

JUNE 1980

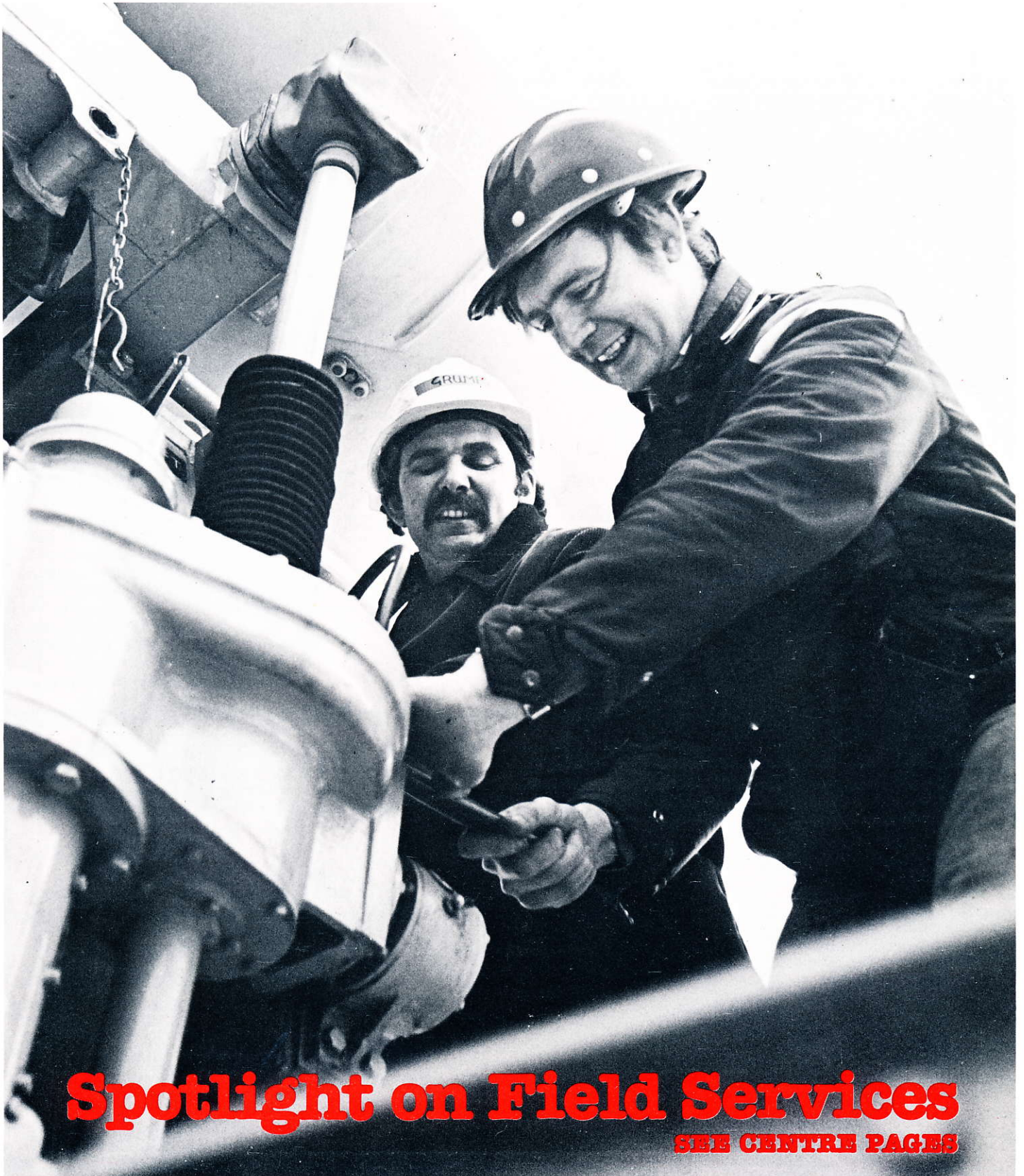
**Marconi  
Radar**

# ECHO

The internal newspaper of Marconi Radar Systems and its people

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**Spotlight on Field Services**

**SEE CENTRE PAGES**



## THE QUEEN'S AWARD

You are probably aware that Marconi Radar was successful in winning the Queen's Award to Industry for export performance. The award was made because our export output has shown a steady and significant increase over the last three years. This achievement is one in which every single individual in Marconi Radar can take real pride, and is a fitting recognition of the efforts of thousands of people.

