the training team or the Mid Herts Group direct.

## Problems with AOL e-mail accounts Jim, G1HUL

The weekly news, which is sent by e-mail to over two-thirds of the membership, is received by the vast majority of members without problem and is a welcome update on RAYNET activities. However in recent weeks, we have been receiving a significant number of rejections from members with AOL e-mail accounts. This appears to be a problem with AOL's definition of what is spam on an updated filtering system, and the news is being blocked for this reason. Please would members with AOL accounts check their personal spam settings to ensure that mail from the raynet-uk.net domain is allowed through, otherwise you will not receive the news. At the moment we are being tolerant with accounts that reject the news, however we will shortly start removing these from our distribution list and you will lose all mailings.

## Standby for groups in the North West

**R**AYNET groups in Cheshire and Greater Manchester were put on standby following the fire in a BT underground tunnel in central Manchester in the early hours of Monday 29th March. Telephone lines were also affected outside Manchester, Lancashire and North Derbyshire.

The fire, possibly caused by an electrical fault, disrupted more than one hundred and thirty thousand telephone lines, ten thousand of which were in the Cheshire area. Cheshire Police were concerned about the effects on communications in the East Cheshire area, and via the Cheshire Emergency Planning Department requested the availability of RAYNET operators to cover the affected area effectively putting groups on standby at 0820hrs. Within ninety minutes, nearly twenty operators from Greater Manchester and the Cheshire RAYNET Groups indicated their availability.

The effects of the outage were widespread and varied with the Greater Manchester ambulance service losing landline/radio communications with their vehicles, but were able to use mobile phones as a means of contact. Other difficulties extended to the loss of telephone service with the consequential loss of 999 calls and disruption to the 'broadband' data network apparently extending to Merseyside & other areas.

The majority of RAYNET members in the affected area were formally stood down by Monday evening, but the Cheshire group and county controllers remained monitoring the local frequency of 145.2MHz in case the callout needed to be re-instated. They were stood down late on Wednesday afternoon when the 999 service appeared to have been restored to the Cheshire area. BT engineers are working hard to re-route affected services, but a full restoration of the service was not expected until 2nd April.

### Derbyshire also affected

Gareth Abel G6EJG, County Controller for Derbyshire, received a call from the EPO in Matlock just after 1000hrs on Monday notifying him of the fire and of subsequent problems in the High Peak area of Derbyshire and placing Derbyshire on standby. After starting the callout process within the county, Gareth notified the neighbouring Sheffield and Leicestershire groups in case assistance was required.

Subsequent conversations with the EPO revealed that large areas of the High Peak were without landlines or mobile phones, and that the problem had spread down almost as far as Ashbourne affecting areas such as Edale, Hartington, Longnor and the town of Buxton. Emergency vehicles were either sat in prominent locations or patrolling the areas. Extra officers were brought in from elsewhere to increase the number of patrols. It was understood from the Derbyshire EPO that Staffordshire EPU (which has RAYNET members on its staff) were on standby to bring their control vehicle into the area.

From the communications point of view, the worry was that the police system would not be able to cope long term and that RAYNET would be needed to provide extra facilities.

In the end, Derbyshire members were "provisionally" stood down late on Monday afternoon.

### Songs of Praise.

**M**adeley, G8KVU, QTHR, missed the Songs of Praise broadcast from Portsmouth Cathedral on Sunday 25 April, in which his grandson was a participant. He would welcome a copy if anybody taped it.

## Sunderland RAYNET

**S**underland RAYNET is again looking for assistance in the Lake District this summer for an annual event organised by Sunderland District Venture Scouts which they have been supporting for 12 years and which always attracts a great deal of interest. They have all been fantastic weekends with great satisfaction from successful and safe conclusions !

The 2004 Challenge Hike event HQ and the Base Campsite will be at the Eskdale Centre at Boot, in the Lake District on Friday 9, Saturday 10, & Sunday 11 July 2004.

RAYNET's role is to provide wide area safety communications in 'wild country' on behalf of the User Services. RAYNET operators are used in a variety of situations, the most important being the high-level, remote, mountain check-points which will usually be staffed by a Scout marshal. Some limited checkpoints are located on lower footpaths and roadsides.

There will be a campsite at the base and some limited bunkhouse accommodation may be available. The Scouts can provide a light supper on Friday, breakfast and supper on Saturday and breakfast on Sunday for those outstations who are able to return to base. A packed lunch is available to take out on Saturday and a cooked lunch is provided on Sunday, prior to the team presentations and closure. However, volunteers must also be self-sufficient for possibly long periods away from Base.

