

MARCH 1979

**Marconi
Radar**

ECHO

The internal newspaper of Marconi Radar Systems and its people

On other pages

Sir Robert's investiture	2
Red Arrows evening	3
NATO at Writtle Road	4
Youth Forum	5
Spotlight on Training	6-7
The Road to Peking	9
Gateshead News	10



SPOTLIGHT ON TRAINING

— see centre pages

The next generation

WE make a feature of training in this edition of ECHO.

Marconi Radar is investing a vast amount of resources in the education and training of young people to provide the next generation of craftsmen, technicians, technologists, accountants, computer programmers, etc., and indeed managers.

There is a severe national shortage of qualified and trained people in almost every aspect of manufacturing industry and it is only by a sustained programme of further and higher education on the part of the colleges and universities, coupled with effective training within industry, that this situation will be improved.

Opportunities have never been better for youngsters to take up an industrial career in Electronics and the prospects for challenging and interesting work in the future are excellent. We are at a time of rapid technological change which needs all the knowledge and skill that the industry can muster, to tackle the demands of the new era which inevitably will come.

I realise that it is hard for youngsters

to give up leisure time for night school, or to start an apprenticeship when there may seem to be less challenging jobs with higher rewards. But remember that they will be starting a career with prospects which depend only on ability, energy and willingness to take responsibility.

The training of young people is a collective task — they must themselves want to get on, they need encouragement and help from their families, and the Company must make them welcome, must match courses to individual ability and aspiration, and create the environment in which they will succeed. But given this combination the sky's the limit.

Marconi has always prided itself on the policy of 'growing its own' talent, and long may this continue.



JOHN SUTHERLAND
Managing Director



Group Quality Director honoured

William P. Cole, BSc, M.Inst.P., FIQA, Director of Quality Engineering for GEC-Marconi Electronics, was made an OBE in the 1979 New Year Honours List. He is Chairman of the Technical Advisory Committee of the Electronic Engineering Association and is a member of the Council of the Institute of Quality Assurance.

Sir Robert receives his knighthood at Palace

Sir Robert and Lady Telford are pictured outside Buckingham Palace with their son Robert and daughter Penelope (Mrs. Smith) on the occasion of Sir Robert's investiture.

Sir Robert was knighted in the last Queen's Birthday Honours list for his services to export. He has served the Marconi Company for over 40 years, having joined as a trainee in 1937. As well as being Managing Director of GEC-Marconi Electronics he is a director of GEC and, among other companies, of the Canadian Marconi Company and Svenska Radio (now SRA Communications AB).



Egyptians at Leicester

Pictured at Bosworth House, Leicester, are some of the Egyptian naval officers who will be responsible for maintaining the weapon systems on board their fast patrol boats. With them (standing, left to right) are their instructors from Field Services, Bob Spowart (Chief Instructor), Peter Jeffrey (Senior Instructor) and Reg Dean (Controller of Naval Projects). The Egyptians have spent about ten months in this country on their training course at Leicester, Chelmsford and other sub-contractors' sites.

FRONT PAGE PICTURE....

shows (left) Mr. John Webb, M.A., Educational Projects Officer, Institution of Mechanical Engineers, during a visit to Writtle Road. Seated are Glyn Williams, a final year technician apprentice, and Brian London (right), Head of Technical Studies Department at Mayflower School, Billericay, who is with the Company on a three-month teacher fellowship.



Marconi Medal awarded

THE first Marconi Medal, a new award to be presented annually by the Radio Society of Great Britain for good work in the microwave field, has gone to Dr. Dain Evans, who works in GEC's Hirst Research Centre and was the 1978 President of the RSGB. Our picture shows Dr. Evans (right) being presented with the award by George Millington on the occasion of the Society's AGM.

Dr. Evans has constantly encouraged microwave activity all over the UK, and

last year he visited many countries to further amateurs' interests. Of particular note were his visits to Germany, Hungary and the USA.

