



RAY~Link

Issue Forty Six
May 2003

The Regular Newsletter of The Radio Amateurs' Emergency Network

RAY~Link is published for the benefit of all Network members and the preferred method of distribution is by e-mail.
Members are asked to ensure that their e-mail address is correct in the RAY~Link section of www.raynet-uk.net
Controllers without e-mail facilities will continue to receive a copy by post.

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RAY~Link Distribution

Originally RAY~Link was distributed only to Controllers who were asked to copy it and distribute to their members. This was not very successful, and we received a lot of complaints from members who said that they never saw it. The next step was to make it available to any member who supplied a series of stamped self-addressed envelopes, and thereafter, following a successful sponsorship exercise where firms were given advertising space, or allowed to put inserts into the envelopes, RAY~Link was distributed to all members. Eventually we ran out of sponsors, but the Committee of Management, recognising the enormous value of the publication, agreed that all members should continue to receive a copy. Unfortunately printing costs continued to rise, it was realised that we could not continue to print and distribute a copy to each member. Members were asked to volunteer to receive an electronic version, and the original take up for this service was "fair". At that stage we continued to print and post to the remainder of the membership. The matter was discussed at Committee of Management meetings during 2002, and it was announced at the 2002 AGM that we would go electronic. The majority of our members have e-mail and we hope that those who can have now registered for electronic RAY~Link.

The January 2003 edition was issued as the first all-electronic version and was distributed by e-mail to all members who had provided an email address in the RAY~link section within the members' area of www.raynet-uk.net. This was done as a cost saving measure and it was originally agreed that only controllers who did not have anyone in their group with e-mail facilities would receive a printed and posted copy. Following an approach from a controller without e-mail facilities, the Committee of Management has agreed that all controllers without e-mail facilities will receive a printed copy by post, irrespective of whether or not they have members with e-mail facilities.

**Membership Fee 45p. per month.
PAI £1.37 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

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

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Recruiting Drive

Ron Cowan, GM4SRL

The Committee of Management decided this year to rest the Free Membership scheme which for the last two years has allowed up to three months free membership for those considering joining the Network, and signing up before April in each year. During February, however, there was not a lot of news for the 80m net and I decided to put in a paragraph about how to join RAYNET. This came at a time that there was increasing awareness of the need for an emergency radio service, and the response in the first week was good.

The RSGB carried an item on the RSGB news in the second week, and Jim Andrews, G1HUL, said that he could make things easier for those who decided to find out more after looking at the web site, and devise an easy "Fill in the Blanks" form. I continued the news item on the Sunday morning net (G4NRC on 3.663 MHz at 08:30 clock time) and an item was carried in Practical Wireless.

The resultant response was excellent, and at the time of writing this we have had over 80 enquiries, with only one deciding not to join at this time owing to other commitments, but saying that he may join later. Each enquirer has had a response within 24 hours, (usual within 6 hours) and Zonal co-ordinators have been passing on the contacts to counties or groups on a daily basis. The take up is being closely monitored, and I am hopeful that by the end of April we will have had over 100 enquiries, and signed up over 80%.

Foundation License

My main disappointment on the current recruiting drive has been the adverse reaction which has been reported to me by some of those who hold Foundation licenses. I have been told that RAYNET does not want M3 license holders, that they are not welcome in groups, and that a lot of chat on local repeaters is about the unsuitability of M3 calls for RAYNET duties.

The route of the problem lies in the fact that the Foundation license does not have the 3rd. Party Traffic restriction lifted when working for User Services, and M3 license holders cannot therefore pass third party messages when on RAYNET duty. The same problem arose in the early days of the Novice license, but the Network approached the Radiocommunications Agency who agreed to lift the restriction immediately, and vary the conditions of the license the next time a Gazette notice was published.

