

Echo

The internal newspaper of Marconi Radar Systems and its people

'G - DAY' IS AUGUST 13

THE outstanding success of the Company's first Sports and Gala Day held last June has led Mr. Sutherland to ask the same team to organise an even larger and more attractive programme of events for this year.

Gala Day 1977 will be held on the sports field at the Marconi Athletic and Social Club, Beehive Lane, Chelmsford, and the day for your diary is Saturday, August 13. The services of the management and staff of the Club, who did such a magnificent job last year, have again been reserved for the day.

All employees of Marconi Radar and their families are invited to partake in the day's fun, games and sport — or they can just sit and watch the children (of all ages!) enjoy themselves.

Attractions

This year there will be something for everyone. As well as the many sideshows and a wide variety of sporting events, there will be such special attractions as a hot air balloon, an alsatian dog display team, a marching band and a competition for Miss Marconi Radar 1977, all rounded off with a dance in the evening.

★ More details will be found on pages 10 and 12.



The Debenettes



Some of the Essex Debenettes who will appear at the Gala. Photo: Evening Echo



MISS ANGLIA TO OPEN GALA

Miss Anglia 1977, the lovely Sneh Gupta, who will officially open the Gala. Accompanying Miss Anglia will be Mrs. Judy Ball of Anglia Television.

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Council leaders at Writtle Road

Councillor Mrs. Helen How, Chairman of Chelmsford District Council (centre) is seen here at the Writtle Road factory with Alan Shelley, Works Manager, and Mrs. Pat Woollard, who is working on a printed card

frame assembly for a Locus 16 air traffic control display unit. Mrs. How, together with Mr. R.M.C. Hartley, Chief Executive of the Council, was making a fact-finding tour of the Marconi companies in Chelmsford.

Leslie Freeman

Many of his old friends and colleagues throughout the Company will be saddened by the death after a long illness of Leslie Freeman, who retired from his position as Sales Controller at Writtle Road in September of last year.

At the time of his retirement Leslie had been a familiar figure in the Company for nearly half a century and could claim the longest Marconi service in MRSL, having first joined the office staff of New Street Works in 1928.

After a distinguished record in the Second World War, during which he was seriously wounded, Leslie joined the Services Equipment Division of Marconi which in 1969 became the nucleus of Marconi Radar Systems Limited. He became associated with many of the large radar contracts the Company has handled and travelled all over the world.



Defence Chief's visit

Major-General H. E. Roper, Assistant Chief of the General Staff (OR), Ministry of Defence, visited Chelmsford recently and is pictured here (seated) with Managing Director John Sutherland during a demonstration of equipment. Standing at the back are (left to right) Richard Worby, Sales, Data Processing, Technical

Director Roy Simons and Marketing Director Peter Way.

Major-General Roper visited the Research Laboratories at Baddow before touring the Writtle Road site, where he discussed such items as Locus 16 and the S800 series of weapon radar systems, later going on to New Street.

Bigger and better

Plans are well advanced for our second Annual Gala Day; this year it will be even bigger and better, and happily we are able to make arrangements for quite a number of our colleagues from Gateshead to come down and join us as well as the people from Leicester, Watford, Norwich etc., who attended last year. From what I heard of the Gateshead sporting prowess when I was up there recently, they will walk off with quite a few of the trophies.

Quite apart from a really good day out for the family, I believe it will be a great opportunity for Marconi Radar people from different places, who would not normally meet one another, to get together in a relaxed social atmosphere. It is very difficult with nearly 6,000 people scattered all over England to retain a sense of "belonging" to Marconi Radar, but it is a spirit which I hope will flourish and which I personally will do everything I can to foster.

On a sombre note, we record the death of our former colleague and friend, Leslie Freeman, who died on 5th May after suffering a long and painful illness with great fortitude. He retired in September last year as one of the longest serving Marconi men in the Company. He will be sadly missed.

John Sutherland
Managing Director

The 1976 Apprentice Presentation Ceremony took place at New Street recently. Guest Speaker was Mrs. B. Platt, Chairman of Essex Education Committee. Pictured here after the presentations are (left to right) Arthur Smith, Chief Training Officer; M.D. Partridge, Best craft machinist; S. Ward, Highly commended electronic technician apprentice; T.D.N. Williams, Best student apprentice; J.

CHELMSFORD APPRENTICE AWARDS

Denegri, Best 1st year craft apprentice; P.S. Raphall, Highly commended student apprentice; C.M.J. Saltmarsh, Best craft wireman assembler; E.J.

McLatchie, AUEW/William Rose Award; Miss J. Cox, Best clerk typist; Mrs. B. Platt, Guest speaker; S.J.H. Ainsworth, Best electronic technician apprentice; Miss L. Weeks, Best shorthand typist; S.D. McLatchie, Best craft instrument maker; John Sutherland, Managing Director; I. Shepherd, Best craft sheet metal worker; and I. Kennedy, Best mechanical technician.



Chris Boucher leaves us

☐ Roy Simons, Technical Director (right foreground) recently made a farewell presentation to Chris Boucher, Assistant Works Manager at Writtle Road works. Mr. Boucher has now left to take up a new appointment outside the company.