The award will be made on behalf of the Queen by the Lord Lieutenant of Essex, Admiral Sir Andrew Lewis at a ceremony in Chelmsford on June 20th. Numbers will obviously be limited but we will invite as many Chelmsford people as possible; we then plan to have celebrations in Leicester and Gateshead later, so that every site and establishment will be represented.

Growth in exports over the years to come will be tougher to achieve; I am sure everyone will strive towards this objective, but at the present time a number of factors beyond our control make it difficult. In world markets we

are competing with foreign firms whose products have been developed at their own Government's expense, with a large secure and preferential home market — all of which combine to make them cheaper and more rapidly available than our own products, which we develop with our own investment. We seem to get little or no preferential treatment from Government Departments and Public Authorities who have the freedom to buy overseas and will do so from time to time for apparently limited and short-term advantage, and such foreign purchases will certainly damage our traditional exports.

Nevertheless, we have overcome difficulties like this in the past, and will do so again in the future, and it certainly must not cloud our satisfaction in our success in the Queen's Award. Congratulations to everyone in Marconi Radar.

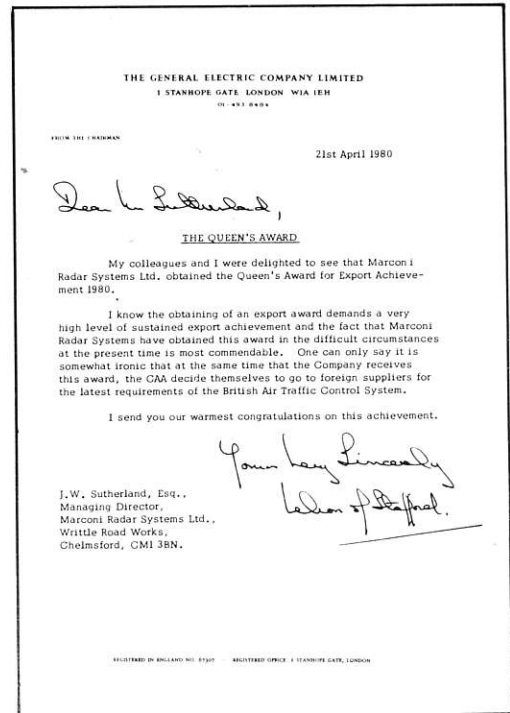
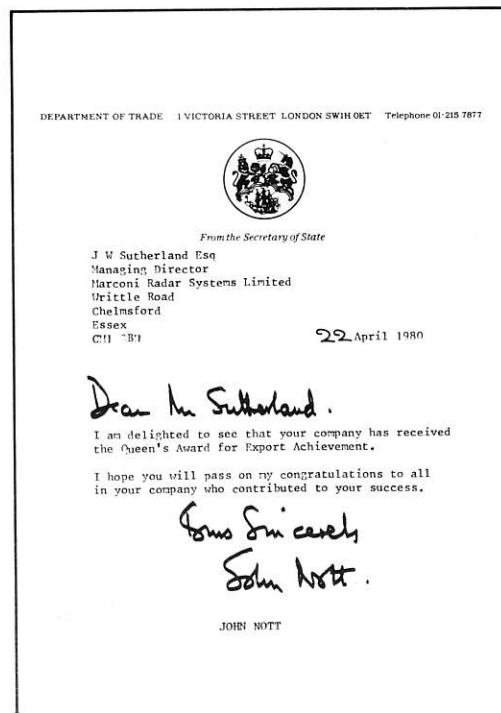
JOHN SUTHERLAND  
Managing Director

### For personal use . . .

READERS may like to know that ties, scarves (for the ladies) and key rings bearing the Queen's Award symbol will shortly be available for purchase, for the personal use of employees.