Cathy Clark, G1GQJ and I have already approached

the Radiocommunications Agency about the possibility of having the 3rd. party traffic restriction lifted from the Foundation license, but so far, an offer to do so has not been made. This could be because it is hoped that Foundation license holders will see the issuing of a Foundation license as the initial step into amateur radio, and will thereafter work towards their Intermediate and Full licenses. Whilst we have some sympathy with this reasoning, it is very frustrating to hear of incidents where potential members are being chased away with "you are not needed" tales.

The Network has another meeting with the RA in the near future and, although the agenda will include many other items, we will again raise the issue of M3 3rd. Party Traffic.

That being said, there are plenty of duties Foundation license holders can do in RAYNET, including working under supervision with another call, working with their own call on group admin etc., where 3rd. party messages are not needed, engineering duties, group administration duties, transport, liaising with User Services, logging, and, of course internal group training, and working towards their Intermediate license.

Whilst M3 license holders must be made aware of the licensing restriction, this should be done in a positive way, and they should be welcomed into groups and given every opportunity to train in the RAYNET duties which they can perform. Any change in the conditions will, of course, be announced on G4NRC as soon as we receive notice of them.

Annual General Meeting

This is the 50th. Anniversary of RAYNET, and this will be reflected in our Annual General Meeting, which will be held in Durham on Saturday 1st. November.

Whilst we usually get a good attendance at all of our AGMs, it is hoped that all of our members will make a special attempt to be part of the 50 year celebrations. Further details will appear in the next edition of RAY-Link, but meantime, please mark the weekend of 1st./2nd. November in your diary now and then keep it clear for an AGM and accompanying programme to remember!

Discussion Groups

A "Discussion Groups" section has been made available on www.raynet-uk.net and this is open to all current members of the Network. If you have not already done so, log on and have a look, and if you feel so inclined, contribute to some of the on-going discussions.

RAYNET Supplies.

RAYNET Supplies provides clothing and other useful items at competitive prices for all members of RAYNET, with discount prices available to current members of The Radio Amateurs' Emergency Network. Most of the trading is done by post, but "Supplies" also attends some radio rallies throughout the year.

High visibility waistcoats with double reflective bands are supplied with reflective RAYNET signs to the front and back, and now also have a small transparent pocket, with a Velcro fastening, on the right breast this being designed to take your RAYNET ID card.

Traffic jackets are supplied with transparent sleeves front and back. These allow for standard RAYNET sized reflective badges to be inserted when on RAYNET duties, but these can be removed, or replaced with other badges when the jacket is being used for other purposes. All traffic jackets now have the transparent ID pocket with Velcro fastening as standard.

"RAYNET Supplies" has concentrated on providing high quality garments which are attractive and comfortable to wear, even during long periods of duty.

Most garments can be supplied with the text "RAYNET" or with the round RAYNET logo. The latter option is only available to current members of The Radio Amateurs' Emergency Network. Whilst a lot of items are available from stock, and will be delivered within a week, it is impossible to keep all sizes in all styles, and three weeks should therefore be allowed in case we have to order your choice from our suppliers. A new item this year is a grey fleece, with text "RAYNET" or our round logo, and the price is currently only £25.50 plus postage.

A "Supplies" price list and an order form are attached to this RAY~Link. Alternatively these can be found on www.raynet-uk.net

Personal Accident Insurance

Members may opt to take out an optional Personal Accident Insurance which will cover them whilst on official RAYNET duties. The cover runs from 1st. May in one year until 30th. April the following year, and costs £1.37 including Insurance Tax for each year or part year. Remittance is usually made through groups, using form REG-05, and to take advantage of the full 2003/4 period, applications should reach Hunters Moon by Thursday 24 April.

80m Net on Sunday Mornings

The Radio Amateurs' Emergency Network meets on air at 08:30 hrs clock time on frequency 3.663 MHz. plus or minus QRM

MSA Radio

In 1976 the then RACMSA took out a license for a Safety & Medical frequency for car rallies on 86.4375 MHz. AM. As from 1st. June 2003 this frequency is being discontinued, and a new license for 81 Mhz. is being introduced. There are currently 1200 sets on 86 MHz AM, and the transition is now under way.

