

N.E. MARTIN

Marconi

companies and their people



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Marconi

An 'English Electric' Company

The Marconi Companies and Their People

Editor: L. W. B. Miller, M.A.I.E.
Assistant Editor: Mrs. Elizabeth Ward
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THE QUEEN'S AWARD
TO INDUSTRY 1966

The spearhead

To strengthen the Marconi attack on expanding markets in the Philippines a new company has been formed: Marconi Philippines Incorporated.

It is estimated that over £10 million will be spent on capital electronics in the Philippines in the next five years and there will be competition for the important contracts which will be placed for television broadcasting, communications and aviation equipment.

The President of the new Company is Sr. Reuben Ramirez and the Vice-President is Sr. Francisco Ortigas, Jr. The Marconi Technical Representative of the area, Frank Cassidy, will act as an Executive Vice-President.

Marconi on display

The biggest European electronics show of the year was the I.E.A. Exhibition at Olympia, and there, under the umbrella of electronics in 'English Electric', the Marconi Company, English-Electric-Leo-Marconi Computers, Marconi Instruments of St. Albans and W. H. Sanders of Stevenage shared with the parent company the biggest stand of the show. The Marconi Company had a major display of microelectronic components. Closed circuit television was in operation illustrating its use in industry, and there were specialized components including high-speed transistorized switches which can replace telegraph relays.

Marconi Instruments had over forty units on display and W. H. Sanders had a range of precision coaxial devices and microwave instruments.

RIGHT: Part of the M.I. area on the Olympia stand with the display of signal generators, attenuators, response analysers, volt meters, counters and frequency meters, power meters and impedance bridges

LEFT: Industry of another kind. These are fishing rafts with tip nets which are a feature of sheltered coves and rivers of the Philippines. A new company has been formed for business in the Philippines. See The Spearhead

Front cover

A giant 80-ft. crane swings the final 'petals' on to the Apollo dish as the satellite earth communication station designed and built by Space Communications Division nears completion at Rivenhall. After tests it was dismantled and is now aboard a specially chartered freighter ready for shipment to Ascension Island. The system had totalled more than 200 tons of equipment, the greater part of which was shipped earlier in the year. (See Apollo Men Set Up Record With Space Shot System)

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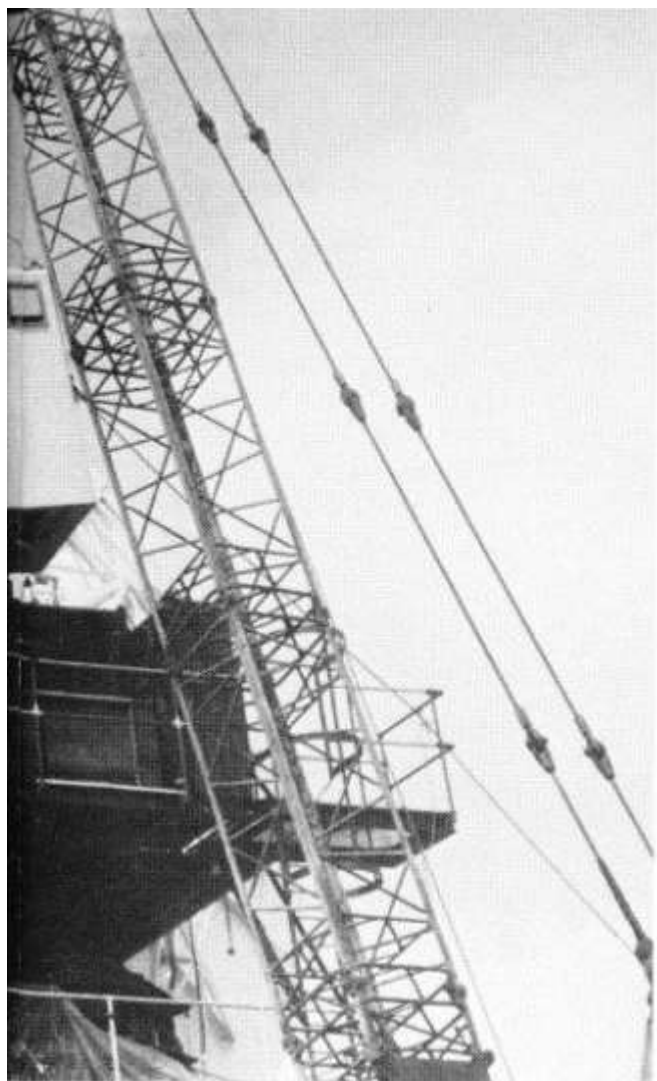
APOLLO MEN SET UP SHOT SYSTEM

In conditions which were a far cry from those in which it will be re-erected on Ascension Island, Marconi's contribution to the space-age race to the moon—the Apollo complex—was recently erected at Rivenhall and all trials successfully completed before it was dismantled for shipment. It is now being loaded on to a specially chartered freighter at Felixstowe, preparatory to sailing next week.

With this satellite earth communication station,

LEFT: A giant 80-ft. crane specially imported to erect the dish and system, swings into action to lift the power supply cabin to the platform on which it operates behind the dish

RIGHT: During the assembly procedures Brian Marjoran operates the control of the elevation turning gear



LEFT: The transmitter cabin, which was equipped and fitted in Building 46 at New Street, being hoisted into position behind the dish by riggers and engineers

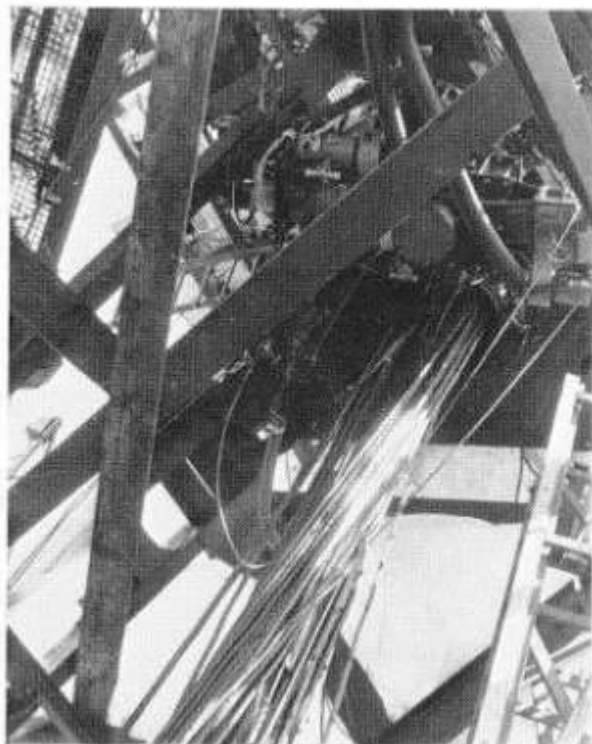
built for Cable and Wireless, Marconi's have provided the British interest in America's Apollo man-on-the-moon programme which has now been brought forward to 1969. The station, designed and built by the Company, will communicate with the Goddard Space Flight Centre in Maryland via the Andover Earth station in Maine, through a synchronous satellite similar to Early Bird. It is one of a chain of six ground and shipborne stations, another being the high-frequency communications station at Bermuda also carrying Marconi equipment which will link one of the Apollo ships, normally located some 1,000 miles south of the islands, and Goddard.

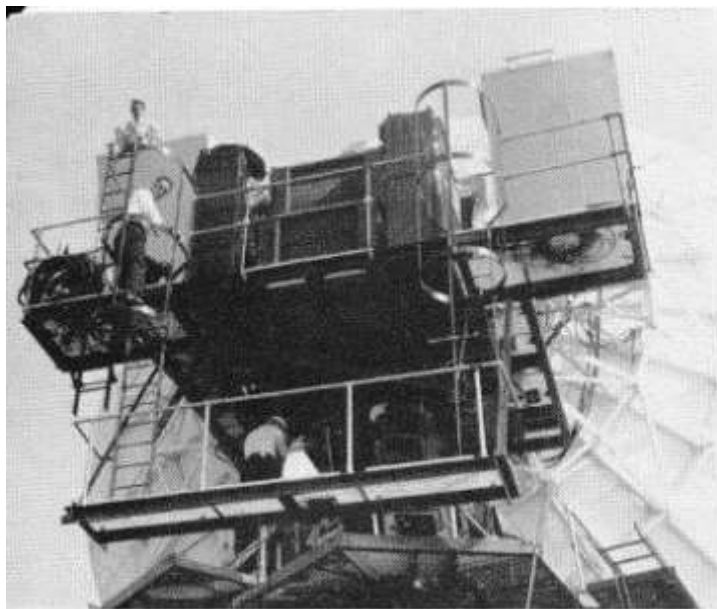
Manager of Space Communications Division, W. J. Quill had only one comment to make on the Apollo project within the Company: 'The speed of production in relation to the complexity of the project was probably the fastest ever in the Company.' In other words this was a record for Marconi's as well as 'English Electric' who were responsible for making the aerial.