All three items will be in blue with a gold motif; the key ring will also incorporate the Company logo.

They will be stocked by staff shops at Writtle Road and Blackbird Road and by Establishments Department at Gateshead as soon as they become available, probably by the end of June.



### FRONT PAGE PICTURE . . .

. . . shows field engineers Roger May (left) and Andy Unsworth working on a GWS25 antenna at Stoughton test site.

# On show at Aldershot

The 155mm howitzer FH70 during plane conversion system trials.

RIGHT: Geoff Clarke, Section Leader, Microsystems at New Parks, checks the plane conversion equipment on the howitzer.



Marconi Radar will be well represented at the British Army Equipment Exhibition at Aldershot from June 23 to 27, when the Control and Simulation Division will be demonstrating its expertise in the field of military systems.

One of the highlights of the Company's display will be its plane conversion equipment for heavy guns, which has been designed for the new NATO 155mm howitzer SP70 in conjunction with RARDE. The system enables a heavy gun to be laid accurately for firing against long-range targets, without the need to have the gun cross-levelled. Its extreme accuracy has been

demonstrated during Ministry of Defence trials, mounted on a towed 155mm howitzer FH70.

The Company will also have the use of a Scorpion light tank for the duration of the exhibition. The vehicle will be fitted with the Marconi power traverse drive, suitable for many types of light tanks and armoured cars, which is designed to permit rapid acquisition of targets by either the gunner or commander.

Also fitted into the Scorpion will be a version of the Marconi SFCS600 fire control

system. This system was originally developed for fitting into main battle tanks, and is designed to increase the probability of a first-time hit by correcting for factors which affect accuracy. It uses a small special-purpose computer, based on a well-proved microprocessor, to calculate and provide the data used by the gunner.

On the Royal Ordnance Factories stand will be the autonomous 105mm patrol gun. This is the well-tried 105mm tank gun — now combined with the Marconi gun control and fire control systems to provide a simple self-contained shipborne and coastal gunnery system.

## 'INVINCIBLE' commissioned

HMS Invincible, the Royal Navy's first capital ship to be built for many years, was commissioned in March. Called a 'through deck cruiser' by the RN, not an aircraft carrier, she incorporates a 'ski jump' ramp, which can be seen at the front of the deck, to assist take-off.

HMS Invincible is equipped with a wide range of Marconi radars and control systems. Above the ship's bridge can be seen the antenna of the Type 1022 radar, a replacement for the widely used Type 965. Eventually the 1022 will be replaced by the



1030 (STIR) surveillance and target indicating radar.

High above the funnels is the familiar antenna of the 992R,

while in its radome forward of the bridge one of the two Type 909 (Sea Dart) tracker radars on board can be clearly seen.

## MARCONI AT SHANGHAI

GEC-Marconi Electronics, Europe's largest manufacturer of aerospace electronics systems, was represented by three of its member companies — Marconi Radar, Marconi Avionics and Marconi Instruments — at the British Aviation Equipment Exhibition in Shanghai, China, recently.

Our own company presented details of its capability in ground-based radar for military applications. Highlighting our display were models of the highly-successful S600 series radars and our latest 3-D radar, Martello.