Current members of The Radio Amateurs' Emergency Network may take out an "Auto RAYNET" callsign. The procedure is relatively simple, although a bit longwinded!

Briefly, you must apply for CTCSS tones and a set identity number and then obtain a certificate of conformity stating the radio you have purchased is type approved and has been fitted with the correct CTCSS tones and identity number. Thereafter, on payment of the license fee, (which is not known at present, but is likely to be £5.00 per year,) you will be issued with an Auto RAYNET callsign. The license is held by the Motor Sports Association, and the set may only be used on MSA recognised events.

If you are interested in obtaining an Auto RAYNET license, contact Ron Cowan, gm4srl@raynet-uk.net or on telephone 0141-620 1000.

5 Mhz. Working Group

The Committee of Management has nominated Greg Mossop, G0DUB, to represent the Network on the RSGB 5 MHz. Working Group. Greg is a very knowledgeable and active RAYNET member and is an excellent choice.

USE OF FOUNDATION LICENSEES

Dave Walker, G3ULL Controller, SE Hants RAYNET Group

Following the latest information from the RA advising that there seems little chance at present of Foundation Licence holders being granted Third Party Traffic (TPT) rights, the following may be of interest.

At present we have a total of four M3's as members of Southeast Hampshire Group. They are, of course, not able to pass TPT and, whilst we would like to see this changed, it does not totally exclude them from our operations and they are valuable members of the Group.

Routine Events: * Provided they do not mention any third party in their messages we see it as straightforward communication between the operator and Control. * They are able to pass details of runner numbers etc. to Control, as this does not constitute TPT. * If a serious medical situation arises they simply report to Control what has happened without using phrases such as "Can you pass to ambulance" and leave it to Control to deal with the situation. * If a marshal at a water point, for example, asks them if they know when the water will arrive, provided they phrase the question correctly they can still make a general enquiry to Control e.g. "Can you tell me when the water will arrive". * They certainly cannot be used to provide radio cover in an ambulance, first aid tent, Police liaison etc., as any radio traffic to or from that location would obviously be TPT.

In addition to the above, our Foundation Licence holders occasionally operate at the Control station under the direct supervision and call-sign of a non-foundation licensee. Under these conditions they gain valuable training and can deal with any TPT without problems. In fact, one of our very new M3 members is proving to have a natural flair as a Control Operator and is already better at that task than some of the longer-serving members.

Similarly we also deploy M3's with non-foundation operators to assist at talkthrough sites, in our case often using the Group's Forward Control vehicle. This enables them to practice the setting up of the vehicle's mast and equipment as part of the Group's general training scheme.

Incident Callout: There are more problems here, as most of the radio traffic is likely to be Third Party. However, our User Services may ask for assistance with other communications tasks, such as telephone message taking, or activity involving the use of their radios for example. This is an area where Foundation Licence holders can be used without problems. They

can also assist with Group administrative tasks (keeping records of operator deployments, members' availability and welfare matters etc.) in support of the operation.

In addition to the operational aspects mentioned above, we have one M3 who, having done most of the conversion work originally, now looks after the Landrover, dealing with both equipment and vehicle repairs and maintenance. He also wrote the Group's Handbook for the vehicle, which gives detailed setting up and operating instructions.

Another M3 has been actively involved in assisting with the Group's bid for lottery funding and a third, who works in IT, assists with IT support for the Group's equipment at Fort Widley.

There is certainly no justification for turning away potential RAYNET members simply because they hold a Foundation licence. We would, however, like to see the restriction on TPT removed, or possibly linked to a minimum age, as soon as possible in order to improve operational efficiency, especially when responding to User Service incidents.

Exercise Buckshot 2nd March 2003

Scenario

Organised by the Bucks County Emergency Planning Officer, Dai Brogden, Exercise Buckshot was a call-out and deployment exercise for a limited number of RAYNET members in response to a supposed failure of the public switched telephone network. The scenario was that ongoing wide-area and random failures (cause unspecified) were making the network extremely unreliable. The mobile networks had also degraded and anyway were jammed solid. The emergency services had deployed radio-equipped vehicles to fixed locations to act as emergency call points for the public, and RAYNET was asked to assist.