George Millington, who until his retirement in 1970 was a senior scientist in the Marconi Research Laboratories at Great Baddow, is a world authority on the propagation of radio waves. In 1974 he received one of the most highly prized scientific awards in the country — the Faraday Medal of the Institution of Electrical Engineers.

Red Arrows Chief at Chelmsford

ABOUT 270 people flocked into the Marconi Athletic and Social Club at Chelmsford recently to see a three-hour film and slide show presented by Wing Commander E. E. Jones, the Officer Commanding the famous Red Arrows squadron.

The Wing Commander, who was introduced to the audience by Air Marshal Sir Ivor Broom, consultant to Marconi Radar, told the story of aerobatics from the beginning to the present day, and explained how they are now a valuable part of training.

A sum of £80, collected from the price of admission, was presented to Wing Commander Jones as a contribution to the Cotswold Cheshire Home.

The Wing Commander is pictured here at the MASC with (left to right) Sir Ivor Broom, R. Sims (Club Chairman) and John Wilson (Assistant Manager).



Engineering '79

TOGETHER with many other companies in East Anglia, Marconi Radar was represented at the recent careers exhibition "Engineering '79". This was the exhibition's fourth successive year.

Over a period of four days, the exhibition was put on in turn at three centres — Ipswich, Colchester and Chelmsford. Designed by Publicity for the Training Department, the Company's stand included a model of Martello and a model of HMS Invincible which was kindly loaned by the Royal Navy.

The exhibition was a great success and at all three centres hundreds of school children arrived "by the busload."

In our picture, Frances Holloway, Training Officer, explains a point to some of the youngsters who visited the exhibition at the Chelmer Institute of Higher Education.



NATO delegation at Writtle Road

A 'high level' NATO delegation recently visited the Company at Writtle Road.

Members of the Air Defence Hardware Committee representing all fifteen NATO countries saw the latest electronic warfare simulation equipment developed at the Chelmsford factory.

Systems engineer David Hampton (right) is shown here explaining various radar jamming effects to some of the delegation.



Happy event for Valerie

Mrs. Valerie Osborne, a supervisor in Data Preparation at Writtle Road, has left us in anticipation of a happy event. Valerie is seen here (centre right) after a presentation of farewell gifts by David Keable (centre left) on behalf of her friends and colleagues.



Gateshead reunion

THE 16th Annual Dinner of the Gateshead Foreman's and Supervisor's Association was held in the Prince of Wales Suite of the County Hotel, Newcastle. Pictured here during the proceedings are (left to right) Messrs. O. McClurry, R. W. Simons, W. I. M. Henderson and D. Davies.

The dinner is the highlight of the functions held by the Association, of which Mr. Henderson is President. Messrs. R. W. Simons, J. Aikman and R. Sherwin are

Vice-Presidents.

Unfortunately Mr. J. W. Sutherland was unable to be present this year due to business commitments and his usual reply to the Chairman's opening speech was missed; however, Mr. Simons passed a message to the meeting from him.

Guests from Writtle Road and Blackbird Road were also welcomed and the evening, as usual, was enjoyed by all.

R. J. KENNEDY
Hon Secretary.

Endeavour Norway '79

A GROUP of young men from Marconi and EEV in Chelmsford are taking part in an expedition to Norway this summer. The expedition is supported by the John Hunt Exploration Group of Endeavour Training. Over the next few months the group will be organising a publicity campaign, discotheques and a sponsored abseil to help raise the £2,500 necessary to ensure the success of the expedition.

Early in July the party will leave Harwich for the Hook of Holland and then drive by minibus via Amsterdam and Hanover to Berlin. A day in Berlin is followed by a drive to Hamburg and ferry to Denmark and on to Copenhagen, then a short sea crossing to Sweden and up the coast to Norway and Oslo.