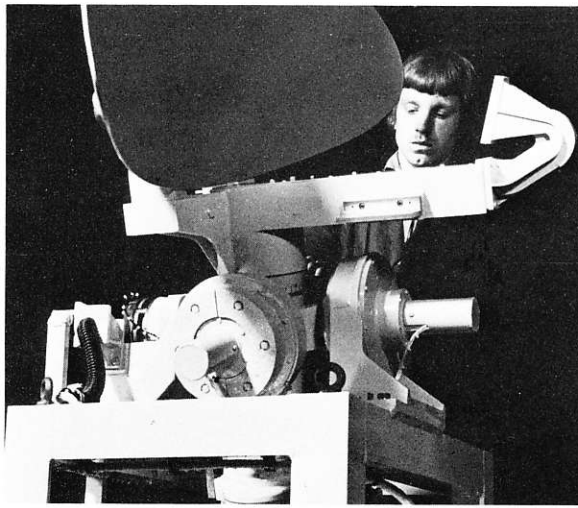
# Equipping the Helicat

Marconi radars have been specified for a radically new concept in coastal defence craft. The Helicat, as the new twin-hulled vessel is called, is the design of a British company based in Jersey in the Channel Islands.

The vessel's main surveillance radar will be our S810 lightweight X-band radar, which will be installed together with the associated display system equipment.

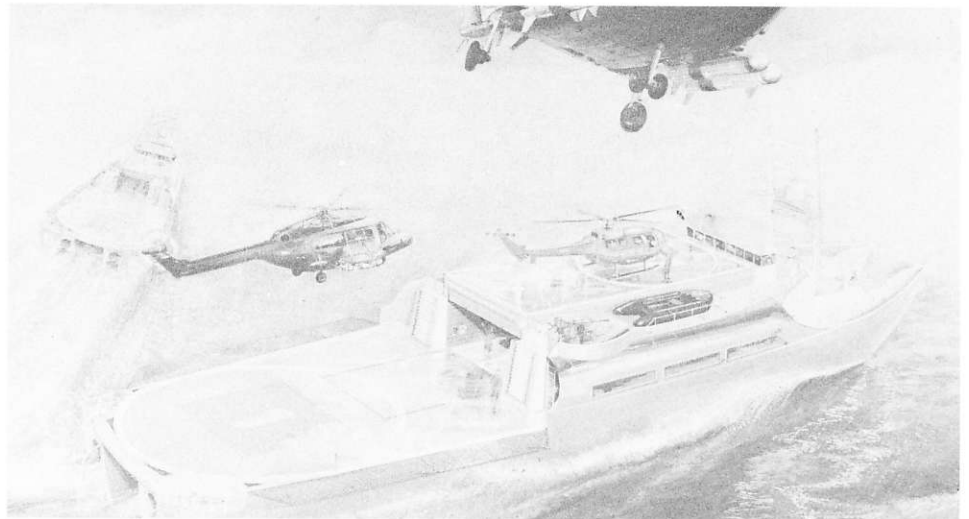
The great advantage of the new craft is that it can carry two helicopters, or even act as the home base for a Harrier jump jet.

The Helicat HC40D is a 260-tonne vessel over 46 metres long, suitable for the surveillance of coastal regions. The construction and design of this twin-screw craft results in a vessel which is very stable yet is able to move at high speed.



LEFT:  
*Leicester apprentice Steve Smith at work on the aerial assembly of a Type S810 lightweight surveillance radar.*

BELOW:  
*Artist's impression of a Helicat in operation. The radome housing the S810 surveillance radar is forward of the bridge.*



## Simulator to be based at Cardiff

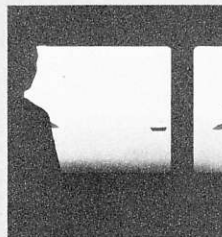
More details are now to hand concerning the £1 million order, announced in a recent edition of ECHO, received from the Department of Industry for the supply, installation and commissioning of a ship handling trainer.

The ship's bridge simulator — the first of its kind in Britain — is to be based at Cardiff and should be in operation by March 1981. It will be operated jointly by South Glamorgan Institute of Higher Education and the University of Wales Institute of Science and Technology. The Cardiff centre was chosen by the ship and marine technology requirements board of the Department of Industry.