Deployment

RAYNET operated from the emergency control centres at County Hall, Aylesbury and at Beaconsfield, with Aylesbury acting as overall control, and Beaconsfield as a sub-control/relay.

RAYNET operators were deployed to each of the emergency services:-

- Two Shires Ambulance HQ at Deanshanger, on the Bucks/Northants border
- Bucks Fire & Rescue HQ at Aylesbury
- Thames Valley Police Area Command at Aylesbury Police Station

Additional operators positioned themselves at 10 static points to act a "human call boxes". These were

in three groups (one north, one mid and one south, permitting all three groups in the county to fully participate). The Directing Staff visited each of these points twice during the exercise to inject traffic. They posed as members of the public seeking assistance in a number of different emergency situations. These messages had all been partly scripted but some free play was permitted according to how the responses went.

The callout began at 1000hrs, and within an hour, two User Service points and seven outstations were operational. The first message was received at 1130hrs, the same time at which all remaining outstations and the final User Service point became operational, and messages continued to be received until 1410hrs when ENDEX was called.

Lessons learned

Initial comments were that it went well. Groups are currently assembling comments from their participant members for a de-brief in the near future. Message analysis revealed the time taken, from the initial receipt of a message to its delivery at the designated User Service, was between five and seven minutes. Interfacing with the User Services proved interesting and several comments have already prompted further action.

- Fire and Rescue needed to be given a ROAD NAME in order to locate an incident. A call to a cabin cruiser fire at Marlow Weir on the River Thames prompted the response "Which weir?" (there is only one) until we realised they really wanted a road name to go to! Local knowledge proved invaluable.

-Thames Valley Police's call centre in Aylesbury is due to re-locate to Milton Keynes in the future, and this exercise has prompted a request from them for further information, with the possibility of RAYNET aerals being located on the new building.

- Communications to and from Ambulance HQ at Deanshanger had to be relayed by an outstation at Newton Longville; this communication path worked on Exercise Golden Fleece (the Millenium preparation exercise) and has raised an issue as to whether a permanent RAYNET aerial needs to be installed on their mast.

The feedback from the User Services was that though the information given was not as detailed as they would have taken at their respective Control Rooms, it was adequate to take any action required.

From a county RAYNET point of view, this exercise has highlighted a training need - we were out of practice in the skills of formal message handling. Prior to the exercise, we again reviewed the message form used during Exercise Golden Fleece, and developed what we thought was a more suitable one, but I suspect that the de-brief will show further modification is necessary.

Hertfordshire Scouts-

Peak Assault Ted Oram, G1NUO

Around 1830 hours on Friday February 28th, a number of coaches left Hertfordshire carrying competing scout, explorers and network teams, their support crews and marshals, bound for a mystery destination, which this year was Shap on the eastern fringe of the Lake District. They arrived at their base camp around midnight ready for an early morning call around 0530. Earlier in the week, an advanced Raynet party of G4PMG and G0SGV had arrived in the area to checkout the proposed control site in Bampton village and the talk-through locations, and to verify the propagation paths. During Friday the remainder of the operators arrived, antennae were assembled, radios checked, the pub visited and all was ready.

Saturday dawned bright and pleasant and the alarm awoke us at 0515. As breakfast was being prepared, the control station was being switched on and final instructions were being issued. 0710 saw the first of two talk-through stations on the air ready for the first team who left base camp around 0745. The second station was on the air around 0900 when the teams were moving to the western side of the course. Raynet operators shadowed the Competition Organiser, the Doctor, the two Field Response Teams and two teams of roving marshals who kept a check on proceedings in the field and ensure fair play. Other operators were based at the overnight camps and the results centre. Our role was to provide a level of safety cover above that provided by the Scouts PMR net. The teams were given a number of checkpoints to visit, each of which gained them points. The more difficult the access to the checkpoint, the more points gained. The teams had seven hours to decide their strategy, visit checkpoints and arrive at the overnight camp. Late arrival meant loss of points.