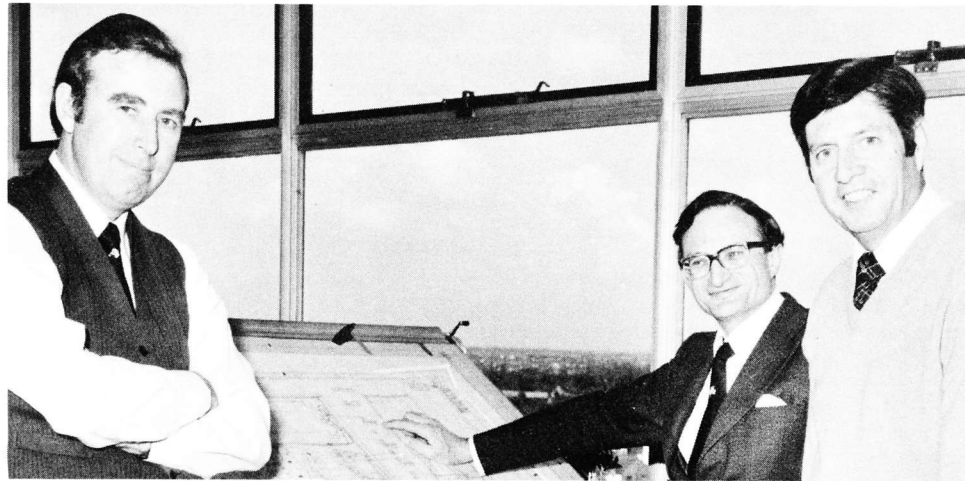


A VISIT FROM WALL STREET

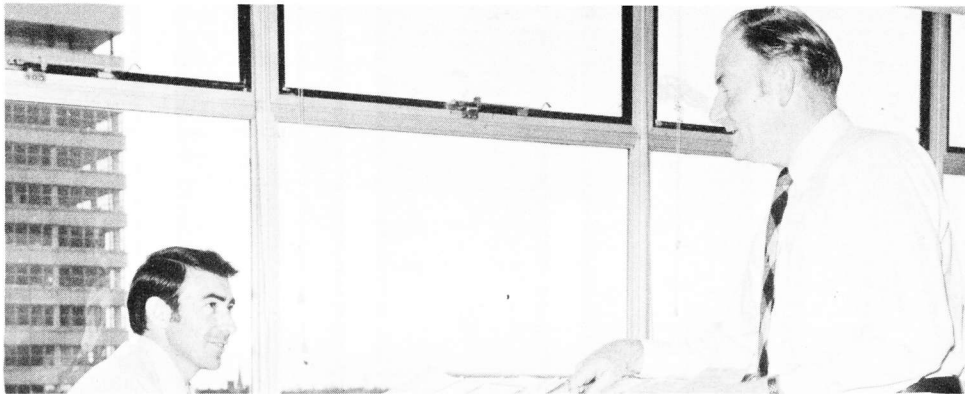
This meeting at Writtle Road resulted from a request by Mr. E. Morgan-Thaler, of the Wall Street Journal, to visit one of the U.K. companies operating 'work experience' courses, designed to give youngsters experience in industry before starting their working life. Marconi Radar was the company chosen for the visit and pictured here (left to right) are Arthur Smith, Chief Training Officer MRSI; Charles Rex, Chief Training Officer GEC-Marconi; Mr. E. Morgan-Thaler; and Mr. J. Brown, Manpower Services Commission.



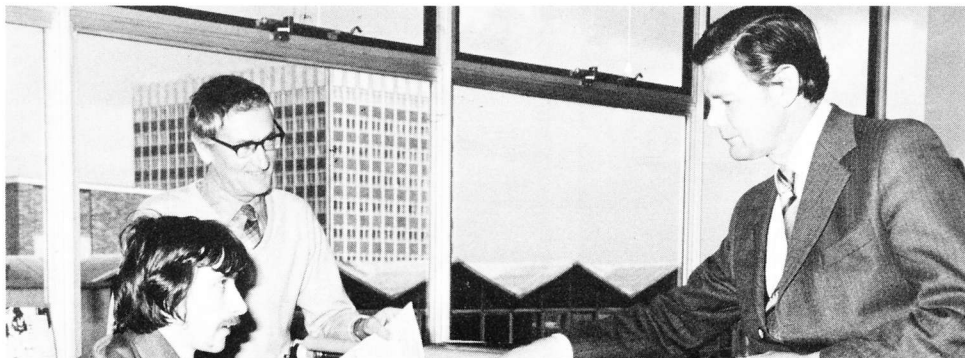
Dave Hammond (centre), Senior Draughtsman and a founder member of the Southend Office, pictured with Ted Jeffrey (left) and Frank Cartwright.



Tim Mosse (centre) with the two resident designers Ron Kirk (left) and Mick Cannell. Mick is a long serving member of the Company with wide experience of most radar engineered products. Ron has worked on the earlier S600 Series equipment and extensively on GWS25 aerial control gear.



Pat McCorkell (right) is a long serving colleague at Southend and is seen here conferring with Brian Illingworth, who joined the company after spending a period as a draughtsman in New Zealand.



Rowland Barker (right) is a regular visitor to the Southend Office. He is seen here conferring on pre-production design aspects with Barry Woodham (seated) and Patrick Moore. Barry has recently completed a company apprenticeship having successfully gained his HNC in mechanical engineering. Both Barry and Patrick have the good fortune of living close to the office in Victoria Avenue.