If you are interested, please contact Terry Elliott G0EHX  
terry.elliott@raynet-uk.net or 0191-528 9662



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

| Ref No. | Description   | Retail Price | P & P Ref | Banding |
|---------|---|--------------|-----------|---------|
| 1101    | Yellow High Visibility Jacket with clear badge pockets but no badges - S              | £53.00       | £6.00     | K       |
| 1102    | Yellow High Visibility Jacket with clear badge pockets but no badges- M               | £53.00       | £6.00     | K       |
| 1103    | Yellow High Visibility Jacket with clear badge pockets but no badges - L              | £53.00       | £6.00     | K       |
| 1104    | Yellow High Visibility Jacket with clear badge pockets but no badges - XL             | £53.00       | £6.00     | K       |
| 1105    | Yellow High Visibility Jacket with clear badge pockets but no badges - XXL            | £53.00       | £6.00     | K       |
| 1106    | Yellow High Visibility Jacket with clear badge pockets but no badges - XXXL           | £61.00       | £6.00     | K       |
| 1107    | Yellow High Visibility Jacket with clear badge pockets but no badges - XXXXL          | £61.00       | £6.00     | K       |
|         |   |              |           |         |
| 1111    | Yellow High Visibility Sleeveless Waistcoat with RAYNET badges front & back - S       | £17.50       | £1.75     | E       |
| 1112    | Yellow High Visibility Sleeveless Waistcoat with RAYNET badges front & back - M       | £17.50       | £1.75     | E       |
| 1113    | Yellow High Visibility Sleeveless Waistcoat with RAYNET badges front & back - L       | £17.50       | £1.75     | E       |
| 1114    | Yellow High Visibility Sleeveless Waistcoat with RAYNET badges front & back - XL      | £17.50       | £1.75     | E       |
| 1115    | Yellow High Visibility Sleeveless Waistcoat with RAYNET badges front & back - XXL     | £17.50       | £1.75     | E       |
| 1116    | Yellow High Visibility Sleeveless Waistcoat with RAYNET badges front & back - XXXL    | £17.50       | £1.75     | E       |
| 1117    | Yellow High Visibility Sleeveless Waistcoat with RAYNET badges front & back - XXXXL   | £17.50       | £1.75     | E       |
|         |   |              |           |         |
| 1121    | Yellow High Visibility Long Sleeved Waistcoat with RAYNET badges front & back - S     | £22.85       | £2.00     | F       |
| 1122    | Yellow High Visibility Long Sleeved Waistcoat with RAYNET badges front & back - M     | £22.85       | £2.00     | F       |
| 1123    | Yellow High Visibility Long Sleeved Waistcoat with RAYNET badges front & back - L     | £22.85       | £2.00     | F       |
| 1124    | Yellow High Visibility Long Sleeved Waistcoat with RAYNET badges front & back - XL    | £22.85       | £2.00     | F       |
| 1125    | Yellow High Visibility Long Sleeved Waistcoat with RAYNET badges front & back - XXL   | £22.85       | £2.00     | F       |
| 1126    | Yellow High Visibility Long Sleeved Waistcoat with RAYNET badges front & back - XXXL  | £22.85       | £2.00     | F       |
| 1127    | Yellow High Visibility Long Sleeved Waistcoat with RAYNET badges front & back - XXXXL | £22.85       | £2.00     | F       |
|         |   |              |           |         |
| 1301    | Reflective 'RAYNET' badge - S   | £2.25        | £0.75     | A       |
| 1302    | Reflective 'RAYNET' badge - L   | £3.90        | £0.75     | A       |
| 1303    | Reflective "RAYNET Controller" badge - S  | £3.00        | £0.75     | A       |
| 1304    | Reflective 'RAYNET' Controller' badge - L   | £5.35        | £0.75     | A       |
| 1311    | Embroidered round 'Network' logo sew on badge   | £2.50        | £0.75     | A       |
| 1312    | Lapel Badge, stud fixing, with round 'Network' logo                                   | £1.10        | £0.75     | A       |
| 1321    | Epaulettes - 'RAYNET' - Pair  | £7.25        | £0.75     | A       |
| 1322    | Epaulettes - 'Controller' - Pair  | £11.15       | £0.75     | A       |
|         |   |              |           |         |
| 1331    | Window Sticker - 100mm round 'Network' logo, black on yellow                          | £0.90        | £0.75     | A       |
| 1332    | Window Sticker, small, - Text 'RAYNET', black on yellow, 200mm x 60mm                 | £1.00        | £0.75     | A       |
| 1333    | Window Sticker, large, - Text 'RAYNET', black on yellow, 500mm x 125mm                | £1.35        | £0.75     | A       |
| 1336    | Car Window Panel with suckers   | £9.75        | £1.75     | D       |
| 1338    | Sign for mounting on vehicle roof rack, double sided, white on blue/red               | £20.25       | £4.50     | J       |
| 1341    | Magnetic Sign - Text 'RAYNET' white on blue, 310mm x 100mm, each                      | £6.00        | £2.00     | E       |
| 1342    | Magnetic Sign - Text 'Comms by RAYNET' black on yellow, 310mm x 100mm, each           | £6.00        | £2.00     | E       |
| 1351    | Flag 3'x2' dye printed, black Network logo on yellow polyester roped & toggled        | £42.00       | £1.75     | D       |
| 1352    | Network Logo Sticker, large - 280mm black on yellow, strong adhesive                  | £4.45        | £1.25     | B       |