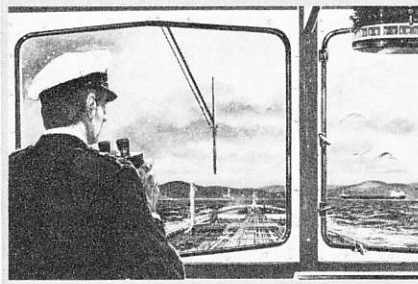
Based on the Company's computer generated imagery system TEPIGEN, the simulator will be used to give advanced training in bridge procedure and the use of

**Marconi Radar**

A picture generator for ship handling simulators



**TEPIGEN**



instruments, and there will be strong emphasis throughout on safety at sea.

Students who use the equipment for training will include undergraduates, post-graduates, marine specialists, mariners and pilots, and those using it for research will include specialists interested in marine law and marine ergonomics.

## Indian Scientist wins Marconi Fellowship

Dr. Yash Pal, director of the Space Applications Centre of the Indian Space Research Organisation, has been selected to receive the sixth Marconi International Fellowship, which takes the form of a \$25,000 grant.

Dr. Pal has been honoured for his work on the Satellite Instructional Television Experiment (SITE) in India — a project run in conjunction with NASA, using the US ATS-6 satellite. The object of SITE was to bring instructional television to the rural villagers of India, aiming initially to reach 3,000 isolated villages and eventually all 500,000 of India's villages.

The award to Dr. Pal will take place in Sydney, Australia, on October 12.

This year commemorates one of Guglielmo Marconi's more spectacular demonstrations of long range wireless communication. On the morning of March 26, 1930, from his yacht Elettra moored in Genoa harbour, he opened the Sydney Electrical and Wireless Exhibition by operating a relay which switched on the lights in Sydney's City Hall. The Marconi Fellowship plans to re-enact this historic event.



## Frigate's new trials role . . .

\* Ship spotters will take a long hard look when they see the re-shaped Rothesay frigate HMS Londonderry out in the Solent in a new secret trials role.

## . . . after a four year refit

Londonderry has been redesigned and extensively modernised during a four-year refit at Rosyth Naval Base for a new career as the trials ship for equipment under development at the Admiralty Surface Weapons Establishment.

To fit her for her new role, HMS Londonderry's weapons systems have been removed and replaced by a computer and new communications and navigation equipment. She now has three masts, including a 40ft. portable mast to house rotating aerials, and equipment under trial can be easily bolted on to the ship.

She will be used to test a wide range of mechanical and electronic equipment for future classes of warships, initially concentrating on radar and radio trials. A secondary role will be to provide



*The frigate HMS Londonderry has had her weapons removed and new masts fitted to equip her for a new role as secret trials ship for mechanical and electronic equipment for future classes of warship. In our top photograph HMS Londonderry is pictured as she looked earlier in her 19-year career. (Royal Navy photos.)*

navigational training facilities for young officers.

Londonderry, 2,800 tons, was built at

the Cowes yard of J. Samuel White and Co., and commissioned in July 1960.

(By courtesy of THE NEWS, Portsmouth)

# Wider still and wider

We are undertaking two major development contracts for the Royal Navy in Leicester, and to cope with the heavy load of work, we have expanded both in the Leicester area and in other parts of the country. This has included the move to Bosworth House in Leicester, the completion of new premises to house the model shop at New Parks, and the establishment of a satellite drawing office at Accrington in Lancashire, all of which we have reported in ECHO.

We now have a new Marconi Radar outstation for Leicester, sited at Plymouth. The work here will initially be

in the development of radar i.f. receivers and radar transmitter power supplies. Digital signal processing systems of an advanced nature will be designed and developed here, and technical documentation will also be undertaken.