A hundred miles west of Oslo the minibus is parked and the group shoulder all their gear and trek off into the high mountain plateau of Hardanger Vidda. After six days and 70 miles they will have traversed the plateau and climbed the 5,500ft. Mount Harteigen.

Dropping down from the mountains, the trail leads to Kinsarvik and the Hardanger



Fjord, where the party will board a 75ft. sailing ketch and return across the North Sea with the Ocean Youth Club. They should arrive home three weeks after departure.

Our picture shows Gavin Langridge (left) and Christopher Searle, both technician apprentices from Writtle Road, getting prepared for the trip.



BRYNE CLARKE RETIRES

BRYNE Clarke has retired from the D.O. at Great Baddow after completing 32 years' service with the Marconi Company.

He is shown (right) receiving a clock from Vic Martin, Manager, Mechanical Engineer-

ing, MRSL, on behalf of his friends and colleagues.

Bryne joined the Marconi Company in 1946 following service in the R.A.F. He spent most of his years in the Design Office where he was involved in large communication transmitters and more lately in radar equipments. His many friends in the Company wish Bryne and his family every happiness in his retirement.



Ernie's Farewell

ERNIE Oliver, sheet metal instructor at Writtle Road, has retired after 32 years'

service with the Company. On behalf of his friends and colleagues, Arthur Smith, chief training officer, presented Ernie (left) with a lamp, cheque, autograph book and a flypress model made by apprentices.

LEICESTER'S YOUTH FORUM

ONE of the recent success stories from Leicester concerns the Marconi Youth Forum, which already has over 60 members and looks like topping the hundred mark before the end of the year.

Open to any youth or girl at our Leicester establishments between the ages of 16 and 25, whether apprentice or not, the activities of the Forum range from the educational and informative to the purely enjoyable.

Typical of the organised visits which have taken place over the last few months are those to Bortsmouth for Navy Day, to the Leicester City Football Club, to the Pedigree Petfoods firm at Melton Mowbray, and to RAF North Luffenham.

Exciting

In the pipeline are proposed visits to a local brewery, to the offices of the Leicester Mercury, to a motor-cycle road race between Great Britain and the USA, and — most exciting of all, perhaps — a weekend at the Peterborough Parachuting Centre. Later this year the Forum is planning a float for the Lord Mayor of Leicester's Parade which will depict the history of Marconi.

The Forum is entirely self-financing at present. The subscription payable is 10 pence per week and each member receives a membership card. Finances have been greatly helped by the success of several discos — the recent St. Valentine's Disco at New Parks attracted over 200 people.

The organisation of the Forum has undoubtedly been helped by the attendance of some committee members at a two or three-day course run by the Industrial Society, entitled "Running An Apprentice Association." Four members attended the course last year at Carnforth, Lancashire, and another four have attended this year at Manchester.

Committee

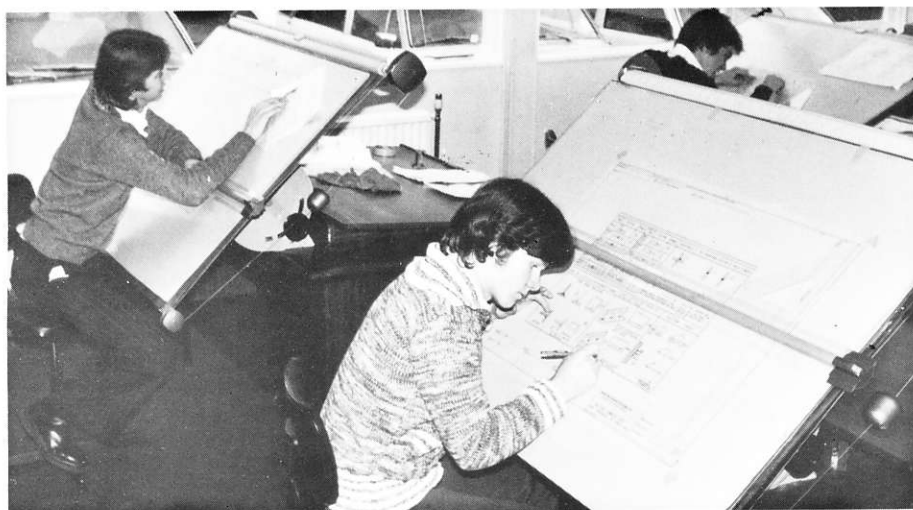
There are seven members on the committee at present, but they are looking for a further two first-year apprentices and two commercial apprentices to "sit on the Board." They could also do with someone to act as Publicity Officer.