The use of two talk-through stations, one east of the course and one on the west side provided seamless cover, allowing everybody to hear all the traffic. Propagation was good and there were no major technical problems with all operators back in Bampton by 1900.

Sunday morning started at the same time but the time allowed for the teams to return from overnight to base camp was around three hours and there were only 6 checkpoints as opposed to around 24 on Saturday. The event was completed by around 1030 and whilst some operators decided to go home, others took the opportunity to stay until Monday morning and enjoy the beautiful countryside. Another successful weekend and we look forward to next year's event, which will be in the autumn.

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

Ref No	Description	Members	P&P
101	Yellow High Visibility Jacket with clear badge pockets but no badges - S	£47.70	£5.25
102	Yellow High Visibility Jacket with clear badge pockets but no badges- M	£47.70	£5.25
103	Yellow High Visibility Jacket with clear badge pockets but no badges - L	£47.70	£5.25
104	Yellow High Visibility Jacket with clear badge pockets but no badges - XL	£47.70	£5.25
105	Yellow High Visibility Jacket with clear badge pockets but no badges - 2XL	£47.70	£5.50
106	Yellow High Visibility Jacket with clear badge pockets but no badges- 3XL	£54.90	£5.50
107	Yellow High Visibility Jacket with clear badge pockets but no badges - 4XL	£54.90	£5.50
121	Yellow High Visibility Deluxe Jacket with clear badge pockets - S	POA	£5.50
122	Yellow High Visibility Deluxe Jacket with clear badge pockets - M	POA	£5.50
123	Yellow High Visibility Deluxe Jacket with clear badge pockets - L	POA	£5.50
124	Yellow High Visibility Deluxe Jacket with clear badge pockets - XL	POA	£5.50
125	Yellow High Visibility Deluxe Jacket with clear badge pockets - 2XL	POA	£5.75
126	Yellow High Visibility Deluxe Jacket with clear badge pockets - 3XL	POA	£5.75
127	Yellow High Visibility Deluxe Jacket with clear badge pockets - 4XL	POA	£5.75
201	Yellow High Visibility Waistcoat c/w RAYNET badges - S	£15.75	£1.25
202	Yellow High Visibility Waistcoat c/w RAYNET badges - M	£15.75	£1.25
203	Yellow High Visibility Waistcoat c/w RAYNET badges - L	£15.75	£1.25
204	Yellow High Visibility Waistcoat c/w RAYNET badges - XL	£15.75	£1.25
205	Yellow High Visibility Waistcoat c/w RAYNET badges - 2XL	£15.75	£1.50
206	Yellow High Visibility Waistcoat c/w RAYNET badges - 3XL	£15.75	£1.50
207	Yellow High Visibility Waistcoat c/w RAYNET badges - 4XL	£15.75	£1.50
221	Yellow High Visibility Long Sleeved Waistcoat c/w RAYNET badges - S	£17.55	£1.80
222	Yellow High Visibility Long Sleeved Waistcoat c/w RAYNET badges - M	£17.55	£1.80
223	Yellow High Visibility Long Sleeved Waistcoat c/w RAYNET badges - L	£17.55	£1.80
224	Yellow High Visibility Long Sleeved Waistcoat c/w RAYNET badges - XL	£17.55	£1.80
225	Yellow High Visibility Long Sleeved Waistcoat c/w RAYNET badges - 2XL	£17.55	£1.80
226	Yellow High Visibility Long Sleeved Waistcoat c/w RAYNET badges - 3XL	£17.55	£1.80
227	Yellow High Visibility Long Sleeved Waistcoat c/w RAYNET badges - 4XL	£17.55	£1.80
301	Reflective "RAYNET" badge - S	£1.71	£0.50
302	Reflective "RAYNET" badge - L	£2.84	£0.75
303	Reflective "RAYNET Controller" badge - S	£2.70	£0.50
304	Reflective "RAYNET Controller" badge - L	£4.82	£0.75
305	Reflective "RAYNET" badge - Medium (EN for Waistcoats)	£2.84	£0.75
311	Epaulettes - Pair	£3.51	£0.75
312	Epaulettes - Controller - Pair	£4.95	£0.75
481	Tie, navy, with round Network logo in white	£6.00	£0.75
482	Headscarf, navy, with round Network logo in white	£6.00	£0.50
483	Baseball Cap, black, with round Network logo embroidered in gold	£4.00	£1.25
283	Baseball Cap, black, with text "RAYNET" embroidered in gold	£4.00	£1.25