This was not a record easily attained. Work started as soon as the Company won the contract last November. And from that moment the team

BELOW: As the operation continues some of the complex of 150 cables are taken up the mount to the aerial

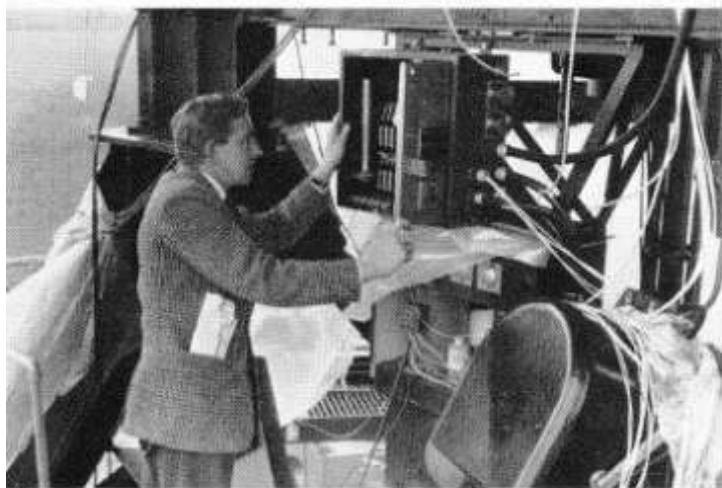
RECORD WITH SPACE





ABOVE: Senior engineer responsible for the erection of the aerial, Peter Bowkett, perches on the top of the structure above Tony Slocombe who was in charge of transmitters.

BELOW: Site engineer on Ascension, Don Reed was on the spot when the complex was set up at Rivenhall. BOTTOM: Manager of Space Communications Division, W. J. Quill chats with the men at Rivenhall



worked to uphold the high reputation for knowledge and experience which had gained this highly competitive work for Marconi's. Ultimate reliability was essential and the men worked with concise speed to meet the tight schedule.

In February and early May heavy items such as the gantry and mount for the 42-ft. dish aerial were shipped to Ascension Island.

During the latter part of April and the beginning of May, riggers and engineers fought against 40 m.p.h. gusty winds and found themselves repeatedly driven back to earth from their perches on the dish aerial which was gantried to a height of

RIGHT: Eighty-foot high, the giant crane towers over the 42-ft. steerable, parabolic aerial erected at Rivenhall during a 40 m.p.h. gale which repeatedly forced men down from the rigging

BELOW: Skid-lidded for safety, John Brand and John Chaplin take a breather in between jobs on the elevation platform. BOTTOM: An on-the-site conference for Ray Corduff, assistant site engineer, I. T. Butler, Apollo Project Manager, and Dick Muir

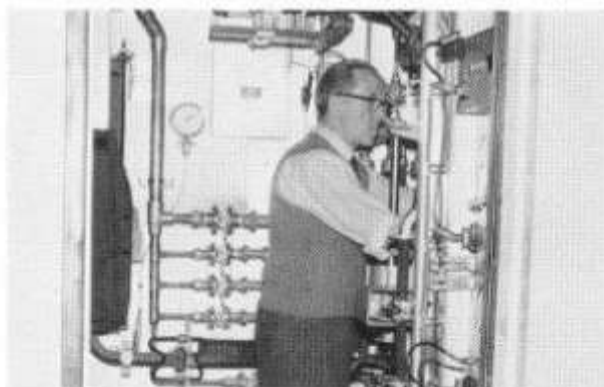






Almost complete. The aerial on its mounting showing the feed horn, and the rotating sub-reflector held by the tripod fixture. The transmitter moves with the aerial

BELOW LEFT: Working on the final fitting of the transmitter cabin in Building 46, New Street, is Bert Pegram, of Development Workshop, Building 29



Working in a 40 m.p.h. wind with a sprinkling of sleet and hail, the Rivenhall riggers hoist the 'petals' for the aerial. A steady rope is held by Brian Marjoram

50 ft. They battled against sleet and rain, but always made up for lost time and kept to the schedule.

On the island Marconi's are providing full supporting services for the station, including resident engineers for an agreed period after hand-over, training of Cable and Wireless staff on the equipment for two months. Marconi personnel on the island will finally total twenty-nine engineers and supporting staff, the bulk of whom will remain on Ascension for about six weeks—during the critical installation and hand-over stage.

The Ascension Island station is one of a chain in the Pacific and Atlantic providing world-wide communication coverage for the U.S. moon-shot programme. Another of these stations is on Bermuda, where Radio Communications Division is installing five 30 kW HF transmitters, Type H1200, with associated driving systems and aerial commutation. Three installation engineers have been on the site, assisted by Cable and Wireless staff, since the beginning of March.

The transmitters are sited on the island, near St. Georges, and three automatically tuned H2102 double diversity independent side-band receivers are being installed near Devonshire. These installations are to schedule and the completion date, with all systems operative, is timed for 1 August.

A mechanical engineer working for Space Communications Division, David Oliver works on the sub-reflector mounting just before it is hauled into position by the crane





The old Gaiety Theatre as Miss Claire Robinson knew it as a young girl. Shortly after this photograph was taken part of the building was taken over by The Wireless Telegraph Company, and she worked as a typist with an office on one of the balconies [Hulton Picture Library]

One of the Gaiety girls

When she joined the Marconi Company in 1918, Miss Claire Robinson became a 'gaiety girl'—that is she became one of the band of girls working at Marconi House, the former Gaiety Theatre Restaurant in the Strand which at that time still had all the trappings connected with the music hall.

As a seventeen-year-old typist in the Accounts Section for the then Wireless Telegraph Company and the International Marine Company, Miss Robinson was thrilled with her unusual working surroundings, particularly with her office on one of the balconies overlooking the former ballroom. When she left the Company in May after a total of forty-eight years' service, one of the records for women working in the Company, she was secretary to G. A. Isted, Chief of Propagation Group, Baddow.

She remained at the old theatre until 1934 when she was put in charge of typists dealing with the Wireless Company's accounts only and was transferred to Elletra House on The Embankment. In 1939 at the outbreak of war she was one of the Company's London employees who were 'evacuated' to Chelmsford.

It was in 1957 that Miss Robinson first went to Baddow, working initially in the high voltage laboratories. She became Mr. Isted's secretary three years ago.

Though it is some years since Miss Robinson left Marconi House in The Strand, she has never entirely severed her connections with her early colleagues. Each year a group of the women employed at the old Gaiety Theatre meet for lunch and a visit to a show.



The duelling pistols shown at the I.E.A. Exhibition as a symbol of the M.I. challenge on specification, design, performance and value for money. Dating from 1850-60, French, and worth about £400, the pistols are the property of R. J. Lovell, of the M.I. advertising agents, Lovell and Rupert Curtis Ltd.

MARCONI INSTRUMENTS, CHALLENGE

When Sir Gordon Radley, M.I. Director, was speaking at a press conference to show the M.I. range of oscilloscopes to technical journalists some little while ago, he used a phrase to the effect that 'On specification, design, performance and value for money, Marconi instruments challenge comparison with any in the world.'

This slogan caught the imagination, and for some time it has been used in M.I. advertising and publicity material with the symbol of a duelling pistol.

The pistol has become known as an M.I. theme, especially abroad, and pistol tie-clips have been given to customers at overseas exhibitions and at the I.E.A. Exhibition. A popular way of creating interest in the truth of the slogan.

Challenge— for the use of

When a handsome pair of duelling pistols was lent by R. J. Lovell, of the M.I. advertising agents, to be shown at the I.E.A. Exhibition we looked around for someone to tell us more about them. Among M.I. people there is at least one expert on most things!

Allan Luskow, Engineering Project Leader, does not regard himself as an expert on duelling pistols but he is a considerable authority on the modern equivalent, and he is this year's pistol champion of the Welwyn Garden Rifle and Pistol Club.

The rifling, unusual in old pistols, the modern type percussion caps, the powder horn and the various pieces of other equipment interested Alan as did the gimlet for freeing the pistol should it become balled up.

His own pistol, a modern American small-bore with the magazine in the handle, is a very different piece of equipment. If it had a revolving breech it would, of course, be a revolver instead of a pistol.

While most of us more or less tend to accept the western films shown on TV, Allan wonders how they manage to hit their man, for a penny at twenty yards, the normal distance of a target, appears to be about $\frac{1}{8}$ -inch across.

Once-a-week indoor practice and periodic shooting at Bisley, keeps Allan's eye in, and although challenge from the thirty members of the club is keen he hopes to retain the cup for another year.

Honour for M.I. people

At the A.G.M. of the Society of X-ray Technology (South of England Branch), the new chairman elected was Robert Sinclair, U.K. Sales Manager, M.I. Image Intensifiers, and the new secretary Jack Lewis, M.I. technical representative. This branch of the Society consists of about 200 hospital technicians and people in the medical electronics industry. One job of the new chairman and secretary will be to arouse interest in technical meetings, most of which will be held in hospitals.

M.I. apprentice meeting

The retiring chairman, Ronald Howe, was able to announce at the annual general meeting of the M.I. Apprentice Association that they had enjoyed a very successful year. The committee, which had been in office for fifteen months, had accomplished a great deal. The Tool Club and Apprentice Store were usefully carrying out their jobs.

Five dances had been organized and, in spite of a loss when a nationally known group were engaged, a healthy profit had been made over the year.

If members have any suggestions for future visits to other firms, social events, the committee will be only too pleased to hear them.