SPOTLIGHT on SOUTHEND

MANY OF our readers will no doubt have spent a happy day or two at Southend-on-Sea, the popular Essex seaside resort which lies about 20 miles from Chelmsford. What some of them may not realise, however, is that the Company has a well-established foothold there in the

form of 'Marconi Radar Systems — Southend Drawing Office', an outpost of Empire which is shortly due to celebrate its tenth birthday.

Situated on the seventh floor of a ten-storey block, this small but busy section works in a light and airy office which has impressive views over the town and also over the sea to the Isle of Grain and the Medway.

The office was set up with the help of D.W. Davis (now with GEC-Marconi welfare services) in June 1967 — at which time some 150 interviews were carried out to select an opening team of designers and draughtsmen. Since then a variety of work has been dealt with ranging from S600 Series radar to GWS25; it has recently been mainly on the servo side and is soon to be concerned with a new commercial project.

Supervision

The section operates as part of the Electrical Engineering D.O. at Baddow, under the supervision of Chief Draughtsman Ted Jeffrey, Chief Designer Tim Mosse, and the Manager of Mechanical Engineering, Vic Martin. Frank Cartwright, Assistant Chief Draughtsman, is responsible for office administration, while Rowland Barker of Production Engineering vets the designs for their suitability for manufacture. Designers on the spot at Southend are Ron Kirk and Mick Cannell. Frank Hazell, another designer who was a founder member at Southend, died recently after a short illness.



Bernadine Knatchbull is a recent member, having attended day release at Chelmsford College of Further Education. Bernadine enjoys a diversity of work from drawing and tracing to typing and clerical duties.

Navy Chief at Leicester

Vice Admiral R.P. Clayton, Controller of the Navy (centre in picture) visited Leicester recently, accompanied by Mr. D.R.J. Stephen, Deputy Under-Secretary of State (Navy) and Rear Admiral L.S. Bryson, Director General Weapons (Naval).

The visitors are seen here at New Parks with Managing Director John Sutherland and Marketing Director Peter Way before going on to Blackbird Road for a tour of the factory.



Chelmsford Staff Liaison Committee

THERE has been a Staff Liaison Committee for the Chelmsford establishments since April 1972. The employee members for whom there are annual elections and the precincts they represent are as follows — Mrs. Ann Carr (Spares and Repairs), Mr. P. Bone (Purchasing), Mr. A. Butt (Development — Writtle Road Works), Mr. M. Austin (Development — Baddow), Mr. P. Drake (Field Services), Mr. L. King (Admin. Departments), Mr. P. Metson (Works Division), Mr. B. Charlton (T.I.D.) and Mr. N. Moorcroft (Technical Services).

The representatives regularly meet the Personnel Manager (Chelmsford), Mr. A.C. Horsnell, and the Establishments Manager, Mr. C.A.R. Mackley, who act as joint chairmen. Mr. K. Gamblin, Company Safety Officer also attends the meetings, as do other senior managers in rotation.

The Committee discusses a wide range of topics of interest to employees, e.g. flexitime, but does not negotiate on wages and/or conditions of employment. Over the last few months, one major topic

which is inevitably discussed is pensions and the transfer terms to the GEC Plan. Malcolm Austin and Alan Butt have become expert in the subject and have raised many questions on behalf of members in their areas. Often it has been necessary to pass these queries on to the Pension Office, Stafford, although Mrs. Mary Mackin, Pensions and Welfare Officer, has usually been able to supply the answers.

Following the election of some new members to the committee, it was decided that the time was right to review the committee's constitution. Les King, an ex-Mayor of Chelmsford, agreed to chair meetings of the employee representatives.

• Pictured at a Staff Liaison Committee meeting are (from left, round table) Messrs. P. Drake, P. Metson, A. Shelley, C.A.R. Mackley, A.C. Horsnell, L. King, A. Butt, M. Austin, N. Moorcroft, P. Bone and K. Gamblin. Other members not on this photograph are Mrs. A. Carr and Mr. B. Charlton.



CAN YOU BEAT IT?

In our last issue Joe Miller of New Parks suggested an item for the mythical Marconi Book of Records, viz. the greatest number of flights (a flight being the period between take-off and a landing) on company business in the shortest time. Joe set the ball rolling by claiming a total of seven flights in three days, and asked if anyone could beat this.

The answer is — well, yes. For Alan Prior, principal project engineer with the Electronic Engineering Department at Baddow, has responded with an astonishing six flights in one day!

Alan has his journey well documented.