All Network Members  
are entitled to a 10% discount  
deducted from their total order  
(see order form)

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| 1401    | Acrylic V Neck Nato Jumper embroidered round Network logo - S        | £15.55       | £2.75     | G       |
| 1402    | Acrylic V Neck Nato Jumper embroidered round Network logo - M        | £15.55       | £2.75     | G       |
| 1403    | Acrylic V Neck Nato Jumper embroidered round Network logo - L        | £15.55       | £2.75     | G       |
| 1404    | Acrylic V Neck Nato Jumper embroidered round Network logo - XL       | £15.55       | £2.75     | G       |
| 1404    | Acrylic V Neck Nato Jumper embroidered round Network logo - XXL      | £15.55       | £2.75     | G       |
| 1406    | Acrylic V Neck Nato Jumper embroidered round Network logo - XXXL     | £15.55       | £2.75     | G       |
|         |  |              |           |         |
| 1411    | Acrylic V Neck Nato Jumper embroidered text 'RAYNET' - S             | £15.55       | £2.75     | G       |
| 1412    | Acrylic V Neck Nato Jumper embroidered text 'RAYNET' - M             | £15.55       | £2.75     | G       |
| 1413    | Acrylic V Neck Nato Jumper embroidered text 'RAYNET' - L             | £15.55       | £2.75     | G       |
| 1414    | Acrylic V Neck Nato Jumper embroidered text 'RAYNET' - XL            | £15.55       | £2.75     | G       |
| 1415    | Acrylic V Neck Nato Jumper embroidered text 'RAYNET' - XXL           | £15.55       | £2.75     | G       |
| 1416    | Acrylic V Neck Nato Jumper embroidered text 'RAYNET' - XXXL          | £15.55       | £2.75     | G       |
|         |  |              |           |         |
| 1441    | Sweatshirt, navy, with embroidered round Network logo in gold - S    | £16.15       | £2.25     | F       |
| 1442    | Sweatshirt, navy, with embroidered round Network logo in gold - M    | £16.15       | £2.25     | F       |
| 1443    | Sweatshirt, navy, with embroidered round Network logo in gold - L    | £16.15       | £2.25     | F       |
| 1444    | Sweatshirt, navy, with embroidered round Network logo in gold - XL   | £16.15       | £2.25     | F       |
| 1445    | Sweatshirt, navy, with embroidered round Network logo in gold - XXL  | £16.15       | £2.25     | F       |
| 1446    | Sweatshirt, navy, with embroidered round Network logo in gold - XXXL | £16.15       | £2.25     | F       |
|         |  |              |           |         |
| 1451    | Sweatshirt, navy, with embroidered text 'RAYNET' in gold - S         | £16.15       | £2.25     | F       |
| 1452    | Sweatshirt, navy, with embroidered text 'RAYNET' in gold - M         | £16.15       | £2.25     | F       |
| 1453    | Sweatshirt, navy, with embroidered text 'RAYNET' in gold - L         | £16.15       | £2.25     | F       |
| 1454    | Sweatshirt, navy, with embroidered text 'RAYNET' in gold - XL        | £16.15       | £2.25     | F       |
| 1455    | Sweatshirt, navy, with embroidered text 'RAYNET' in gold - XXL       | £16.15       | £2.25     | F       |
| 1456    | Sweatshirt, navy, with embroidered text 'RAYNET' in gold - XXXL      | £16.15       | £2.25     | F       |
|         |  |              |           |         |
| 1461    | Polo Shirt, navy, with embroidered round Network logo in gold - S    | £14.95       | £2.25     | F       |
| 1462    | Polo Shirt, navy, with embroidered round Network logo in gold - M    | £14.95       | £2.25     | F       |
| 1463    | Polo Shirt, navy, with embroidered round Network logo in gold - L    | £14.95       | £2.25     | F       |
| 1464    | Polo Shirt, navy, with embroidered round Network logo in gold - XL   | £14.95       | £2.25     | F       |
| 1465    | Polo Shirt, navy, with embroidered round Network logo in gold - XXL  | £14.95       | £2.25     | F       |
| 1466    | Polo Shirt, navy, with embroidered round Network logo in gold - XXXL | £14.95       | £2.25     | F       |
|         |  |              |           |         |
| 1471    | Polo Shirt, navy, with embroidered text 'RAYNET' in gold - S         | £14.95       | £2.25     | F       |
| 1472    | Polo Shirt, navy, with embroidered text 'RAYNET' in gold - M         | £14.95       | £2.25     | F       |
| 1473    | Polo Shirt, navy, with embroidered text 'RAYNET' in gold - L         | £14.95       | £2.25     | F       |
| 1474    | Polo Shirt, navy, with embroidered text 'RAYNET' in gold - XL        | £14.95       | £2.25     | F       |
| 1475    | Polo Shirt, navy, with embroidered text 'RAYNET' in gold - XXL       | £14.95       | £2.25     | F       |
| 1476    | Polo Shirt, navy, with embroidered text 'RAYNET' in gold - XXXL      | £14.95       | £2.25     | F       |