The committee is now: George Parnell, chairman; John Arthur, general secretary; Arthur Bartram, treasurer and vice-chairman; Richard Penn, tool club secretary; Derek Matthews, stores secretary; Alan Upson, minute secretary; and John Fursman, social secretary.

Instrument exports

FRANCE: M.I. now has its own branch office in France, situated in Paris. There has been an encouraging increase in the business gained, and the first orders have been received for White Noise Test Sets from the Post and Telecommunications Department.



As a contrast, here is the modern pistol belonging to Allan Luskow, M.I. Engineering Project Leader, with the cup he won as pistol champion of the Welwyn Garden Rifle and Pistol Club



A visit to Sanders

Having a look at Flexaguide at W. H. Sanders' Stevenage factory is Walter Tevers of S.A.I.T., the W. H. Sanders agent in Belgium. With him here is Elsa Brandl, secretary to S. G. Spooner, Executive Director. Flexaguide, a flexible waveguide, is made at Stevenage



The new air traffic control tower at Kuwait International Airport now nearing completion

Kuwait's new airport



The S264 radar has been installed at Kuwait's new International Airport and is now being used to control aircraft arrivals and departures. This is the completion of phase I of the Marconi air traffic control system there.

At the end of the flight trials, the Minister of Public Works inaugurated the system by setting the radar aerial in motion and took great interest in the operation of the system, for it is the Kuwait Government's policy that the airport should be fully equipped for the safe handling of all types of aircraft.

The Marconi flight calibration team, 'Mac' McKenzie and Alan Cheeswright of Systems Group, Radar Division, with Neville Vincent of Mathematics Group, Baddow, flew out in a Viscount specially chartered from B.U.A. for the trials.

This machine flew eight hours a day, and it took

Setting out on analysis tests of the airport area. Left to right, Alan Cheeswright, Systems Group, Radar Division; Neville Vincent, Mathematics Group, Baddow; and Dougie Howlett, of Installation Group, Radar Division



A VC10 taking off from Kuwait Airport. The concrete strip runs out into the vast desert

a fortnight to fly on all the necessary approach bearings and to complete the tests for the data picture of the radar coverage.

While flying was in progress a film was made of the display so that one exposure was made during each revolution of the timebase as it passed through the aircraft.

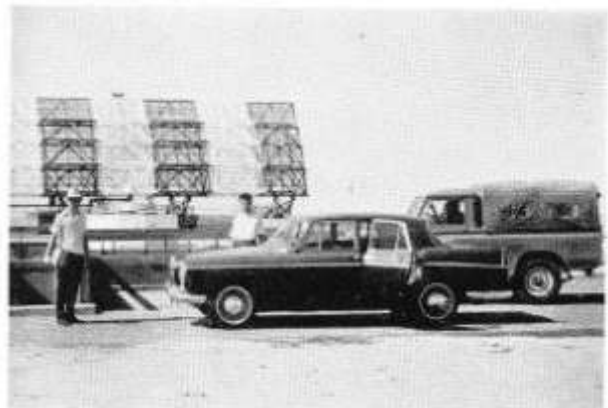
All the preparatory work for these trials had been done by Ken Smith, Supervisor, of M. F. Burrage's installation team.

The trials team also carried out a soil analysis of the area, for the concentration of the surveillance radar beam is affected by the reflective properties

of the soil, and this test will assist the accurate prediction of radar performance.

Derek Oswald is now the resident Marconi engineer. He will maintain the radar equipment for a year and train the Kuwaiti technicians.

At present the S264 surveillance radar is working to a moving coil display system in the original airport control tower. When phase 2 of the project is complete the new tower will come into operation with the surveillance radar, the height finder, the fixed coil display, together with the automatic direction finding equipment and the instrument landing system.



The S264 aerial and the entrance to the transmitter room. On the left is Neville Vincent, with Alan Cheesewright and Marconi transport [Four photos by W. E. McKenzie]

LEFT: The Minister of Public Works, Mr. Khaled Issa Al Saleh drove out to the surveillance aerial beyond the runway to inaugurate the system and set it in operation. Here he is, centre, with dark galibia, watching the aerial rotating after going down to the transmitter room beneath it



Filling the liquid jig before making dielectric measurements on oil. Ken Sheed, standards engineer, uses the M.I. TF 70AC dielectric loss test jig

TO A HIGHER STANDARD

In the centre of London, in Trafalgar Square, there is a copy of the standard yard, an ultimate check for length to which reference can readily be made. In the same way, in the centre of the Marconi Instruments Works is the new Measurement Standards Laboratory which not only contains sources of reference traceable to relevant national standards but feeds frequency standards widely throughout the Works.

In a company that designs and makes instruments of a high accuracy it has always been necessary to have a standards room, but, as more instruments are

made to closer limits, the room and the facilities have grown more comprehensive.

The latest Standards Laboratory occupies 1,500 square feet of clean air area. Although the entry restrictions here are not as great as in the adjoining Thin Film Laboratory the air is changed twenty-four times an hour, making a virtually dust-free atmosphere. It consists of easy-to-keep-clean walls, ceilings, floors and the benches are of plasticized teak. The walls contain as many windows as possible to enable visitors to see in and the staff to avoid a feeling of claustrophobia. Part of the laboratory is screened so that tests can be made without electrical interference from outside sources. All the electrical supplies are regulated and include 60 c/s, 500 c/s and low voltage d.c.

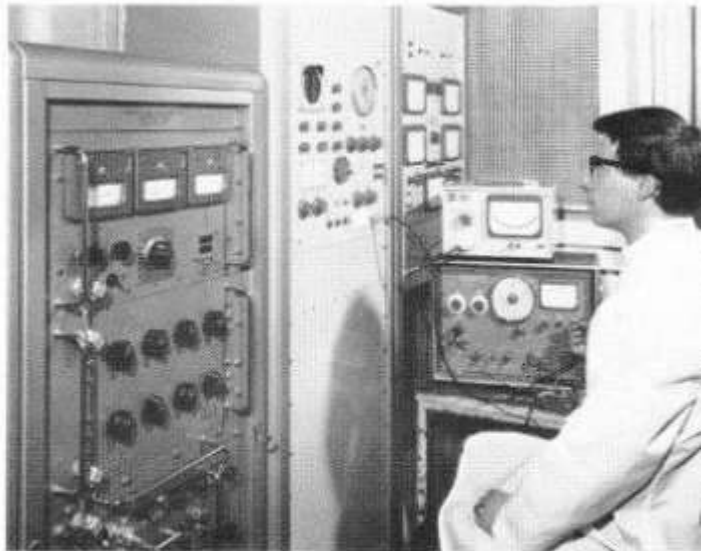
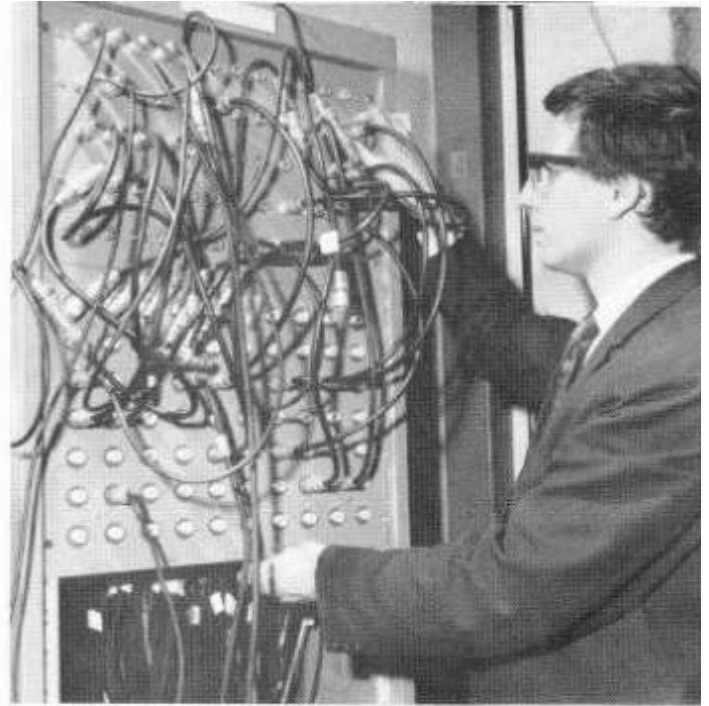
The job of the standards engineers is to supply and maintain all electrical standards for the calibra-

tion of the M.I. Works test gear. Much of the equipment used is made in the works and checked by the National Physical Laboratory which is part of the Ministry of Technology. A standard can be supplied for voltage, resistance, capacitance, inductance, r.f. power, and any other electrical parameter. Frequency standards are obtained from the special transmissions made by the General Post Office. These frequency standards are distributed to boards in the Works and thence sub-divide to engineering laboratories and many positions throughout Production. A telephone call to the Standards Laboratory, a possible small adjustment to one of the boards and the desired frequency is available at your bench.

Two branch offices of the Standards Laboratory, in the Assembly Test Building, where frequency and several other standards are available, are the Production Calibration Laboratory, used for routine production checks, and the Development Laboratory in which new equipment is made to set even higher standards for the future.