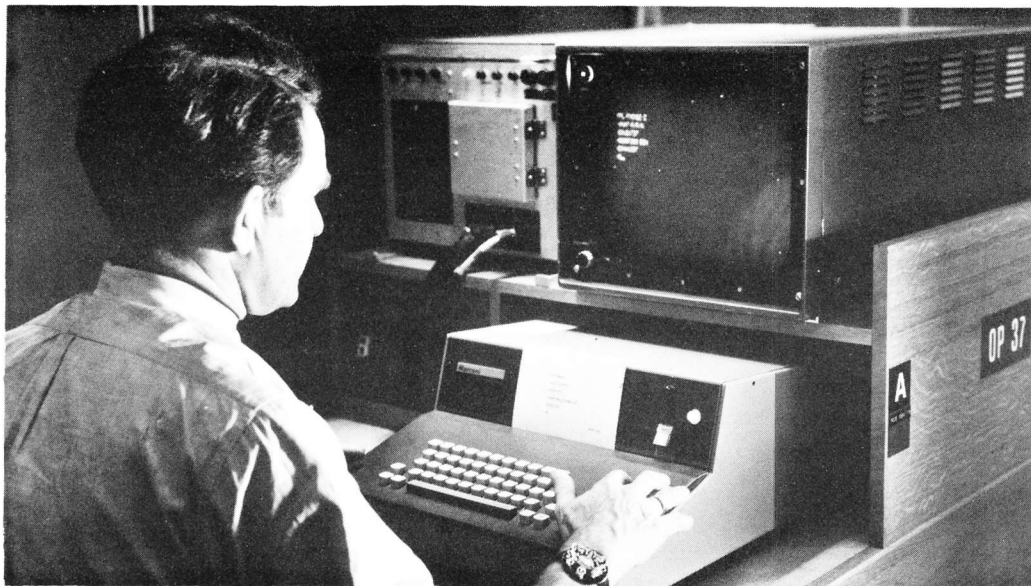
It began on 21st September, 1971, at NADGE site 08 in North Norway, when he departed by Norwegian Army helicopter at about 1.00 p.m. to BARDUFOSS, arriving about 1.55 with an open ticket to London but no reservation. He departed from Bardufoss at 2.00 p.m. on Oslo flight SAS SK341, disembarking and re-embarking first at BODO and then at TRONDHEIM, arriving at OSLO at about 5.00 p.m. — with no onward reservation. He took off from Oslo at 5.40 on SAS flight SK465 to GOTHENBURG, arriving at 6.20 and departing again at 6.55 on BEA flight BE785 to HEATHROW, arriving at about 8.30 p.m.

Hence the route was:

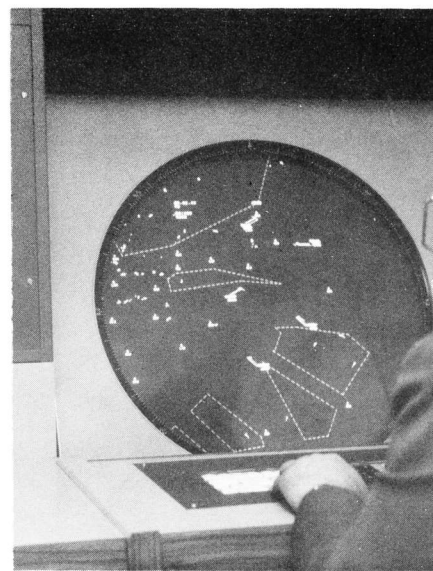
Site 08 — Barfudoss
Barfudoss — Bodo
Bodo — Trondheim
Trondheim — Oslo
Oslo — Gothenburg
Gothenburg — London.

Alan says: "This journey shows the high degree of flexibility inherent in SAS's operations at the time. In two cases — Bardufoss and Oslo — I turned up well after check-in time without reservations and was given a seat. This presumably would no longer happen with the current security arrangements."

All of which seems to firmly establish Alan as the record-holder. Unless.....?



A Flight Plan input position of the FPPS system at West Drayton showing data entry keyboard and electronic data display. The FPPS system specification calls for extremely high reliability with no system failure longer than 30 seconds in five years.

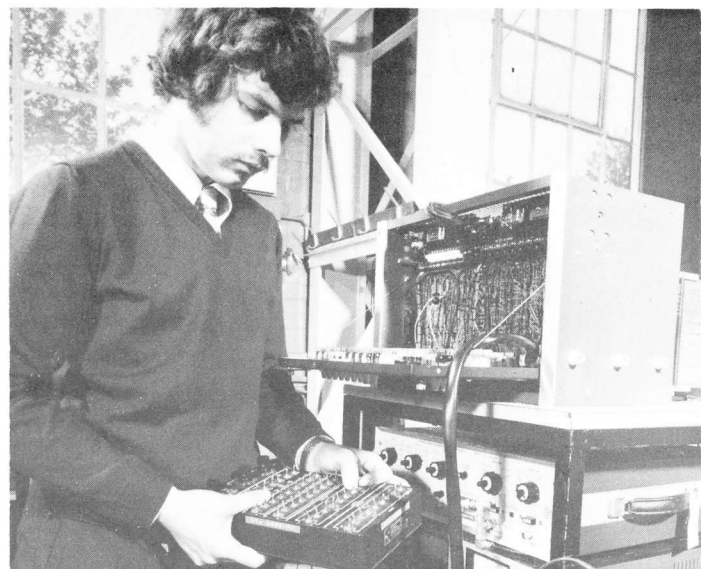


A typical modern radar display at Writtle, showing aircraft positions and dotted lines indicating airways. The dotted lines show airways.

We saw in the first article how air traffic control is a process of planning flights, executing those plans, monitoring flights, applying and noting corrections. Planners, pilots and controllers are all involved in this process. Each of these groups of people require more aids to maintain safety standards in the face of ever increasing traffic growth. A recent tragic accident is evidence enough of this. Fortunately, modern engineering and new technology can provide this aid. Its foundation is the Computer plus Digital Techniques.

Their use in ATC is increasing both in aircraft and ground equipment. Flight Plan Processing systems are now in use in many busy ATC Centres. A typical example of their working is as follows.

The planner accepts a pilot's plan and types into the computer system the aircraft's desired cruise height, its type, route and destination, etc. With great speed the computer



Mick Rogers testing a Primary Radar Plot Extractor, which takes primary radar signals and from them determines aircraft positions.

Ranges and bearings for each aircraft detected are sent at high speed either for direct use in computers or for combination with SPVU information.