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

| Ref No. | Description   | Retail Price | P & P Ref | Banding |
|---------|---|--------------|-----------|---------|
| 1501    | Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 15"   | £11.70       | £2.25     | F       |
| 1502    | Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 15.5" | £11.70       | £2.25     | F       |
| 1503    | Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 16"   | £11.70       | £2.25     | F       |
| 1504    | Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 16.5" | £11.70       | £2.25     | F       |
| 1505    | Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 17"   | £11.70       | £2.25     | F       |
| 1506    | Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 17.5" | £11.70       | £2.25     | F       |
| 1507    | Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 18"   | £11.70       | £2.25     | F       |
| 1508    | Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 18.5" | £11.70       | £2.25     | F       |
|         |   |              |           |         |
| 1511    | Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 15"    | £12.25       | £2.25     | F       |
| 1512    | Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 15.5"  | £12.25       | £2.25     | F       |
| 1513    | Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 16"    | £12.25       | £2.25     | F       |
| 1514    | Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 16.5"  | £12.25       | £2.25     | F       |
| 1515    | Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 17"    | £12.25       | £2.25     | F       |
| 1516    | Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 17.5"  | £12.25       | £2.25     | F       |
| 1517    | Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 18"    | £12.25       | £2.25     | F       |
| 1518    | Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 18.5"  | £12.25       | £2.25     | F       |
|         |   |              |           |         |
| 1521    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 15"        | £11.70       | £2.25     | F       |
| 1522    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 15.5"      | £11.70       | £2.25     | F       |
| 1523    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 16"        | £11.70       | £2.25     | F       |
| 1524    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 16.5"      | £11.70       | £2.25     | F       |
| 1525    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 17"        | £11.70       | £2.25     | F       |
| 1526    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 17.5"      | £11.70       | £2.25     | F       |
| 1527    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 18"        | £11.70       | £2.25     | F       |
| 1528    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 18.5"      | £11.70       | £2.25     | F       |
|         |   |              |           |         |
| 1531    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 15"         | £12.25       | £2.25     | F       |
| 1532    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 15.5"       | £12.25       | £2.25     | F       |
| 1533    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 16"         | £12.25       | £2.25     | F       |
| 1534    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 16.5"       | £12.25       | £2.25     | F       |
| 1535    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 17"         | £12.25       | £2.25     | F       |
| 1536    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 17.5"       | £12.25       | £2.25     | F       |
| 1537    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 18"         | £12.25       | £2.25     | F       |
| 1538    | Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 18.5"       | £12.25       | £2.25     | F       |