TOP RIGHT: An adjustment to one of the distributor boards will enable a particular frequency to be fed to a particular bench perhaps 200 yards away

RIGHT: Another corner of the M.I. Standards Laboratory. Bill Baxter, special trainee, checking a secondary standard capacitor for use in the Production Calibration Laboratory.



In the screened room, Brian Murphy checking the f.m. accuracy of a signal generator TF 995A/2M on standard f.m. measuring equipment made in the department for its own use

LEFT: Brian Murphy, the senior measurement standards engineer, adjusting a double stub tuner for accurate impedance match on an attenuator pad under test



PRINCE PHILIP SEES THE APOLLO STATION

Prince Philip came to Rivenhall to see the British satellite communications station which will operate in America's Man-on-the-Moon project. This station has been built by Marconi for Cable and Wireless and will be set up in Ascension.

He talked about the construction and operation of the system with our engineers in the control room, and then climbed up to the aerial to see the transmitters, receivers and equipment developed specially for this type of project.



RIGHT: Prince Philip arrived by helicopter at Rivenhall to see the Apollo station built by Marconi Space Communications Division. Here he is with Sir John Ruggles-Beise, Lord Lieutenant of Essex.

BELOW RIGHT: Prince Philip met executives of Cable and Wireless Ltd. and the Marconi Company. I. T. Butler, Project Manager, left, explained the system. On the right are Lord Nelson of Stafford, Chairman of 'English Electric', and Dr. T. W. Straker, General Manager, Telecommunications, the Marconi Company.

BELOW: Prince Philip walked across to the lunch tent with F. N. Sutherland, Chairman of the Marconi Company, and Lord Nelson.

BELOW LEFT: The Prince talking with R. Telford, Managing Director of the Marconi Company. From left to right are: I. T. Butler of Space Communications Division, Project Manager of Apollo; W. J. Morcom, Chief Engineer, Telecommunications; Dr. T. W. Straker, General Manager, Telecommunications, Mr. Telford; H. Madigan, Project Manager Ascension, Cable and Wireless Ltd., A. S. Pudner, Engineer-in-Chief, Cable and Wireless Ltd., R. J. Halsey, Director, and H. M. Eggers, Managing Director, Cable and Wireless Ltd.

LEFT: Prince Philip on the first platform where he was shown the azimuth turning gear and cable banding. On the elevation platform he saw the transmitters, waveguides, the heat exchangers and the massive U frame holding the aerial. Above this platform are the amplifiers which operate at 10' above absolute zero.





LEFT: *The Prince with Lord Nelson, right, talking to I. T. Butler, Apollo Project Manager. On the left is W. J. Morecom, Chief Engineer, Telecommunications*

CENTRE LEFT: *Saying goodbye to F. N. Sutherland, Chairman of the Marconi Company, and to H. H. Eggers, Managing Director of Cable and Wireless Ltd. To the right is the Lord Lieutenant of Essex, Sir John Ruggles-Brise*

BOTTOM LEFT: *Taking off. The Prince at the controls of the helicopter of the Queen's Flight in which he flew to Rivenhall*



Overseas team

Marconi Engineers will erect the station on Ascension Island and their dead line for the installation is 19 September. Working with Ian Butler, Project Manager, Don Reed, site engineer, and Ray Corduff, deputy site engineer, will be: Dougie Clements, David Oliver, Peter Bowkett, Brian Marjoram, Frank Quinn, Billy Ash, Harry Wilson, Johnnie Thomson, Cliff Barham, John Brand, Nick Cranmer, Anthony Wakeling, Barry Gannon, John Brett, Jim Selby, Steve Mullen, Cliff Hughes, Stuart Granger, George Costley, Dick Muir, Ken Walker, Alec Hall, Paul Foy, Don Rainbird.

Felling turn it out

Felling have taken a major part in Scat and Apollo projects. Here are some of the people who have worked on these 'high speed' communications contracts.

TOP TO BOTTOM, LEFT, OPPOSITE PAGE:

N. Archer of Section 15, turning out a job on a Machine Shop lathe

N. Wood, a radial arm driller of Section 15, working on the output flange assembly of an azimuth gear-box

J. Anderson, miller, of Section 15

The Big Three get together. The Superintendent of Assembly Shops, M. Walton, left, Chief of Production; G. R. McCullough; and the Superintendent of Feeder Shops, D. McOnie

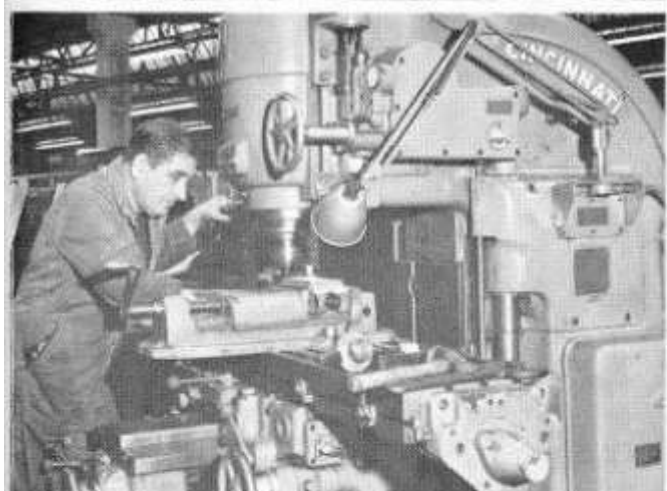
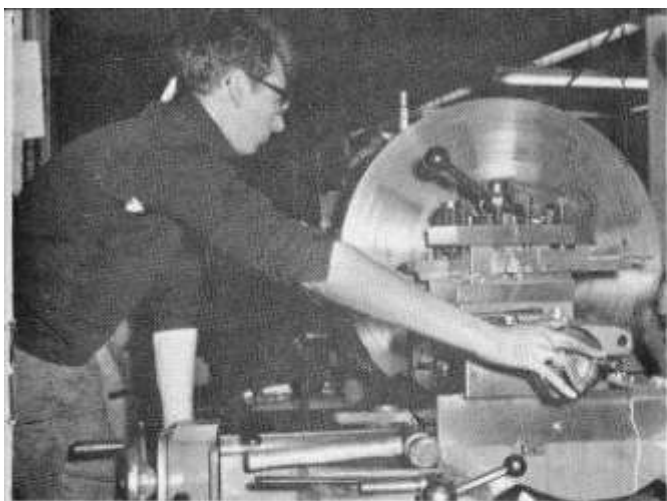
TOP TO BOTTOM, RIGHT:

Left to right, J. Foster, precision driller, Section 15; B. Jessiman, Foreman Section 15, and A. Campbell, Progress, Section 15

W. McDonald, Scat storeman, checking on some of the turnbuckles

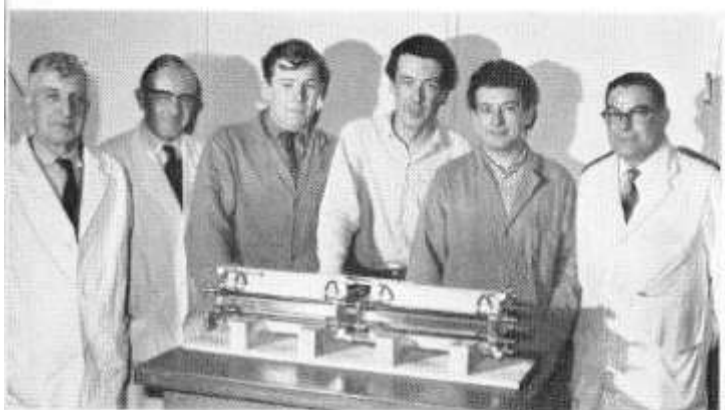
Some of the Scat clerical staff: Brenda Ivison, Linda Hodgeson, Mrs. Maureen Davidson

F. Baugh, of Section 11, working on a differential assembly





Here are engineers of Manufacturing Division who handled Scat and Apollo projects at high speed. Left to right: Jack Muir, Planning and Sub-contracts, Small Quantities Group, Widford; Arthur Evans, Chief of the Special Projects Group for Scat and Apollo; Frank Mayhew of New Street Works, Charlie Swanborough also of New Street, and Bob Barnard, Foreman, Feeder Sections, S.Q.G.



Scat and Apollo people

A harmonic filter for Apollo with New Street people concerned with making it. Left to right, Arthur Catchpole, Inspector, Ron Jones, Inspector; Peter Howe, Section 20K; Les 'Sooty' Booker, Section 08, Mills; Chris Kettle, Section 20K

People of Badlow Workshop who handled a great deal of Scat work at high pressure. Left to right, A. Snelling, Foreman, Machine Shop; P. Metson, Foreman, instrument maker; R. Ricketts, instrument maker; J. Glennie, miller; G. Fairbrass, instrument maker; R. Mann, wireman; J. White, wireman; G. Baszczak, Lathes; M. Adams, wireman; F. Fenn, Lathes (front); V. Leighton, instrument maker; A. Rogie, instrument maker; A. Punik, instrument maker; P. Fewell, miller; A. Parker, instrument maker; L. R. Davis, Foreman (Badlow Scat Manufacture)



Nearly half a century up

Herbert Lee, who joined Marconi's during the first world war, has retired after forty-nine years' service.