Understand air traffic control

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PART TWO OF AN ECHO SERIES

automatically calculates the aircraft's arrival times at the various reporting points en route, plus all the other information required by controllers involved. This is automatically printed on to Flight Progress strips at their point of use.

Radar Display

Other systems go further and totally eliminate the need for Flight Progress strips, using instead electronic data displays. These show controllers all the required information, in standard alphabet and numerals, on television-like screens at their control positions. Controllers can select any information they require from the computer and change or up-date any of it, using a special keyboard. Updating is needed when pilots'

actual reporting times, heights, or positions differ from those planned.

This is where the controllers are greatly aided by their radar pictures which give cross-checks on pilots' reports.

Because the computers can organise messages into telegram form it is easy for flight planning and control information to be sent automatically over great distances by telephone lines to other controllers or control centres. This is one application of the digital technique — but a more significant example is to be found in the realm of radar signal processing and display.

Typical equipments using digital techniques are the Primary and Secondary Radar Plot Extractors illustrated. These take signals from the radar system and turn them into a form consisting purely of

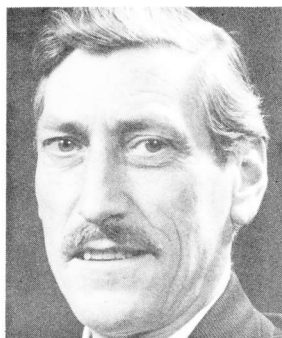


bad Works. All data is drawn
positions, sensed by our radars at
readable identities and altitudes
and traffic routes.



S.3017 Display complex driven by Locus 16's being tested in the Pre-Commissioning Test area at Writtle Road Works. 33 of these computers and displays are to be installed at the Scottish Air Traffic Control Centre.

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udes his article.
art appeared in
our last issue.

by Harry Cole

numbers, usable in computer-like circuits. The numbers express all the signals' characteristics such as their size, type, duration, background noise level, and their position in space. It is now possible, using such equipment, to get aircraft position, identity and height all automatically detected using primary and secondary radars in concert.

Efficiency

This so-called "extracted" data can be sent in telegraph form over telephone lines. It can also be written on to radar screens, as in the case of the electronic data displays, using special symbols to show aircraft position with their identity and height written alongside them in standard characters. *As the aircraft move in space, so the*

symbols and associated information move in sympathy across the screen.

The marriage of Flight PLanning and Radar Data Processing results in controllers being relieved of distracting tasks, and by concentrating information where it is needed gives them valuable 'think-ahead' time which makes for greater efficiency. It also means that a control centre need not depend only upon its local equipment but can use information gathered by radars at other locations.

Co-operation

This is being done for the Scottish ATC Centre, using radar data from various sources which will be processed in 33 Marconi "Locus 16" computers and presented on 33 S 3017 radar displays.

In aircraft, mini-computers and digital techniques have been in use for some time now. The scope of their use is increasing, being used to carry out such tasks as fuel management, navigation, automatic landing and so on. We look forward to widespread use of new systems in development and on trial which give pilots timely warning of potential collision as a further safety aid.

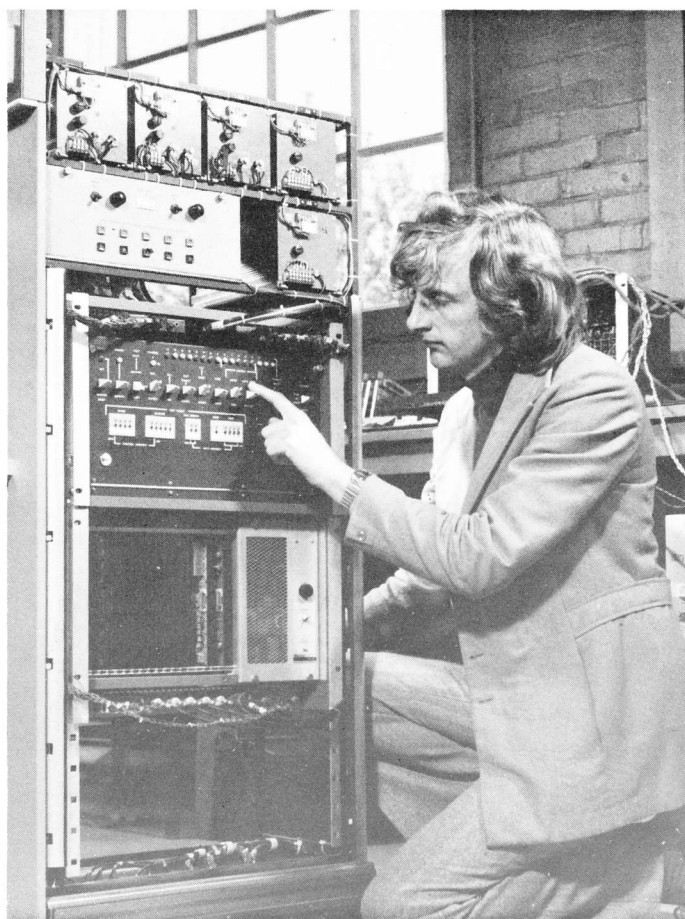
To achieve standard performance of ATC equipment the world over requires a high level of international co-operation. This is done largely through the International Civil Aviation Organisation, under the auspices of the United Nations. Through its Regional Conferences, to which industry is invited, specifications are agreed — after long and hot

debate! Manufacturers can then be sure that wherever in the world their equipment is installed it will give service to ATC.