Expansion in Norwich will bring more of Marconi Radar's work to that city, primarily for Support Division. Although the Company was only established in Norwich some five years ago, we now employ over 100 people there. The new facility has been set up in Thorpe Road to test electronic circuit boards from other Marconi establishments.



Thorpe Road, Norwich.



Pennycross Close, Plymouth.



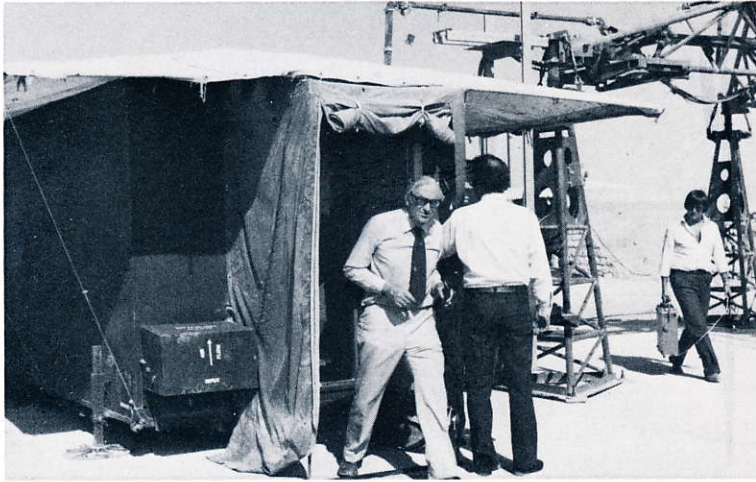
*Pictured on the stand are Mike Toolan, of Writtle Road (left), and Fred Garner of New Parks. The lady is Diana Firth of Marconi Avionics.*

## At Kuala Lumpur

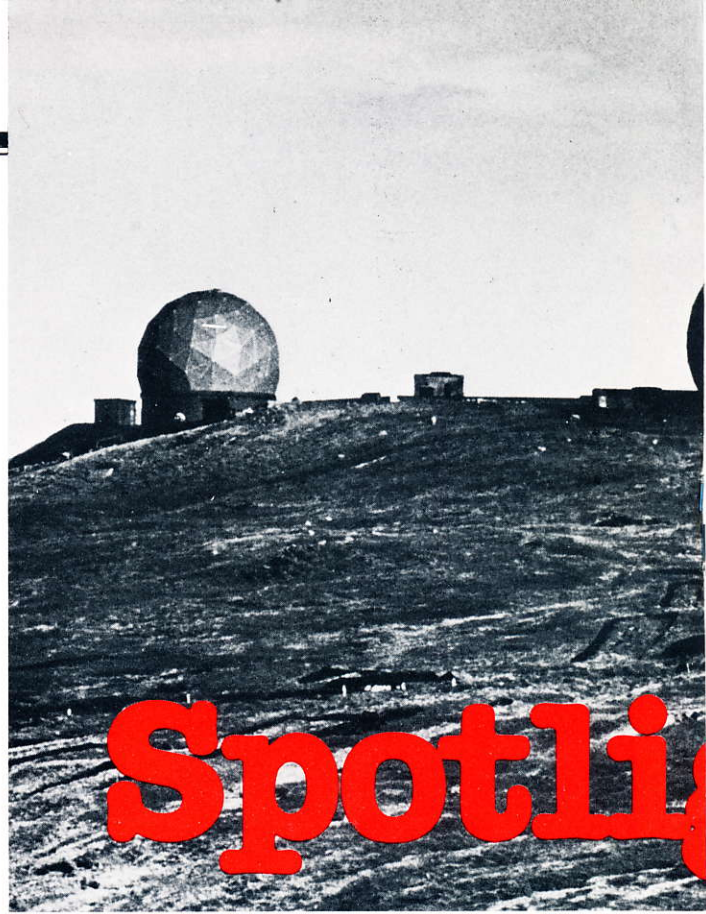
Together with three other GEC-Marconi companies, Marconi Radar continued its drive for overseas sales with a strong presence at the Asian Defence Expo '80 in Kuala Lumpur, Malaysia.