He was sixteen when he started work at New Street, but his link with the firm goes back further than that, for he was born near the first Marconi factory in Hall Street. As a boy he continually climbed his garden fence to play in the field by the Workshop, and was continually chased off.

He was trained as an instrument maker, became a skilled man at the age of twenty-four, and spent his long service working in the Machine and Instrument Shops.

He remembers that Jack Cave was his first foreman and recalls that in the early days work started at 6 a.m. and finished at 5.30 p.m. The Workshops at New Street, he says, have not changed their location, and he has seen them expand over an area which was once an allotment.

A father, and a grandfather, Mr. Lee says he has enjoyed every minute of his working life. His wife and brother also worked for Marconi's. Now he is looking forward to a long holiday in Bournemouth where his married daughter lives.

His colleagues presented him with a Ronson electric shaver and he received a leather wallet from the Company for long service.



Assembly on the production line before the boards go for flow soldering. Standing are chargehands Alf Kimber, left, and Jim Jewell

Clean air for Basildon Boards

The new printed board unit at Basildon, now completely redesigned and reorganized is now functioning smoothly as the most up-to-date in the Company. The unit became completely self-supporting after a decision to move away from the common process of using solder on boards to the new method involving epoxy paint. Twelve months were spent rethinking the unit, redesigning machinery and reorganizing administration—work study,



production control, methods, all aspects had to be investigated.

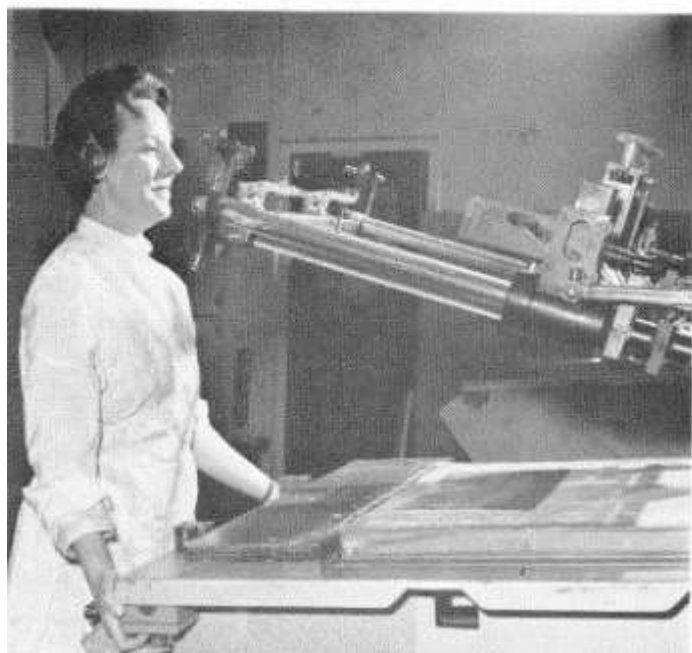
One of the many problems was the initiating of clean-air processes suitable for the new method. As a result no food or drink is allowed in any of the work areas and all refreshment is taken in a small coffee bar adjacent to the unit.

Superintendent of the printed board unit is Jack Lofthouse, who reports to Basildon Production Manager, D. W. Farthing.

LEFT: Superintendent of Basildon's new clean-air printed board unit, Jack Lofthouse, with senior works study engineer, Peter Wainman

LEFT: The newly organized administrative set-up for the unit. In the background Fred Osborne and John Hawkins on the inspection of negatives and, nearer the camera, are tool progress chaser Ernie Regan and quality control engineer Ron Richardson

BELOW: Working at the tape-making machine is Mrs. Ivy Holmes with Mrs. Eve Sprackling in the background

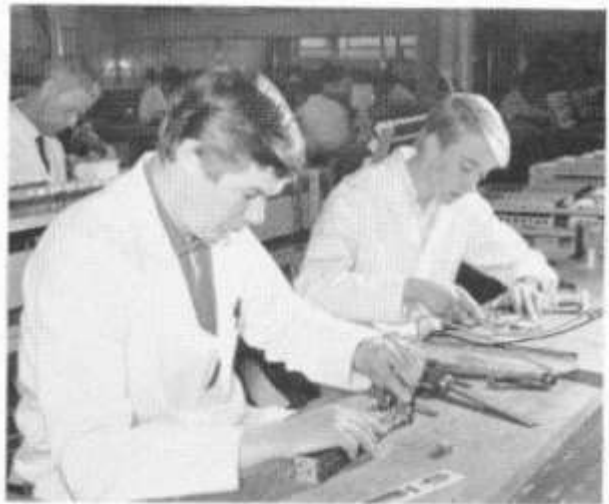


Operator Mrs. May Clarke receives instruction on assembly of a board from assembly chargehand Arth Chapman. LEFT: In the clean-air room, Mrs. Beatty Rawlinson works on the screening of the boards which print the assembly plan



The marshalling of component parts for assembly on basic boards is one of the jobs for Stores, and here are members of the staff selecting the numerous items required. Standing is chargehand Laurie Langton, with, left to right, Mrs. Anna Allbrit, Mrs. Margaret Barratt and Mrs. Elaine Hargrove, with Mrs. Molly Warr and Mrs. Ethel Collyer in the background

RIGHT: A vital stage in the manufacture is the mechanical assembly. Here at the benches are John Ross, left, and Tony Webb



Operator Len Livingstone on the flow soldering machine

RIGHT: John Beard and Joe Bish working on final inspection with Brian Steele standing in the background





A la Paris

Continental style evenings at Beehive Lane Social Club have been a tremendous success. With striped umbrellas of the boulevards and music by the Barn Trio, who add a touch of intimacy as they stroll around the tables, the right atmosphere is caught from the start.

Tomorrow night is Gala Night at the Club, when everyone is expected to round off a day of fun and excitement dancing and watching a top-line cabaret.

Happy event

A son, Andrew Trevor, weighing 7 lb. 12 oz. has arrived in the household of Trevor Paterson of the Tool Room and his wife, Patricia. Congratulations to the proud parents.

Coffee bar break

It's coffee break with a difference for the boys and girls of Basildon's Printed Board Unit. Because of the special clean-air conditions in which they work, they now have their own coffee bar adjacent to their working areas. Here all snacks and drinks are taken at the usual break times—a brief get-together which is usually very welcome.



In the swim

It's a case of the early birds getting in for a swim at Sutton Public Baths, so members of Hackbridge swimming sub-section are reminded to arrive early for club nights—Mondays and Fridays. Otherwise you can't see the water for schoolchildren.

Newcomers are very welcome.

Australia bound

Undeterred by the shipping strike, Mrs. Sheila Manley, a signwriter at Beehive Lane, is now on the high seas bound for Australia. Before sailing, her friends wished her well and gave her a suitcase, compact and writing case. These were handed over at a suitable ceremony by J. Christopher, Assembly Supervisor.

Watching the birdie

The outstation of Writtle seems to have become a homing centre for a variety of our feathered friends and this in turn has stimulated an interest in bird watching. Apart from the usual sparrows, there are also blue tit, blackbird, starling and pied wagtail nesting in odd nooks and crannies.

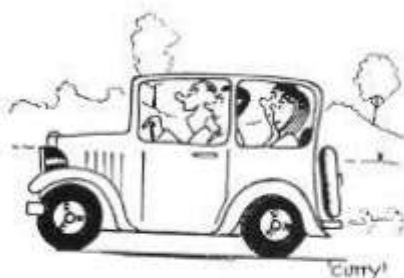
Whitsun walk

Encouraged by his friends in Order Control who acted as his sponsors and put up the money, Reg Folkard entered for the twenty-eight mile Charity Walk on Whit-Monday, which was in aid of sending a local nurse on a year's work in an under-developed country through Voluntary Service Overseas. Clad in an ordinary Fred Perry shirt, light coloured slacks and heavy brown shoes from army days, he joined the contingent of over four hundred which set out from the Corn Exchange, Chelmsford, and, despite the lack of training, a few blisters and what he considers not quite the best wearing apparel for such an occasion, finished twelfth. Suitably refreshed at the Y.M.C.A. he returned home to the luxury of a wonderful health-salt bath. Thanks are due here to the Marconi-ites who had armed him with a rather large packet in anticipation.

A surprising number of people took part—old and young alike—and they finished, too. We offer our congratulations to all Marconi people who entered for this worthwhile cause, especially Sandra Kiddie, who walked the full distance and Dorothy Cooper who managed twenty-five miles. They are both under Supervisor J. Andrews in Planning Division.

New discotheque

A 'discotheque'—not in my dictionary—is held every Friday night between 8 and 11.30 p.m. at the Groove Club in the Church Hall, Burnham-on-Crouch. This is the result of some enthusiastic endeavours by Dick De Vign and Martin Wade, of the Instrument Section, Baddow Workshop. In company with two friends at Burnham, Dick and Martin have done some tinkering and have come up with a 50 watt amplifier and plenty of the latest in Pop Music. With a nominal charge of 2s. 6d. to offset hire and preliminary expenditure, for the Burnham teenagers it's all systems go, popwise.



'I call it the vacuum cleaner because it picks up every bit of fluff.'