In these two articles I have tried to convey the breadth of interest to be found in ATC work and its worthiness. There is great satisfaction working in a

field in which political and cultural barriers are crossed in the cause of international co-operation for the common good.

If you would like to know more of ATC, why not come and talk to us in Customer Systems about it? You'll find it difficult to stop us once we start!



A Secondary Radar Plot Validation Unit (SPVU) being tested by Martin Saunderson. These units accept signals sent automatically by aircraft and convert them into identity, height and position information, ready for use in computers and translation into written form on radar displays.

F.S.A. Annual Dinner



Pictured at the Gateshead Foremen's and Supervisors' Association's Annual Dinner are (left to right) Jack Frost, Stan Roddam, Dave Keith and Joe Alexander.

**‘12.30 a.m.
came
all too
quickly’**

THE Gateshead Foremen's and Supervisors' Association's 14th Annual Dinner, held in the Prince of Wales Suite in the County Hotel, Newcastle, was declared a great success.

Works Manager Bill Henderson, President of the Association, welcomed Vice Presidents John Sutherland, Roy Simons and Ron Sherwin from Chelmsford, and the Leicester Association was represented by Messrs. W.O.P. Jones, K.V. Merricks, A.G. Copson, J.E. McReynolds and D.V. Kevern. Also present — and a pleasure to see in excellent spirits — were Gateshead retired members Messrs. R. Kine, G. New, D. McOnie and T. Laing.

Informal

The evening in typical North Country fashion was an informal stag affair. After an excellent dinner, entertainment was provided by Irish comedian Neil Murray, pianist John Flood and singer Maggie Love, who soon had many offers of help with the chorus, particularly during her routine when her charms (we are told) were amply displayed.

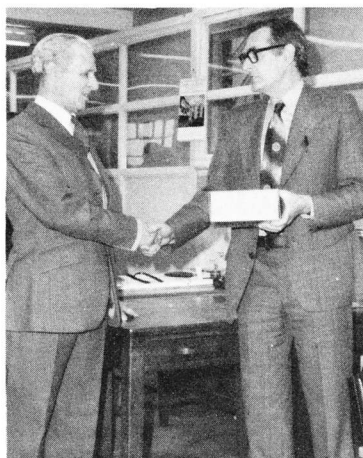
Address

Chairman Ossie McClurry made a most humorous speech on Fellowship and Communication, and Mr. Sutherland gave the Vice President's address, outlining the Company's favourable business situation.

Hon. Secretary R. Archer — to whom we are indebted for these notes — says that the whole evening was most enjoyable and as always 12.30 a.m. came all too quickly.



Mr. T. Laing, Apprentice Training Instructor, who has retired from the Company after 20 years' service, was presented with a transistor radio by the Apprentices Association at Gateshead Works. Mr. Laing also received a cassette recorder from friends and colleagues.



Dick Amos, Production Services Manager, presenting Mr. W.A. Dixon with a car cassette player upon his retirement.



Mr. T.A. Lavin, Works Accountant, wishes good luck to his secretary Ann Stokoe on the occasion of her forthcoming marriage to Jimmy Taylor, a long distance driver for Gateshead Works. Gifts from friends and colleagues included a painting and a canteen of cutlery.



Nurse Doris Gilroy has retired after spending 16 years with the Company. Doris received a wristlet watch, handbag and numerous other presents from her friends and colleagues at Gateshead.



Lunchtime Meetings

The Christian Fellowship at Writtle Road Works continues to meet at lunchtime on alternate Mondays at 12.35 p.m., in the 'D' Building Reception Office.

Visitors are always welcome and there are plenty of opportunities for discussion. Why not come along?

JUNE 13th 'Your Money and your Life!' — a Bible Study on Psalm 49, led by Melvyn Sach.

JUNE 27th 'Money — is it the Root of all Evil?' — a talk by Anthony Ruddle, a local Baptist Minister.

JUNE 18th A local dentist speaks on 'A Christian in Dentistry'.

*J.A. LANCASTER, Chairman,
Christian Fellowship, Writtle Road.*

Duke of Edinburgh Award Scheme

ANY members of the Company up to the age of 23 who are interested in taking part in the above scheme should contact Mr. G.W. Davies, Springfield Place, Springfield, Chelmsford. Telephone: Chelmsford 51608.

Mr. Davies will be pleased to supply literature and answer any questions about the scheme.

LEICESTER SPONSOR MISSION TO SEAMEN CATHEDRAL CONCERT

The Company at Leicester recently sponsored a Mission to Seamen Concert in Leicester Cathedral and prior to the event a press conference was held at the Holiday Inn.

Len goes North

Len Brown, section leader in general systems section at New Parks since 1973, has left Leicester to take up a new post in Gateshead as Chief Production Engineer — Electronics under Works Manager Bill Henderson. Len moved to Leicester from Trafford Park

with the Control Engineering Department in 1968 soon after completing his apprenticeship, which began in 1963.

Our picture shows Len (centre) receiving a presentation from New Parks Development Manager Colin Latham on behalf of his colleagues.

Our picture, taken at the conference, shows Leicester's Personnel Manager Gordon Mortiboy (right) explaining the function of the Sea-Watch 300 Radar Beacon to Mrs. Graff-Baker, the Reverend J.B. Watson Pegman (Regional Director of the Mission), and the Reverend

S.J. Twycross.