The committee consists of Mark Bonshor (Chairman), Ian Gutteridge (Vice-Chairman), Peter Fowell (Secretary), Anne Preston (Treasurer), Mark Dowsett (2nd year rep.), Terry Wooten (3rd year rep.), and Stephanie Osborne. Prospective new members should contact Stephanie at the Apprentice Training Centre, Blackbird Road.

SPOTLIGHT



Discussing a point on graduate training at Writtle Road are (left to right) Robert Parmenter (graduate trainee), Arthur Smith (Chief Training Officer), Brian Burgess (Principal Tutor), Frank Dixey (Graduate Training Officer) and Richard Harris (graduate trainee).



A number of young trainees are working at our Watford Drawing Office under a new scheme for school-leavers.

ANALYSIS OF APPRENTICES AND TRAINEES AS AT FEBRUARY 1, 1979

(including 1979 intake targets)

1979 Intake					Actual Numbers			
Chel	Leic	G'Head	Total		Chel	Leic	G'head	Total
35	28	10	73	Craft	102	63	34	199
60	26	5	91	Technicians	112	70	9	191
1	10	—	11	Commercial	1	21	—	22
40	30	—	70	Student	85	73	—	158
24	45	—	69	Graduate	41	37	—	78
12	6	—	18	Secretarial	16	3	—	19
5	5	—	10	College based	3	2	—	5
10	10	—	20	W.E.B.	11	5	—	16
—	12	—	12	T.O.P.S.	—	12	—	12
6	6	—	12	D/O Trainee	15	6	—	21
10	10	—	20	Operator Trainees	10	10	—	20
203	118	15	406		396	302	43	741

Note: An additional 100 Direct Entry Graduates are to be recruited in 1979.

THE position of Marconi Radar as one of the world's leading electronics companies depends very much on the young men and women who join us, for to a large extent they represent the Company's future.

In recent years we have considerably increased our investment in training and developing the careers of employees at all levels — exemplified by the fact that we now spend over £2 million a year on this aspect of the business.

The traditional apprenticeship schemes within the Training Departments at Chelmsford, Leicester and Gateshead continue to be improved and expanded, for these provide the main source of our future manpower. The purchase of more modern plant and equipment ensures that the technology taught in these departments keeps pace with requirements for the design and manufacture of our products.

But in addition to these traditional schemes which most of us know something about, we have also ventured into new areas of training and career development which are perhaps less well known. School link schemes, for instance, have become an important aspect of training, since it is between the ages of 13 and 16 that young people make their first decisions regarding their future careers.

The engineering industry still has something of a "cloth cap" image in many schools — often due to the influence of the mass media and lack of knowledge on the part of careers and teaching staff. It is true to say that we are among the fore-runners in industry who are making a determined effort to change this image through school link schemes and teacher training programmes.