Outings galore

The M.A.S.C. is making quite sure that all members have ample opportunity to get out and about during the summer months by organizing a variety of outings which include theatre trips and visits to Windsor, the Royal Tournament and the International Horse Show. In the pot for the autumn is a long weekend visit to the Rhine wine festival and Blackpool illuminations. Book now—and make sure of a convivial outing.

Stork talk

Congratulations to David Hawthorne, M.I. technical illustrator, and his wife, Maureen, on the arrival of 5 lb. 8 oz. Simon David. Drawing Office School, Marconi College, please note.

Friends in need

After a ten-week course at Red Cross House, Wallington, Ethel Worsfold, Julie High, Julie Charker and Tina Hodge, all of Hackbridge, have gained certificates in first-aid.

It was hard work with a lot of concentration involved, but all four will now be able to lend a hand in times of emergency.

No change

On the same day that D. Stuckey, M.I. Production Manager, Feeder 1, stood as a candidate for St. Albans Council he took his driving test. He drove the nearly new car neatly up to the kerb at the end of the test and the floor change gear-lever came away in his hand. It had snapped off at the base and it was found that he had been driving around for some time on $\frac{1}{8}$ -inch of metal.

It was a mixture of a day. He passed his driving test, but was defeated at the poll. He increased the votes cast for his party, however, and has been asked to stand next time.

Under the gooseberry bush

Congratulations to Brian Partridge of Computer Division, and his wife, Olive, Kensal House, on the arrival of Mark Andrew who tipped the scales at 8 lb.

General factotum

Someone who knows pretty well the four corners of the Basildon factory is Susan Hoy, general factotum in the Social Club Office. She helps Les Norton, club secretary, with the running of club affairs, types minutes, circulars and notices for the boards, runs errands and helps members with their queries. Although she has only been there since January, Susan is becoming well known throughout the Works.



More Writtle nestlings

Frank Erridge of Telecommunications Group and his wife are celebrating the arrival of their second child, a son named Simon. . . Mrs. Pat Mason, who recently left the Workshop Office is now the proud mother of Angela Louise.

Concours d'élégance

Congratulations to Philip Lewis, M.I. Manufacturing Control, who has once again won the Concours d'élégance, this time at a Woburn Abbey meeting of the British Motor Cycle Federation. The trophy was presented by the Duke of Bedford. Philip, whose colleagues are particularly glad to hear of his success, keeps his Lambretta absolutely spotless, even polishing under the mudguards. He comes to work on a Moped.

M.A.A. photographic club

The Club's darkroom is in constant use with a wide range of equipment available to all members. At present it can be used either weekdays or weekends for developing and printing.

The studio, though only temporary, is equipped with a boomlight and photo-floods for those members interested in studio work. No regular meetings are held, but the studio can be booked through the Committee.

Talks and film shows are held periodically. The Club supplies all the photographs for the Apprentice Magazine. At tomorrow's Gala Day some of these photographs can be seen at the Association's tent. All enquiries should be addressed to The Secretary, M.A.A.P.C., c/o Education Office, New Street.

MY-CONI—Ice-cream or toy factory?

Impressions of a young child

Four-year-old Belinda was asked one day, 'Where does your daddy work?' and replied 'At his Coni.'—Ice-cream con? Memories of receiving treasured badge, ruler and hat-band at Basildon Open Day last September brought forth the question before her birthday. 'Daddy are you going to bring me home your presents from your Works?'—Visions of toys being made in the workshops?

Belinda is the elder daughter of Kevin Reynolds, Works Study Engineer at Basildon.

Flying in

Recent arrival at the home in Boreham of father Dave, of the D.O. Baddow, and mother Barbara, was Gerald James Scott, weighing 7 lb. 4 oz. Congratulations.

Best for Best Man

Congratulations to Ken Peacock of the Baddow Sheet Metal Shop on his marriage to Jean Aldridge of Sidecup, Kent. Brian Best, his colleague in the same section, was best man. His friends in the Workshop presented him with a stainless steel carving set. The honeymoon was in Spain.



Chair for ducking

This quiet backwater in the ancient cathedral city of Canterbury has historic associations which may cause many a shiver these days. It was here that the old ducking chair, seen in the background, was used to punish offenders of yesteryear. The scene was caught in the camera of R. H. Brough, of Aero Test Stores, Basildon.

The man from out of space

A little green man descended from his space ship and pointing to the sun he said, 'Ug-Ah-Ah-Er-Er-Ah-Ug-Er'. Then pointing to the earth he said, 'Ah-Ah-Ah'. Finally, pointing to himself and then out into space he said, 'Ug-Ug-Ug-Ug-Ug-Er'.

From which planet in the solar system did he originate and give reasons.

This was a question set by *Design Electronics* as a special prize problem at the I.E.A. Exhibition, with only one prize being offered for a correct answer and the most ingenious reason for arriving at it.

Now pocketing the £50 prize money are Alan Hibbert and Noel Tomes of Data Development Group, Writtle.

We are not telling you what they said, have a go yourself!



Planning division party

TOP TO BOTTOM

Having a good time at the Planning Division party held at the M.A.S.C. at the request of everyone who enjoyed the gathering at Christmas. The next one will be in January

What fun we're having! Enjoyment at the Planning Division party. Party people here are, standing, Mrs. Sally Gurney, Computer Division, Baddow; left to right, Jack Donald, Engraving Section; Lex Gurney, Chargehand, Section 36; Wm. Wood, guest; Derek Galley, Chargehand, Section 16, and Mrs. Peggy Galley

Another happy group of party-goers



HACKBRIDGE HIGHLIGHTS

Social club

At the first full committee meeting since the A.G.M. Doris Halford, Staff General Office, was elected honorary secretary. Doris is very interested in social functions and the promotion of events which bring people together after working hours.

She is an amateur cabaret artiste and entertains at social functions under the name of Doreen Lewis; with a lady partner at the piano she presents song and comedy acts. Members and their families had an opportunity to see her themselves at a social evening the club had recently.

It is hoped that as a result of the evening people with talent will join the Marconi (Hackbridge) Revue now being formed with the view to putting on a show later in the year.

Another new venture which Doris planned was Sunday's country ramble, starting from Box Hill near Dorking and making for Ranmore Common, with a hostelry lunch *en route*.



Photographic section

It has been agreed between the Social Club and interested members of the Photographic Section that the Section should, in future, be financially self-supporting. Subscriptions are now two shillings a month and members are included in the circulation of a number of photographic magazines.

Members also have access to a projector for either 35 mm. or 2½ in. × 2¼ in. slides, together with a screen, an enlarger, and a print drier. Fees for the loan of these are projector (1s. per night), screen (6d.), enlarger (1s.), and drier (6d.).

Week-end loans from Friday p.m. to Monday a.m. count as two nights. The Section also has an annual slide competition and occasional practical sessions are conducted at the Club Room.

The Section Secretary, Walter Cook, Chief Estimator, Hackbridge, welcomes new members—experts or novices.



**WITH
BEST
WISHES...**



LEFT: A set of garden tools in anticipation of some hard labour was presented to Graham Bright by A. B. Amos, Assistant Group Chief of the Test Engineering Development Group, on behalf of his friends when he married. RIGHT: Forty years after commencing in the Accounts Department L. S. Rowland has happy days ahead using the camera and projector given to him on his retirement by his many friends. D. F. Bishop, Chief Accountant, right, made the presentation



LEFT: On the occasion of his retirement, Walter Cooper was presented with binoculars and a cheque by F. M. Tricker, Group Engineering Controller, on behalf of his many friends in S Group, Widford. Also in the photograph are Len Woodward, left front, and Tom Stubbings, centre, who together with Walter have completed 119 years with the Company. RIGHT: Days of leisure ahead for Mrs. Vi Chamberlaine who has retired from Stores. A clock given to her to mark the occasion, was presented by Stores Controller A. L. Webb



LEFT: On his retirement after nearly fifty-two years with the Company A. W. Rugman, of Radar Accounts, was presented with a cheque and portable radio on behalf of his many friends by J. W. Sutherland, manager of the division. CENTRE: When Bill Bailey of Supplies Progress left the Company after sixteen years, his friends gave him a Parker pen and pencil set. K. Diffin, Supervisor, left, made the presentation. RIGHT: Retiring after thirty years with the Company, George Sanderson's friends in the Sheetmetal Section, Waterhouse Lane, gave him a battery-operated clock. The presentation was made by Superintendent G. R. Raven, left



LEFT: Harry Birchard, here being presented with a cheque by A. L. Webb, Stores Controller, before journeying to the other side of the world—destination, Australia. CENTRE: A wedding in Customer Service Department at Basildon, and Michael Hawten's friends gave him a dinner service, presented on their behalf by D. R. McKeggie, Service Controller [G. Hoare]. RIGHT: A weekend case, travelling clock and charm for her bracelet for Susan Eales from her friends in Order Planning when she left the Company. J. Andrews, Chief of the Section, made the presentation



LEFT: To mark the occasion of his recent retirement after twenty-six years, Patrolman Bernard Shaughnessy was given a cheque. This was presented on behalf of his colleagues by K. W. Piper, House Superintendent. CENTRE: Machine Shop colleagues gather round as Herbert Lee is presented with a Ronson electric shaver. Mr. Lee, an instrument maker, had been with Marconi for forty-nine years. Making the presentation is Mr. E. W. Gower, Senior Foreman of the Machine Shop. RIGHT: Bon voyage to Mrs. Janet Morgan, off to start a new life in New Zealand. Her friends in Printed Boards Section at Beehive Lane, gave her a travelling clock, compact and cruel set, handed over by the Supervisor of the Section, S. Allsop



LEFT: Off to work on his own account is Ken Hanson, M.I. Sub-Contracts, so his friends gave him a voucher for golfing equipment which was presented by colleague P. Milbourn, left. CENTRE: Farewell to Mrs. Mary Smythe, who is moving from the district. She was secretary to P. E. Dyson, M.I. Assembly Test Production Manager, who, on behalf of her friends, presented her with a standard lamp and other gifts. RIGHT: A lovely bunch of flowers and baby things for Mrs. Susan Millar, Group 831, when she left M.I. after six years. On behalf of her friends, John Constable, section leader, made the presentation



ST. ALBANS

Table tennis

After completing a very successful season, the Table Tennis Section played off the semi-finals and finals of their Works Knockout Tournament. Some very entertaining table tennis was played and it was a very enjoyable evening.