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Ref No	Description	Members	P&P
601	ID Badge Holder with Clip	£1.53	£0.50
711	Keyring with leather fob with round Network logo	£2.80	£0.50
715	Lapel Badge, stud fixing, with round Network logo	£1.00	£0.50
717	Embroidered round Network logo sew on badge	£2.25	£0.50
721	Fold-over yellow clipboard with round Network logo printed in black	£5.00	£1.80

611	18 amp RAYNET standard connectors - Pack of 10 pairs	£7.02	£0.75
726	Window Sticker - (100mm round Network logo, black on yellow)	£0.80	£0.50
731	Logo Sticker, large - (280mm black on yellow, strong adhesive)	£4.00	£0.75
622	Window Sticker, small, - (Text, blk on ylw, "RAYNET" 200mm x 60mm)	£0.40	£0.50
623	Window Sticker, large, - (Text, blk on ylw, RAYNET 500mm x 125mm)	£0.80	£0.50
626	Car Window Panel with suckers - (Text, silver on blue, "RAYNET")	£7.00	£0.75
627	Magnetic Sign - (Text white on Blue, 310mm x 100mm)	£5.40	£1.35
628	Sign for mounting on Roof Rack, double sided, white on blue/red	£20.25	£2.75
641	Emergency Cone Light with gravity switch, amber LEDs	£20.25	£2.00

736	Flag 3'x2' dye printed, black Network logo on yllw polyester roped & toggled	£42.00	£1.50
401	Acrylic V neck Nato Jumper embroidered round Network logo - S	£13.95	£2.00
402	Acrylic V Neck Nato Jumper embroidered round Network logo - M	£13.95	£2.00
403	Acrylic V Neck Nato Jumper embroidered round Network logo - L	£13.95	£2.00
404	Acrylic V Neck Nato Jumper embroidered round Network logo - XL	£13.95	£2.25
405	Acrylic V Neck Nato Jumper embroidered round Network logo - 2XL	£13.95	£2.25
406	Acrylic V Neck Nato Jumper embroidered round Network logo - 3XL	£13.95	£2.25

501	Acrylic V Neck Nato Jumper embroidered text "RAYNET" - S	£13.50	£2.00
502	Acrylic V Neck Nato Jumper embroidered text "RAYNET" - M	£13.50	£2.00
503	Acrylic V Neck Nato Jumper embroidered text "RAYNET" - L	£13.50	£2.00
504	Acrylic V Neck Nato Jumper embroidered text "RAYNET" - XL	£13.50	£2.25
505	Acrylic V Neck Nato Jumper embroidered text "RAYNET" - 2XL	£13.50	£2.25
506	Acrylic V Neck Nato Jumper embroidered text "RAYNET" - 3XL	£13.50	£2.25