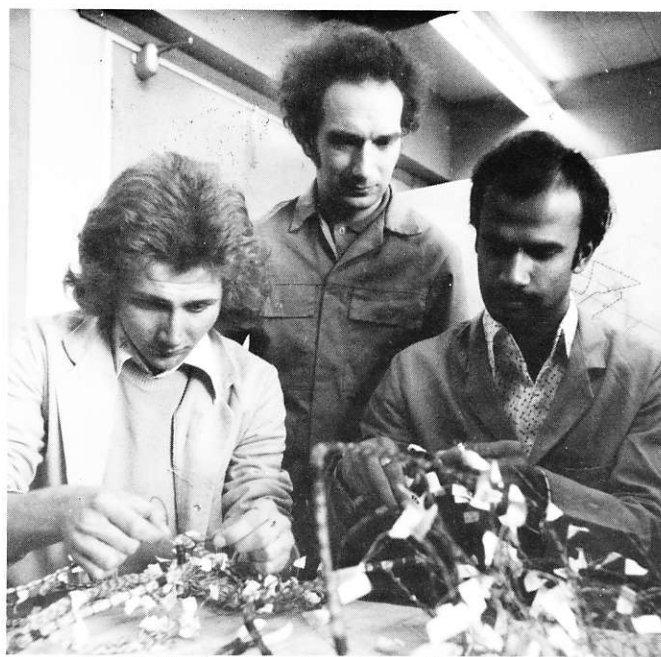
Changes in the distribution of the working population across industry and the acute shortage of people with the appropriate skills and experience has caused us to take a much broader approach to training by introducing a number of retraining schemes. The current T.O.P.S. (Training Opportunities) draughting training schemes, the work experience schemes for unemployed young people, training programmes for ex-servicemen, and special conversion courses (e.g. physicists to electronics engineers, and hardware to software) are all examples of this approach.

Training our future managers is also important if we are to continue to rank high in the world electronics market. New approaches to Management Development are continually being implemented

ON TRAINING



Derrick Trew (right) is an ex-R.A.F. Corporal now undergoing training in the Refurbishing Unit at Rivenhall. Supervising here is Jim Macrae.



A new Portakabin has been installed at New Parks to cater for trainees under TOPS, the Training Opportunities Scheme. Here (left to right) are David Baker and Alan Prior, who will be joining Marconi Radar, and Bipin Laxman, who will be joining GEC-Elliott on the same site.

using our own internal resources and those of the GEC-Marconi Staff Development Centre, the GEC College of Management at Dunchurch, and local colleges and universities.

Further education is actively encouraged by the Company and many employees receive assistance each year to study in their own time for qualifications relevant to their career. The Open University, while being a somewhat lengthy and arduous method of study, has proved to be a successful adjunct to the further education programme.

Employees approaching retirement age are now taking advantage of the opportunity to attend pre-retirement programmes organised by local authorities. These courses provide useful information and advice on a variety of problems which one can be faced with on retirement.



A course for Management in progress at Blackbird Road, Leicester, under the supervision of Richard Brocklesby, the Company's Chief Accountant, and Alan Adams, Assistant Chief Accountant.

David Middleditch, Factory Systems Manager at Gateshead, joined the Company in Chelmsford in 1974 as a direct entry graduate from Durham University, where he had gained a B.A. honours in History. He first worked in the Order Control Department and then, from 1975, was employed as a Systems Analyst. In September of last year he moved to Gateshead to continue his work as Factory Systems Manager.



Types of Training Schemes Operated by the Company

- | | |
|--|---|
| School Link Schemes | Junior Draughting Trainee Scheme (Watford) |
| Teacher Training | Retirement Training |
| Work Experience Schemes | Ex-Service Training |
| Operator Training | Management & Supervisory Development Schemes |
| Craft Apprenticeships | Special Conversion Courses |
| Technician Apprenticeships | In-Plant & External Staff Development Courses |
| Commercial Apprenticeships | Notting Hill — Teamwork Training Trust |
| Students Apprenticeships | |
| Graduate Training | |
| Secretarial Training | |
| T.O.P.S. — Drawing Office Training Schemes | |