The men's singles final was won by R. Vetharianiam, who defeated last year's champion, D. Basu, 21-13, 21-18, 19-21, 21-17. This game was the best of the evening with both players pulling off

The Table Tennis Section would like to thank Mr. and Mrs. Brian, C. W. Lane and W. Walker for coming along and giving us their support, also H. Squires for providing us with an excellent tea and B. Riley, who kindly clears the canteen for us.

Although the season has officially ended we hope to be having some friendly fixtures during the close season. Club evenings will still be on a Tuesday at 6 p.m. in the canteen.

Any person who is interested in an evening's pleasant exercise is welcome to come along. R.W.

To see the tulips

On a recent Sunday the M.I. Horticultural Society organised a trip to Spalding. Despite a very cold, wet and windy day eighty-five members and friends filled two coaches.

The main attraction at Spalding was the decorated floats which were on view from the previous day's carnival and these were really magnificent.

The party was then taken to Springfield, Lincolnshire, which is equivalent



A pleasant sunny afternoon and ready for the fray are the opening pair of M.I. batsmen Sid Beck and Rodney Seabrook

Hawker-Siddeley, 71 runs (J. Brookes 4-31), lost to M.I. 72 runs for seven wickets (Cook 16, Jones 15).

Great Gaddesdon 47 runs (Beach 5-21, Laskey 4-18), lost to M.I. 48 runs for seven wickets (Laskey 19).

The team went all the way to Southend to play the Monarchs and lost by 6 runs. Alec Beach, however, had a good day with three wickets for 3 runs, and scored 31 runs. Monarch 83, M.I. 77.

Just to bring the average up M.I. won by five wickets when they played Brooke Bond, who scored 16 (Laskey seven wickets for 4 runs). M.I. 17-5.

Although the team has had some notable defeats, by 77 runs against Bragbury End for instance, the friendly atmosphere is maintained in the club. The team has been suffering from injuries and players on holiday, but now we are back to full strength and keenly looking forward to defending the J.A.L. trophy.

R.S.



Winners and runners-up of the M.I. table tennis Works knockout tournament after the presentation of the trophies

some great shots and some grand rallies which had everyone sitting on the edge of their seats right up to the last point.

The consolation singles final was won by S. Beck, who defeated R. Kennedy 21-15, 21-4. The handicap singles final was won by R. Wells (-4), who defeated R. Vetharianiam (-9) 21-10, 19-21, 21-16. The men's doubles final was won by S. Rajan and R. Vetharianiam, who defeated R. Wells and S. Beck 19-21, 21-16, 21-19.

The trophies and medals were presented by Mrs. Brian, the wife of W. A. G. Brian, M.I. Secretary/Accountant. After the presentation a bouquet was presented to Mrs. Brian by Susan Wells.

to the Dutch Keukenhof Park. Unfortunately, it was raining and blowing so hard that most people only went into the massive greenhouses to see the tulips. The full beauty of this magnificent park could not be appreciated.

On our way home we had a short break for refreshment at Whaddon where mine host of the 'Waggon and Horses' was Jack Hunt, a former member of the Society from the Service Division, who made us very welcome. H.B.

Cricket

M.I. started the season poorly compared with last year, playing eight matches, of which we won three, lost five, with one cancelled through bad weather.



'Mr. Blogg! you're the last person I expected to see!'



What more could a man want—the Aubrey Cup, a warm bath and champagne. Secretary Jack Sears joins his team



Dirty but delighted, the M.I. first eleven with the Aubrey Cup which they have just won

Farewell football

'One of the best finals seen at the St. Albans City Ground since the war,' was the verdict of a City official when M.I. played North Mymms in the Herts Aubrey cup final.

This was a match played in continuous rain, but cheered on by 600 supporters both teams produced good football. North Mymms scored first from a free kick but within five minutes M.I. captain and a county wing-half, Geoff Runchman, had equalized. With four minutes to go Peter Waite scored the winning goal. Congratulations to North Mymms for a clean sporting game.

1965-66 has been a mixed year for M.I., with a bad start, but a brilliant finish, with the reserves maintaining first

division football. A very satisfied face at the final was club coach Ron Henry, who has helped the club to success. Ron is now on a five-week tour of North and South America with Spurs.

The climax to the season came when the club held its dinner and dance, with the cup taking pride of place. W. Walker, chairman of the Sports Club, presented the plaques to the players and over 300 people joined in the celebrations.

The club wishes to thank all who supported the teams through the medium of the pontoon and last but not least Jack Sears, George Clabon and George Walker, who run on a shoe-string committee, and B. Harrison, the groundsman, for all his work. Let's make the club even greater next season when new committee members and players will be welcome.

G.W.

M.I.C.E. activities

The MICE, temporarily leaving their cine cameras, have been at the typewriter and produced the first edition of a newsletter. It is an interesting and ambitious magazine of thirteen pages containing comment on the technique of film making, plans for the future, letters, personality paragraphs and announcements.

The M.I. cine enthusiasts main project for this year is the making of film about St. Albans. Members have been split into seven groups, each with their own responsibility, and some practical work has already been carried out on this useful venture.



CHELMSFORD

Roaring success

Voted the best night ever, the combined darts, billiards and snooker prize-giving and presentation evening went with a swing from beginning to end. The show was good, drinks good and refreshments good: what more can anyone ask.

A sad note has to be introduced here: unless an honorary secretary can be found for the Darts Section for the coming season, it may have to fold up. Nobody wants this popular section to die, so how about it, someone?

Proud holders of the Charlesworth Shield for the Premier Snooker Division Championship is Bauldow 'A'. Here is their captain, Alud Owen, with the shield, presented by D. S. Redhead. This shield, presented in 1925, was first won by Works Orders





The winning darts team, Section 16, enjoying a bite to eat



Individual darts, billiards and snooker champions with D. S. Redhead, right. Left to right: Bob Anderson, darts; Johnny Waskett, snooker; and Frank Gresty, billiards

BELOW LEFT: League winners and runners-up in the knock-out darts tournament were Section 16, and here, captain Rue Davey, proudly holds the trophy. CENTRE: Winner of the domino league, played within Section 16, was Percy Holland. RIGHT: Captain Tom Bailey, E.E.V. Maldon, with the knock-out darts trophy

Table tennis

During the 1965-66 season, the M.A.S.C. Table Tennis Section entered two teams in the Chelmsford and District Table Tennis League.

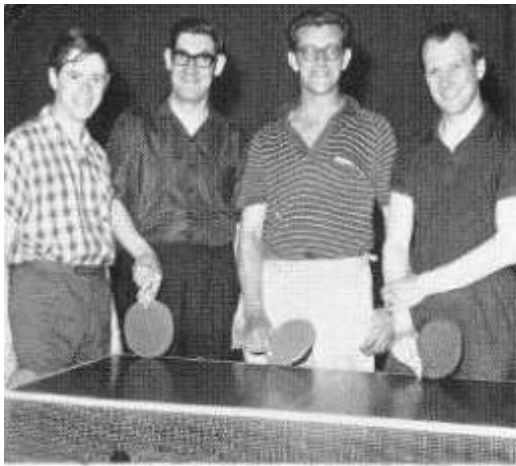
The 'A' team, relegated from Division 1 the previous season, did well to become runners-up in Division 2 and could well be reinstated to Division 1 next season.

The 'B' team, entering for the first time, and playing in Division 6, were also runners-up.

It is hoped to enter at least three teams in the Chelmsford and District Table Tennis League next season.

Anyone interested will be most welcome.





These smiling faces belong to members of the M.A.S.C. Table Tennis Section's 'B' team. Left to right, they are Brian Lampard, Len Wilkinson, Brian Nicholson and Dennis Orum

Will players wishing to take part in competitive table tennis please contact P. J. Cross, Hut 28, Baddow, Ex. 10, as soon as possible as team registrations must be entered well before the start of the coming season.