411	Acrylic Round Neck Jumper embroidered round Network logo - S	£13.95	£2.00
412*	Acrylic Round Neck Jumper embroidered round Network logo - M	£13.95	£2.00
413*	Acrylic Round Neck Jumper embroidered round Network logo - L	£13.95	£2.00
414*	Acrylic Round Neck Jumper embroidered round Network logo - XL	£13.95	£2.25
415*	Acrylic Round Neck Jumper embroidered round Network logo- 2XL	£13.95	£2.25
416*	Acrylic Round Neck Jumper embroidered round Network logo- 3XL	£13.95	£2.25
511	Acrylic Round Neck Nato Jumper embroidered text "RAYNET" - S	£13.50	£2.00
512	Acrylic Round Neck Nato Jumper embroidered text "RAYNET" - M	£13.50	£2.00
513	Acrylic Round Neck Nato Jumper embroidered text "RAYNET" - L	£13.50	£2.00
514	Acrylic Round Neck Nato Jumper embroidered text "RAYNET" - XL	£13.50	£2.25
515	Acrylic Round Neck Nato Jumper embroidered text "RAYNET" - 2XL	£13.50	£2.25
516	Acrylic Round Neck Nato Jumper embroidered text "RAYNET" - 3XL	£13.50	£2.25

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Ref No	Description	Members	P&P
421	Sweatshirt, navy, with embroidered round Network logo in gold - S	£14.50	£1.80
422	Sweatshirt, navy, with embroidered round Network logo in gold - M	£14.50	£1.80
423	Sweatshirt, navy, with embroidered round Network logo in gold - L	£14.50	£1.80
424	Sweatshirt, navy, with embroidered round Network logo in gold - XL	£14.50	£1.80
425*	Sweatshirt, navy, with embroidered round Network logo in gold - 2XL	£14.50	£1.80
426*	Sweatshirt, navy, with embroidered round Network logo in gold - 3XL	£14.50	£1.80

521	Sweatshirt, navy, with embroidered text "RAYNET" in gold - S	£13.95	£1.80
522	Sweatshirt, navy, with embroidered text "RAYNET" in gold - M	£13.95	£1.80
523	Sweatshirt, navy, with embroidered text "RAYNET" in gold - L	£13.95	£1.80
524	Sweatshirt, navy, with embroidered text "RAYNET" in gold - XL	£13.95	£1.80
525	Sweatshirt, navy, with embroidered text "RAYNET" in gold - 2XL	£13.95	£1.80
526	Sweatshirt, navy, with embroidered text "RAYNET" in gold - 3XL	£13.95	£1.80

431	Polo shirt, navy, with embroidered round Network logo in gold- S	£13.50	£1.80
432	Polo shirt, navy, with embroidered round Network logo in gold - M	£13.50	£1.80
433	Polo shirt, navy, with embroidered round Network logo in gold - L	£13.50	£1.80
434	Polo shirt, navy, with embroidered round Network logo in gold - XL	£13.50	£1.80
435	Polo shirt, navy, with embroidered round Network logo in gold - 2XL	£13.50	£1.80
436	Polo shirt, navy, with embroidered round Network logo in gold - 3XL	£14.40	£1.80

531	Polo shirt, navy, with embroidered text "RAYNET" in gold- S	£13.05	£1.80
532	Polo shirt, navy, with embroidered text "RAYNET" in gold - M	£13.05	£1.80
533	Polo shirt, navy, with embroidered text "RAYNET" in gold - L	£13.05	£1.80
534	Polo shirt, navy, with embroidered text "RAYNET" in gold - XL	£13.05	£1.80
535	Polo shirt, navy, with embroidered text "RAYNET" in gold - 2XL	£13.05	£1.80
536	Polo shirt, navy, with embroidered text "RAYNET" in gold - 3XL	£13.95	£1.80

771	Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 15"	£10.05	£1.80
772	Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 15.5"	£10.05	£1.80
773	Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 16"	£10.05	£1.80
774	Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 16.5"	£10.05	£1.80
775	Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 17"	£10.05	£1.80
776	Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 17.5"	£10.05	£1.80
777	Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 18"	£10.05	£1.80
778	Pilot Shirt, blue or white, with embroidered round Network logo - Short Sleeves - 18.5"	£10.05	£1.80