LONG SERVICE AWARDS AT CHELMSFORD



BACK ROW (left to right): G. Gunn (27 years), D. Creed (26), R. D. Whiting (27), J. Coker (27), N. E. Frosdick (27), W. Ankers (26), T. A. Manson (27), R. G. Sach (27), A. H. Shelley (Works Manager), R. Lucking (27), M. B. Bartlett (26), H. Elliott (Group Chief), A. Johnson (Sales Controller), A. Thorogood (Manager), A. P. Flindall (27), B. C. Rawlingson (50), B. T. Neale (Manager), J. Sutherland (Managing Director), F. Kime (Manager), C. S. G. Crane (27), R. Rawlings (Controller), D. R. Hammond (27), A. A. D. Wade (27), W. J. Whale (27).
FRONT ROW: (left to right): E. W. Cummings (26 years), R. H. Reynolds (27), L. Austin (27), Mrs. M. Thorogood (26), Mrs. M. Clamp (27).

BACK ROW (left to right): W. Shaw (26 years), M. R. MacArthur (Asst. Manager), D. Thomson (26), B. T. Neale (Manager), I. Whitlock (Manager), R. Simons (Director), A. W. Cushing (Group Chief), A. V. G. Martin (Manager), M. B. Oddy (26), A. C. Horsnell (Manager), G. Mott (Manager), A. Shelley (Works Manager).
MIDDLE ROW (left to right): G. S. Tolliday (26 years), F. R. Piper (26), R. B. Law (26), C. Montague (26), P. R. Nicholls (26), J. Sutherland (Managing Director), R. Sherwin (26), P. M. O'Donnell (26), D. A. Jennings (26).
FRONT ROW (left to right): A. J. Strong (26), B. Farmer (26), R. A. Wellstead (26), W. Houston (26), M. Burrage (27), E. W. Holman (26).



FRONT ROW (left to right): D. Davidson (27 years), I. Donaldson (27), C. C. Eves (27), R. D. Walter (28), B. C. Rawlingson (50), F. A. Robertson (29).
SECOND ROW: P. J. Evans (27), G. H. Bamford (28), F. Kime (28), P. F. Brice (27), J. W. Sutherland (Managing Director), J. Eaton (27), R. P. Paskell (27), W. H. T. Ellam (27), K. Chambers (27), A. Wilson (28), R. W. Simons (Technical Director).
BACK ROW: T. Mayhew (27), R. A. Larner (27), W. R. Fuller (27), H. J. E. W. Lawrence (27), B. Neale (Manager), H. A. Joslin (27), R. Sherwin (Resources Manager), A. Shelley (Works Manager), A. Thorogood (Supervisor), R. Knight (27), J. E. Wright (28).

Rather the reverse

OUR apologies to all those people in one of our 'long service award' pictures in our last issue who found themselves with hair partings on the wrong side, breast pockets on the right-hand side of their jackets, and various other transformations in their appearance. The explanation is, of course, that the picture had become reversed left to right during the printing process. This also made rather a nonsense of the caption, and so (please, Mr. Printer) we now reproduce the whole item again as it was intended to appear in the first instance.

News items wanted

NEWS items, letters, photographs and other contributions for ECHO are always welcome. If we don't hear about it, we can't print it! Copy date for the next issue is May 11.

Your contact is Arnold Smith, Editor ECHO, MRSL, New Parks, Leicester. Tel. (0533) 871331, Ext. 313, Int. 577. Or material may be handed to Christine Merrill, Assistant Publicity Officer, at Writtle Road.



50 Not Out!

Bernard Rawlingson (right) is congratulated by Managing Director John Sutherland on the occasion of his 50 years Long Service Award. Bernard joined the Marconi Company straight from school in 1928 as a press hand. He moved to English Electric Valve Company in 1947 but returned to Marconi in 1950, where he has been employed ever since.

The Road to Peking

by **JOHN TIMBERS**

Sales Department
Control and Simulation Division



The two "Round Eyes" — as the Chinese refer to Westerners — pictured here with their hosts are John Timbers (with camera) and Fred Garner, Head of Future Projects, ConSim Division.



Bicycles, the favourite Chinese mode of transport, parked at "Democracy Wall" while their owners study the latest news.