What was the joke? E. Swinney, Aeronautical Division, left, and his partner F. Jones, right, of Planning Division

Golfing highlights

The season started with a match against Chelmsford Golf Club at Chelmsford and consisted of nine four ball better ball games, which Chelmsford won by seven games to two. The result was not really as disastrous as it seems, the majority of Chelmsford's successes were only due to the odd putt that dropped. We meet again in September.

On 26 May the annual match with the Exiles took place at Chelmsford Golf Club. This was an all day affair, the players playing Greensomes in the morning and singles in the afternoon, making a total of thirty games in all.

M.G.S. led by seven games to three at lunch, but in the afternoon the Exiles came back strongly, with two games to come they led by two games. M.G.S., we are happy to say, managed to win the two remaining games, to finish all square and still retain the Van de Velde-Pender Cup for another year.

The Exiles brought along one or two guests to renew some old friendships,

and everybody had a grand day out. Weather was quite good, catering arrangements by Chelmsford Golf Club were excellent and we would like to express our thanks to Mrs. Beasley and her staff for their very fine efforts.

Mother Courage by M.D.S.

The production of *Mother Courage and her Children* for the Spring play provided a challenge to both actors and back-stage crew, both of whom gave magnificent performances.

Principal honours must go to Betty Deans who played Mother Courage. Off-stage for only one of the twelve scenes she held the play in a firm grip, now comical, now tragic, in a manner which made the rest of the cast give also of their best.

The settings, including as they did army camps, a battlefield, a burnt-out village and a peasant cottage used back-cloths and mobile scenery to great advantage. Authentic seventeenth-century music completed a picture of which



Stan Slevin, Central Division, Waterhouse Lane, striding it out with F. A. (Robbie) Robertson, Baddow. 'Ding Dong' Bell, secretary of the Exiles, left, and a colleague bring up the rear



Cable and Wireless Exiles and Marconi golf teams waiting for the start of the match for the Van de Velde-Pender Cup

the producer, Norman Cooper, must be justly proud.

Congratulations are also due to four Dramatic Society members on their marriages: Donald Halstead and Josephine Hill on 15 June, and Michael Chaney and Phyllis Dickie on 30 June.

On the social side several car-loads journeyed to the Mermaid Theatre on 23 June to see *Let's Get A Divorce*, and many members who missed the *Poetry in a Pub* during the Chelmsford Festival, took the opportunity to hear a new programme at 'The Cricketers' on 10 June.



Members of both teams taking part in the final of the Inter-departmental knock-out trophy. Standing, left to right: Joe Muench, Des Connell, Mick Day, Alan Blane, Dave Dundas, Robin Davis, Geoff Calver, Phil Murray, Doug Fawcett, Pat Cole, Dave Parkhurst, Dave Bowtle, Des Taylor, Chris Gander, Hugh Cutmore (referee). Kneeling: Bob Bennett, Keith Dickenson, Stan Wood, Jim Clarke, Bill Bushnell, Ken Jeffery, Dave Stone, Dave Cottee

Inter-departmental winners

After winning the Interdepartmental Football League in the 1964-65 season, the combined Baddow D.O./Research Division team decided to split up into two teams; Baddow D.O. and Baddow Research. In spite of this both teams were still successful in the 1965-66 season, Baddow D.O. won all of their League matches to take the Championship Cup and Research reached the final of the Knock-out Trophy.

The final of the Knock-out Trophy, a new competition this year, was held on Friday, 13 May, at Beehive Lane and was between Baddow Research and Marine Accounts. Marine quickly took

A header from Stan Wood well saved by Marine goalie Pat Cole, as Dave Cottee, Mick Day and Des Connell look on



control of the game and in the first half made a two-goal lead through Jeff. Calver and Alan Blane. In the second half Baddow came more into the picture and a Robin Davis goal restored their hopes, but Marine held on to their lead to win the trophy by two goals to one.

Tennis news

The Tennis Section's new season has now well and truly started. Wednesday evening is the special club night which gives all members (when their sets are finished) a chance to change places, or mix with those members who are waiting.

American Tennis Tournaments are also well under way. These take the form of a Tennis Whist Drive. The winning couple move up or down and the losing couple stay on the same court, only this time they play against each other. These tournaments are held on a Sunday, once



Winners of the Interdepartmental Football League Championship, 1965-66 Season, Baddow Drawing Office XI. Back, left to right, D. Rowland, G. Evans, A. Browning, N. Starns, A. Pamfrey, P. Field, D. Coe. Front, M. Robinson, G. Shuttlewood, D. Carver (captain), D. Huber, P. Chaplin, and A. Owen (reserve) [G. Evans]. Outstanding performances were the defeat of Marine Accounts, 7-2, and a narrow win, 1-0, from runners-up Robjohns

a fortnight, and small prizes are given to the winners.

Club tournaments are being held for Ladies' Singles, Men's Singles, Ladies' Doubles, Men's Doubles, Mixed Doubles (Open), Mixed Doubles.

Tennis balls are kept in the reception office of the main club house. All club members requiring balls must be members of the Tennis Section and produce their membership cards which must be handed over to the receptionist on receiving a box of balls. Cards will be handed back when the balls are returned.

Results of matches played so far are: Essex Men's matches: 1st team beat Monkams 6-3, 2nd team lost to Billericay 2-7.

Essex Ladies' team were beaten by Baddow 9-0.

Chelmsford and District League: Men's 2nd team played two matches and won two. Men's 3rd team played two matches and won two (one match was rained off).

Chelmsford and District Knock-Out: Men's 1st team: Runwell, default. Men's 2nd team beat Mountrussing, 18-0.

New members are always welcome, so if sunny days make you feel like a game of tennis, contact the following people for further information: J. Hills, Hon. Secretary, Drawing Office, Waterhouse Lane, internal phone 294; R. Milner, Treasurer, Radar Division, New Street, internal phone 853; Miss Peggy Payne, Publicity, Autonomics, Baddow, internal phone 266.



Marconi go-karter ex-apprentice M. Ginn, Baddow, at the wheel at a meeting of the combined Marconi and Crompton Club



Marconi team support from the Crompton Camp! This Class 1 kart has an M.C. engine of 100 c.c., and the karting course is on the cattle market [Photo by M. J. Davey]

Bowls section

The Bowls season which started on 9 May has now completed five full weeks of the Inter-Departmental League fixtures. The County competitions have also progressed, with Jack Bruce scoring a success in the singles.

'A' League

Name	Games	Points
Processes	2	4
Dev. 'C'	2	4
Dev. Wkshp.	3	4
Tool Room	3	4
Stores	3	4
Insp. 'A'	1	2
Marconi House	2	2
Methods	3	2
Robjohns Rd.	3	2
E.E.V. Co.	4	2
Planning 'A'	3	2
Engraving	1	0
Inst.	2	0

'B' League

Planning 'B'	3	6
Writtle	2	4
Radar	2	4
Baddow D.O. 'B'	4	4
Insp. 'B'	4	4
DEV. 'B'	2	2
Baddow D.O. 'C'	2	2
H.O. Cashiers	3	2
Maintenance	3	2
Assembly 'B'	2	2
Westway	3	2
Baddow D.O. 'A'	2	0
Goods in	2	0



BASILDON

Dead-eye dicks

The Greenwood Cup pairs competition was played off in May. In the darts semi-finals George Young and Frank Johnson beat Fred Sharp and Peter Hazell 2-0 and Ron Davies and John Peters beat Harry Adams and Pat Collier 2-0. The first leg of the finals was won by Young and Johnson with Young getting very high scores and finishing on XI, 5, XI. In the next game Peters and Davies were successful, Davies finishing on XI. Opponent George Young had very bad luck on the doubles. In the final Davies and Peters like true champions came into their own and there was no doubt of the result.

Triple winner

Congratulations to Mrs. Eve Jones, a founder-member of the Ladies' Section, who won the League Captains' Trophy, the Morgan Trophy for the best performance as she did last year, and the Ladies' Individual Championship of the Laindon and District Darts League by beating the present holder in two straight games.

Can you beat it?

FAMILY MAN: Fellow who has replaced the currency in his wallet with snapshots.

HOUSEWORK: Something you notice when it isn't done.

JAY WALKER: Lucky to get the brakes.

BELOW, LEFT: Basildon Central Darts League Knock-out Cup competition presentation night. Back row, left to right, John Peters, George Edgar, Bill Hunt, George Young, Sam Walter, Alan Watts, Harry Adams. Front row, Barry Prince, George Butcher and Johnny Horne. Barry Prince is holding the Basildon Central Darts League individual trophy which he also won. Jack Lofthouse, who was in the team, was unable to be present [Basildon Standard]. RIGHT: Trophies presented by works manager, R. A. Coldwell. Left to right, G. Young, F. Johnson, R. A. Coldwell, R. Davies, and J. Peters [G. Hoare]





Picture of the month. *The Pilchard Inn, dated A.D. 1336, at Borough Island, Bigbury-on-Sea, Devon, by G. D. Shevel, of Broadcasting Division Development, Waterhouse Lane*



'Have you got a minute to spare mister?'



'My girl friend threw me over, she's a judo expert!'



'My lunch hour'

Outside back cover: Rinks in Progress

One of six rinks in progress on the bowling green at Waterhouse Lane, and one of the skips has just delivered a wood. Still concentrating on his shot he is following the wood and is mentally steering it towards the jack.