781	Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 15"	£10.50	£1.80
782	Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 15.5"	£10.50	£1.80
783	Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 16"	£10.50	£1.80
784	Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves s - 16.5"	£10.50	£1.80
785	Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 17"	£10.50	£1.80
786	Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 17.5"	£10.50	£1.80
787	Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 18"	£10.50	£1.80
788	Pilot Shirt, blue or white, with embroidered round Network logo - Long Sleeves - 18.5"	£10.50	£1.80

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

Ref No	Description	Members	P&P
571	Pilot shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 15"	£9.90	£1.80
572	Pilot shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 15.5"	£9.90	£1.80
573	Pilot shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 16"	£9.90	£1.80
574	Pilot shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 16.5"	£9.90	£1.80
575	Pilot Shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 17"	£9.90	£1.80
576	Pilot Shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 17.5"	£9.90	£1.80
577	Pilot Shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 18"	£9.90	£1.80
578	Pilot Shirt, blue or white, with embroidered text "RAYNET" - Short Sleeves - 18.5"	£9.90	£1.80

581	Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 15"	£10.35	£1.80
582	Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 15.5"	£10.35	£1.80
583	Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 16"	£10.35	£1.80
584	Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 16.5"	£10.35	£1.80
585	Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 17"	£10.35	£1.80
586	Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 17.5"	£10.35	£1.80
587	Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 18"	£10.35	£1.80
588	Pilot Shirt, blue or white, with embroidered text "RAYNET" - Long Sleeves - 18.5"	£10.35	£1.80

451	Calgary fleece, grey, with embroidered round Network logo in gold - S	£41.85	£3.00
452	Calgary fleece, grey, with embroidered round Network logo in gold - M	£41.85	£3.00
453	Calgary fleece, grey, with embroidered round Network logo in gold - L	£41.85	£3.00
454	Calgary fleece, grey, with embroidered round Network logo in gold - XL	£41.85	£3.00
455	Calgary fleece, grey, with embroidered round Network logo in gold - 2XL	£41.85	£3.00

551	Calgary fleece, grey, with embroidered text "RAYNET" in gold - S	£41.85	£3.00
552	Calgary fleece, grey, with embroidered text "RAYNET" in gold - M	£41.85	£3.00
553	Calgary fleece, grey, with embroidered text "RAYNET" in gold - L	£41.85	£3.00
554	Calgary fleece, grey, with embroidered text "RAYNET" in gold - XL	£41.85	£3.00
555	Calgary fleece, grey, with embroidered text "RAYNET" in gold - 2XL	£41.85	£3.00

461	Seville fleece, grey, with embroidered round Network logo in gold - S	£25.00	£4.00
462	Seville fleece, grey, with embroidered round Network logo in gold - M	£25.00	£4.00
463	Seville fleece, grey, with embroidered round Network logo in gold - L	£25.00	£4.00
464	Seville fleece, grey, with embroidered round Network logo in gold - XL	£25.00	£4.00
465	Seville fleece, grey, with embroidered round Network logo in gold - 2XL	£25.00	£4.00

561	Seville fleece, grey, with embroidered text "RAYNET" in gold - S	£25.00	£4.00
562	Seville fleece, grey, with embroidered text "RAYNET" in gold - M	£25.00	£4.00
563	Seville fleece, grey, with embroidered text "RAYNET" in gold - L	£25.00	£4.00
564	Seville fleece, grey, with embroidered text "RAYNET" in gold - XL	£25.00	£4.00
565	Seville fleece, grey, with embroidered text "RAYNET" in gold - 2XL	£25.00	£4.00

701	CD RAYNET Operations Manual	£5.00	£0.75
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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!)

Name	Callsign
Address	Postcode
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	Telephone
Email address	Group code (Printed on the back of your membership card.)
	/ /

Please supply the following (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					£
Add Post & Packing					£
Cheque / PO enclosed with the Order Total					£

We may be able to reduce Post & Packing charges on multiple orders. If you think that your order might qualify, please e-mail supplies@raynet-uk.net with a note of the goods you require.

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 using "Members' Prices" will be checked against the national registrations database.