One small section of the 3,000-mile long Great Wall.



Traffic control, Peking Style.

THE onset of Winter is hardly the best time of year to visit any country, but few adventurers would turn down the chance to visit that most fascinating enigma — China — whatever the season! So it was almost with a sense of disbelief that the writer (very much a new boy from Control & Simulation Division) set off last November as part of a joint MRSL/MSDS sales team on the trail to the mystic Orient.

Traversing the Alps and the hostile wastes of Araby, to say nothing of the vastness of sultry India and the steaming jungles of Burma took but a twinkling of an eye by Swissair to Peking (it took Marco Polo three years!)

Flying in over an endless, unrelieved patchwork quilt of dry paddy fields intersected by irrigation canals and long, willow-lined roads, one could not help being struck by the lack of people actually visible. Where were the teeming millions? A question soon answered! At rush hour in Peking

— all on old-fashioned bicycles!

Life in the eternal city is hard and incredibly drab — one feels over-dressed amongst all those Chairman Maó suits (any colour you like as long as it's blue or green!). Was it, perhaps, like this in Oliver Cromwell's puritan England 300 years ago?

Two and a half weeks and many a Chinese take-away later we found ourselves flying home by courtesy of China Airways (an experience in itself) at 20-odd thousand feet over the Himalayas — an unforgettable sight in crystal clear air with Mount Everest unmistakable in the far distance.

To have seen the Great Wall, the inside of the Forbidden City, the crystal coffin of Chairman (or is it Comrade) Mao — just to be able to say "I have been there!" Perhaps our grandchildren will go as a matter of course — but, if you meet us, don't be surprised if we start every other sentence with "When I was last at Democracy Wall"!



A pagoda summer house overlooking the Forbidden City.



"Chairman Mao said I could keep this pineapple ..." A guess at what the golden dragon might be saying!

Gateshead Awards



Long Service Awards were recently presented to (left to right)—Seated: D. Hamilton, L. Glistler, T. A. Lavin, A. W. Kennedy, O. McClurry, D. Sowerby. Standing: S. Laffey, A. P. McElwee, R. Bell, W. I. M. Henderson, Works Manager; G. Lowe, R. Martin and A. D. Williamson, Personnel Manager.



Long Service Awards were recently presented to (left to right): J. G. Harrison; A. Meek; J. T. Armstrong; R. Ritchie; J. T. Anderson; W. I. M. Henderson, Works Manager; J. G. Toward; R. McElwraith; J. S. Frost; R. E. G. Bastable; R. Archer; A. Copeland; W. Bell; W. Gill.



Apprentice Awards at Gateshead (left to right): P. Bolam, Training Instructor; D. Wood; D. Hardy; W. I. M. Henderson, Works Manager; R. Fraser, Training Officer; A. D. Williamson, Personnel Manager; I. Gibbon; S. Lowdon and D. Robinson, Training Instructor.



A group of retired employees attended a Christmas lunch in the staff

canteen at Gateshead Works, and were looked after by Mrs. J. Stephenson and Miss K. Lambert.

WRITTLE ROAD CHRISTIAN FELLOWSHIP

Meetings are held on Mondays at 12.35 in 'D' Building Reception. Anyone is welcome to attend, to join in discussion and to hear more about the Christian faith.

PROGRAMME FOR THE NEXT FEW WEEKS

March 12th: 'Creation or Evolution?' Speaker: David Barfoot, MRCVS.
 March 19th: 'A day with Cliff Richard' — this film will be shown in the canteen.
 March 26th: 'Relationships' — a tape-recorded talk by Selwyn Hughes.
 April 2nd: Meeting for Prayer.
 April 9th: 'Forgiveness' — another tape-recorded talk by Selwyn Hughes.
 Copies of the complete programme and further details are available from the Secretary, Doug. Jones. Tel. 2291 at Writtle Road Works.



Norman re-tyers!