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**GLASGOW G76 7HG**  
**supplies@raynet-uk.net**

| <b>Ref No.</b> | <b>Description</b>  | <b>Retail Price</b> | <b>P &amp; P Ref</b> | <b>Banding</b> |
|----------------|---|---------------------|----------------------|----------------|
| 1601           | Fleece, grey, with embroidered round Network logo in gold - S               | £27.90              | £4.25                | H              |
| 1602           | Fleece, grey, with embroidered round Network logo in gold - M               | £27.90              | £4.25                | H              |
| 1603           | Fleece, grey, with embroidered round Network logo in gold - L               | £27.90              | £4.25                | H              |
| 1604           | Fleece, grey, with embroidered round Network logo in gold - XL              | £27.90              | £4.25                | H              |
| 1605           | Fleece, grey, with embroidered round Network logo in gold - XXL             | £27.90              | £4.25                | H              |
|                |   |                     |                      |                |
| 1611           | Fleece, grey, with embroidered text "RAYNET" in gold - S                    | £27.90              | £4.25                | H              |
| 1612           | Fleece, grey, with embroidered text "RAYNET" in gold - M                    | £27.90              | £4.25                | H              |
| 1613           | Fleece, grey, with embroidered text "RAYNET" in gold - L                    | £27.90              | £4.25                | H              |
| 1614           | Fleece, grey, with embroidered text "RAYNET" in gold - XL                   | £27.90              | £4.25                | H              |
| 1615           | Fleece, grey, with embroidered text "RAYNET" in gold - XXL                  | £27.90              | £4.25                | H              |
|                |   |                     |                      |                |
| 1701           | Tie, navy, with round 'Network' logo in white                               | £7.25               | £1.25                | B              |
| 1702           | Headscarf, navy, with round 'Network' logo in white                         | £6.00               | £0.75                | A              |
| 1703           | Baseball Cap, black, with round Network logo embroidered in gold            | £5.60               | £1.50                | C              |
| 1704           | Baseball Cap, black, with text 'RAYNET' embroidered in gold                 | £5.60               | £1.50                | C              |
| 1801           | Transparent ID badge holder with clip                                       | £1.65               | £0.75                | A              |
| 1802           | Keyring with leather fob with round 'Network' logo                          | £3.10               | £0.75                | A              |
|                |   |                     |                      |                |
| 1821           | 18 amp RAYNET standard connectors - Pack of 10 pairs                        | £8.35               | £1.50                | C              |
| 1831           | Emergency Cone Light with gravity switch, amber LEDs                        | £5.60               | £2.00                | E              |
| 1851           | Fold-over yellow clipboard with round 'Network' logo printed in black       | £7.25               | £2.75                | G              |
| 1852           | Fold-over yellow clipboard with '50 Years of Service' logo printed in black | £7.25               | £2.75                | G              |
|                |   |                     |                      |                |
| 1861           | PALight 4 function palm size torch with '50 Years of Service' logo          | £12.25              | £1.50                | C              |
| 1871           | '50 Years of Service' white mugs  | £4.50               | £2.00                | E              |

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# RAYNET Supplies

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

## Supplies Order Form for use of Network Members.

### Purchaser's Details (Please print clearly!)

|                 |   |
|-----------------|---|
| <b>Name</b>     | <b>Date</b>   |
| <b>Address</b>  | <b>Callsign</b>   |
|                 | <b>e-mail address</b>   |
|                 | <b>Telephone</b>  |
| <b>Postcode</b> | <b>Group code</b> (e.g. 12/SC/321)<br><small>(Printed on the back of your membership card.)</small> |

| <b>Please supply the following</b> (State size and colour if appropriate) |            |                    |             |               |                       |
|---|------------|--------------------|-------------|---------------|-----------------------|
| <i>Qty</i>  | <i>Ref</i> | <i>Description</i> | <i>Size</i> | <i>Colour</i> | <i>Members' Price</i> |
|   |            |                    |             |               |                       |
|   |            |                    |             |               |                       |
|   |            |                    |             |               |                       |
|   |            |                    |             |               |                       |
|   |            |                    |             |               |                       |
|   |            |                    |             |               |                       |
|   |            |                    |             |               |                       |
|   |            |                    |             |               |                       |
| Cost of Order   |            |                    |             |               | £                     |
| <b>DEDUCT 10% Members' Discount</b>                                       |            |                    |             |               | £                     |
| Add Post & Packing (See note below)                                       |            |                    |             |               | £                     |
| Cheque / PO enclosed with the Order <b>Total</b>                          |            |                    |             |               | £                     |

**Postage Banding:-** For an order of one item, please add the postage amount shown against the item.

For orders of multiple items, please add postage as follows:-

**Band A:-** Up to four items for £0.75 or up to ten items for £1.50.

**Bands B to K inclusive:-** Add all postages and deduct £0.25 per item in bands B to K.

(No deduction for one single item in bands B – K if ordered with a free postage item in Band A)

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.

**All orders deducting 10% will be checked against the national registrations database.**