Mrs. Graff-Baker, whose husband is Radar Chief Engineer at New Parks, conducts the Graff Orchestra under her maiden name of Celia Davies.

Her father was Director of Research of AEI Rugby until the late 1960's.



All the Fun o' the Fair!

A great day out for all the family

THIS year's Sports and Gala Day at Chelmsford on Saturday, August 13, is open to all the Company's employees and their families, and everyone is cordially invited to attend.

Admission tickets — in the form of 'lapel' stickers — will be available from Personnel Departments in due course, so keep an eye open for further details on the notice boards. Ample free car parking space will be provided near the MASC sports ground, and transport from Leicester and Gateshead is being arranged.

In the Arena

One of the highspots of the day's events in the main arena will be the 'Eight of Hearts' hot air balloon team, who will, weather permitting, give tethered rides to the public in their balloon and make a free flight at the end of the day. Other attractions will include a demonstration by an alsatian dog team, displays by the Mayflower Band and the Essex Debenettes, sports events and a fancy dress competition for children, clowns, tug-'war, and the preliminary rounds of the Miss Marconi Radar contest.

Stalls and Sideshows

These will be almost, as the saying goes, too numerous to mention! As well as pony riding and a Punch and Judy show for the children, you can play darts or bingo or knock down coconuts, ride on the model railway or watch the youngsters rolling about on the fun bag. And, of course, there are always the delights of the ice-cream, sweet and candy floss stalls to be sampled.

Sports

Handsome trophies, to be played for annually, will be presented to the winners of the sports contests and it is hoped that as many people as possible will join in the various activities. Games will range from the more energetic, such as squash, football, tennis and hockey, to the somewhat less active but equally skilful golf, snooker and billiards, darts and bowls. You will find the names and telephone numbers of the people to contact on the back page of this issue.



MISS MARCONI RADAR 1976

The charming winner of the Miss Marconi Radar Competition last year was Carol Slaughter of Technical Information Department, Norwich.

Miss Marconi Radar 1977

LADIES! One of the principal attractions of the day will be the election of Miss Marconi for 1977, so don't be shy — have a go! It is hoped that virtually every department in the Company will 'sponsor' a contestant; but, of course, individual entries are also very welcome.

It has been decided that this year's winner will receive vouchers worth £100 from a national fashion house to spend on clothes, with other vouchers for the two runners-up.

Miss Marconi Radar 1977 will be crowned during the Dance in the evening. The distinguished panel of judges will consist of Miss Anglia; Mrs. J.W. Sutherland; Mrs. Bette Lanyon, of the Community Work Adviser Office, Stanhope Gate; Mr.

G.L. Bedford, Manager of the National Westminster Bank, Chelmsford; Mr. R.G. L'Estrange, of the Co-operative Bank Ltd.; and Councillor M. Foley of the Chelmsford District Council. Technical Director Roy Simons will act as scrutineer.

The Grand Draw will also take place during the Dance, which means a first prize of £100 for the lucky winner and numerous consolation prizes for others. Tickets for the Grand Draw are now on sale from official agents throughout the Company.



The Mayflower Corps, from Billericay, was formed in 1973 for girls of up to 21 years of age who are interested in music and marching.



Squash Champion – Again

Brian Clark (left) of Customer Systems, Writtle Road, receives the Chinoy Trophy from the President of the Marconi Squash Club, Mr Rhys Williams, at the Club's first dance held at the MASC recently.

The Chinoy Trophy was originally presented by Amir Chinoy, our agent in Pakistan, to be played for each year in the Marconi men's tournament.

Brian emerged as champion for the second year running, winning 3-0 in close games against Brian Chase of English Electric Valve Co. This was a virtual repeat of last year's final which the two Brians also contested.

Marconi Magic

F. W. Ellis, who works in the Packing Department at Writtle Road, has sent us the following poem, which is all his own work.

This leads us to wonder if similar hidden talents are lurking elsewhere in the Company. Any more submissions for a 'Poets' Corner'?

*Let the magic of Marconi
Do miracles for you;
We are experts in our field
And our products prove it, too.*

*Our founder Guglielmo Marconi
Was a genius – the world shares that
view,*

*Let us know of your requirements
And Marconi Magic will work for
you.*

*It's commonsense you want the best,
With that we go along,
We are the leaders in many fields,
With us you won't go wrong.*

*Our Competitors just follow us,
We blaze trails and show the way;
Our experience will enable us
To do so for many a day.*

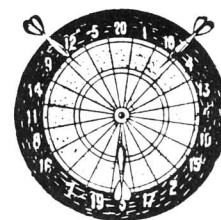
*Our record shows just how advanced
We are beyond the rest,
We just carry on with our tradition
Of reliability – the best.*



The Control D.O. 'All Stars' who topped the Leicester Darts League at the end of the 1976/77 season are pictured here with their trophies, which were presented by Geoff Mowbray, Manager D.O. at New Parks. (Left to right) Steve Pratty, Mike Edwards, Phil Armstrong, Geraldine Hosgood, John Martin, Janine Edwards, David Pollard, John Davies, Rick Williams and Geoff Mowbray.

Team	Matches Played	Games Won	Games Lost	Points Awarded
Control All Stars	7	14	7	14
Products New Parks	7	12	9	12
Auto Accounts	7	11	10	11
Works Engineers	7	1	10	11
Production Services	7	11	10	11
Production Control N/Pks	7	10	11	10
Production Control B/Rd	7	8	13	8
Radar Systems	7	7	14	7

Final League Positions at 1-3-77.