NORMAN Tyers (centre) receives a cheque and retirement card on behalf of his many friends and colleagues from Chief Test Engineer Pat Power at Blackbird Road's Test Department.

This was Norman's day of many farewells after his 36 years service with the Company which started in 1942 at the old Anstey

(Leicester) test site on equipments which have their place in historical records. These included GL3, GLAXO — AA No. 3 Mk. 7, Yellow Tiger Mk. 8, and at Blackbird Road, Yellow River (RAF) Type 83, Blue Anchor (RAF) Type 010, followed by a whole new range of work associated with control engineering.

Working with names like BTH, AEI and Marconi, Norman has seen many changes in the electronics industry. Now retired at the age of 66 after 12 months' extended service, he looks towards a happy and busy retirement.



GUESTS at the Radar Buffet Dance at the MASC display a variety of expressions as they trip the light fantastic.



GIFT FOR RENAL PATIENTS

THE Marconi (Leicester) Charities Committee, whose funds are financed solely by weekly contributions from Marconi Radar people at Leicester, continues to give valuable support to a wide range of local charities.

Our picture shows Chris Fitzgerald presenting a cheque for £100 to the secretary of the Leicester Area Renal Unit Patients Society which will go towards the cost of providing a dialysis unit for children. The young lady next to Chris is herself a kidney transplant patient, while also present are committee members Harold Wright, Cliff Shuttlewood and Margaret Stanley.

PLAY IT AGAIN SUE!

AT first glance it may look as though Sue Thorn (Miss Marconi Radar) is about to demonstrate a rather unusual musical instrument. In actual fact, however, the 'instrument' is a Marconi Radar Squintless Feed — a device used in many radars which overcomes the disadvantages of the normal linear feed and also provides additional anti-jamming benefits.





Chelmsford football

ON A bitterly cold night and in near blizzard conditions, the Marconi Representative team played the Braintree and North Essex Sunday League on November 28 at the Braintree and Crittall Athletic Ground

The League Tables at the end of the first session are:—

Division 1

	Played	W	D	L	Points
Marconi Marine (A)	4	4	0	0	8
Radar Commercial	3	3	0	0	6
I.D.O. (New Street)	5	2	1	2	5
Broadcasting	4	2	1	1	5
Hermes	4	2	0	2	4
E.E.V. (A)	5	2	0	3	4
Radar Apprentices	4	1	0	3	2
E.E.V. (B)	5	0	0	5	0

Division 2

Supplies (New Street)	4	3	0	0	8*
Machine Shop (New St)	4	3	0	1	6
Radar Software	3	2	1	0	5
Maintenance (New St)	3	1	0	1	4*
T.M.U. (New Street)	3	1	1	1	3
R.M.U. (Widford)	4	0	1	1	1†
Marconi Marine (B)	4	0	1	3	1
Red Star Apprentices	3	0	0	3	0

* Includes 2 pts. added for match default

† 4 pts. deducted for 2 match defaults

and lost 2-1. Taking advantage of the unusual lighting and the difficult conditions, the Braintree team went ahead with two early goals. As the game progressed, the Marconi team took command and pulled back a goal. However, the difficult conditions and some desperate defending by Braintree prevented any further goals, which rather disappointed the Marconi contingent.

Further Representative matches are being arranged for this season.

Monday, March 19, sees the resumption of the Inter-Departmental Competition Season 1978/79. Unfortunately, E.E.V. Maldon have had to withdraw from Division 2 due to team difficulties. They will be replaced next season by a Works Section anxious to join the Competition.

JUBILEE CUP — SEMI-FINAL TIES

3rd April, 1979 — Maintenance (New Street) v. R.M.U. (Widford).

5th April, 1979 — Marconi Marine (A) v. Hermes.

Cup Final — Tuesday, 1st May, 1979.

PHIL CHAMPION
Competition Chairman.

CHEERS!

□ OUR roving photographer was attracted by this happy group at Chelmsford's annual Radar Dinner Dance.