LEICESTER DARTS LEAGUE



Meanwhile, Radar Systems had managed to capture their own trophy – a real wooden spoon! Bravely facing the camera with Geoff Mowbray after other members of the team had discreetly disappeared are (left to right) David Price, Angus Ager, David Coupe, John Firth and Bob Racker.

The Singles Competition, which took place at the Belgrave Liberal Club recently, resulted in Peter Chapman of New Parks Products emerging as the champion with Graham Tyler of Works Engineers the runner-up.

The presentation of trophies by Geoff Mowbray, Manager New Parks Drawing Office, took place on the same occasion. Awards were made to Control D.O. All Stars, the league winners for 1976-77, and to New Parks Products as runners-up – not to mention the special award of a wooden spoon to the Radar System team, who have now (we are told) gone into training behind locked doors.



THE Marconi Leicester Tennis Club have entered a men's doubles team in the Leicestershire League this season. The team narrowly lost their first match by five sets to four after a keen game away from home, but are confident that success will soon be theirs.

Pictured here after receiving their trophies are last year's men's doubles champions Phil Thompson (left) and Dave Sharp. Dave was also men's singles champion.

Mike Owen

THE tragic death on Sunday, March 20, of Mike Owen of Support Division, Whittle Road Works, has left the Marconi Inter-Departmental Football Competition at Chelmsford without a Chairman.

Mike's hard work for the Competition, as a committee member from its formation 17 years ago to his election as Chairman last year, will always be remembered and it is hoped to perpetuate a trophy to his memory, to be played for annually.

Mike Owen also managed Marconi Marine F.C. at Chelmsford and was so well-known in soccer circles that his death came as a sad blow to all his colleagues and many friends. He will be sorely missed by them all.

Bill Shaw

The death occurred on May 3 of Bill Shaw of Technical Service, New Parks, Leicester, after a short illness. Bill joined the BTH Company at Rugby as a D.O. apprentice in April 1935 and so had completed 42 years' service.

Apart from a short spell at Blackbird Road in 1947-48, he worked at Rugby first as a draughtsman and then in Radar Development until he joined Technical Services at New Parks in 1958. Between 1970 and 1976 he was with Quality Control, returning to Technical Services last year.

Bill had many friends and colleagues within the Company and will be sadly missed by them all.

OUTRIGHT WIN FOR JOHNNY

On April 30, A.W. ("Johnny") Johnson of the Sales Department at Whittle Road, playing at the Royal Norwich Golf Club, qualified for the Area Finals of the Ford Amateur Golf Tournament 1977. Johnny's net 68 for the course was four under par and left him the outright winner but cost him two strokes, thus reducing his handicap from eight to six.

He now goes forward to the next round, to be played at the famous Gog and Magog course at Cambridge, in the Eastern Area Finals on September 1.

If Johnny is placed either first or second in these finals, he enters the National Finals to be played on the beautiful Son Vida course in Majorca in November. We wish him well!



● Please contact your steward for participation in the sports events. GPO extensions are given here.

General enquiries to the following:

Chelmsford — Gala 77 Secretary, P.H.E. Champion, 0245 67111, Ext. 2914
Gateshead — Mrs. A. Taylor, 0632 69 2501, Ext. 214
Leicester — Mrs. V. Cooper, 0533 871331, Ext. 46

Who to contact

SQUASH

Chelmsford — R. Holloway, Whittle Rd — 2248
Gateshead — N. McOnie, Gateshead Wks — 352
Leicester — J. Milne, New Parks — 348

GOLF (Played Friday 24th June)

Chelmsford — J. Johnson, Whittle Rd — 2903
Gateshead — A. B. Gibson, Gateshead Wks — 364
Leicester — P. Pilgrim, New Parks — 209

RIFLE/PISTOL SHOOTING

Chelmsford — C. J. Arnold, Great Baddow — 722
Gateshead — O. McClurry, Gateshead Wks — 205
Leicester — E. J. Lomas, New Parks — 71

TENNIS

Chelmsford — A. Thorogood, Whittle Rd — 2067
Gateshead — Mrs. A. Taylor, Gateshead Wks — 214

HOCKEY

Chelmsford — D. J. Thom, Whittle Rd — 2327
Leicester — P. J. Coakley, New Parks — 82

FIVE-A-SIDE FOOTBALL

Chelmsford — A. Hare, Whittle Road — 2354
Gateshead — E. Pearson, Gateshead Wks — 383
Leicester — L. Woodward, New Parks — 387

BOWLS

Chelmsford — D. Mulberry, Whittle Road — 2662
Gateshead — G. Harrison, Gateshead Wks — 250

DARTS

Chelmsford — B. Henderson, Whittle Rd — 2678
Gateshead — Mrs. Snowball, Gateshead Wks — 222
Leicester — B. Johnson, New Parks — 380

TABLE TENNIS

Chelmsford — K. Martin, Whittle Rd. — 2969
Gateshead — P. Romain, Gateshead Wks — 271
Leicester — M. J. Ward, New Parks — 49

SNOOKER/BILLIARDS

Chelmsford — G. Taylor, Whittle Rd — 2696
Leicester — G. Tomlinson, Blackbird Rd — 12

TUG O' WAR

Chelmsford — P. Maher, Whittle Rd — 2106
Gateshead — J. Taylor, Gateshead Wks — 214