The Company presented a graphical display of its capability in three areas of its military product range.

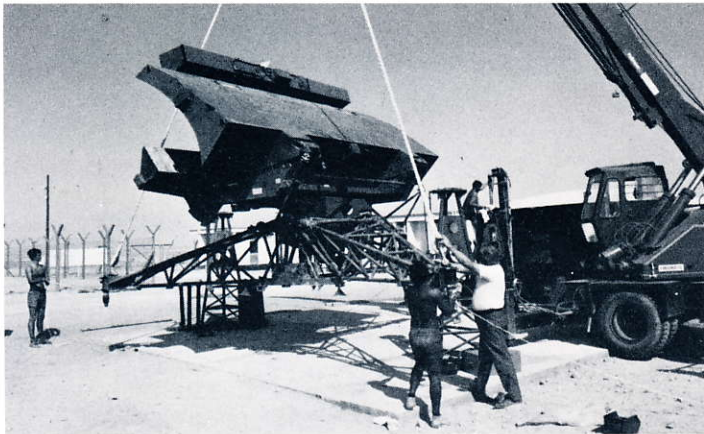
Particular emphasis was on our experience in the fields of naval weapons control systems and warship refitting. Also featured was our expertise in long range air defence surveillance radars and air defence data handling systems. For armoured fighting vehicles, both gun and fire control systems were highlighted, and some of the SFCS600 hardware for tank fire control was on show.



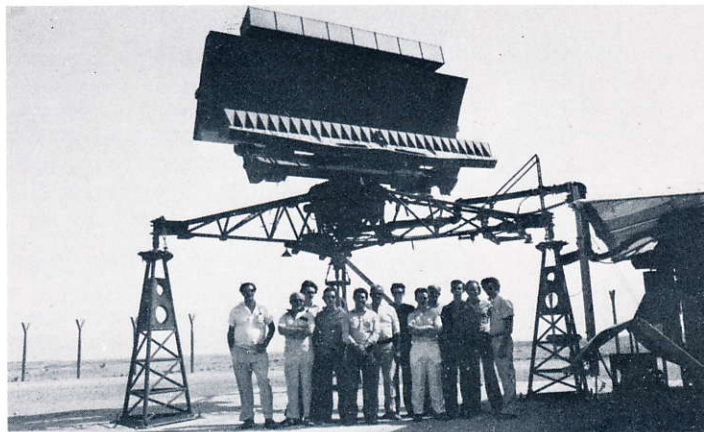
Managing Director John Sutherland was caught by the camera outside the C-Band transmitter cabin during his recent visit to Oman. Also in the picture (back to camera) is Ray Wombwell, Support Manager, while Dave Fifield approaches with oscilloscope at the ready.



# Field S



Lifting the antenna on to its 'legs' after replacing a faulty gearbox in Oman. (Left to right) T. McCashin, S. Nicholls, I. Sanderson, M. Ball, R. Bashall (climbing).



The MRSL maintenance team at Thumrait in Oman pause for a photograph beneath an L-Band antenna. (Left to right) T. McCashin, K. Adams, R. Bedford, K. Bishop, R. Keir, M. Bayley, S. Nicholls, J. Littlewood, J. McCormick, A. Butters, P. Beatson, J. Hawkins.

**M**ANY of us must feel a sense of satisfaction as a large item of electronic equipment designed, developed and manufactured within the Company goes out of the factory door — but this is the point at which a good Field Services man is inclined to say: "Now the real work begins!"

A slight exaggeration, perhaps, but not without its element of truth. A phrase often heard within the Company is "A Complete Capability", which means that Marconi Radar aims not only to design, make and sell equipment but also to install and demonstrate integrated equipments, after delivery, to customer satisfaction.

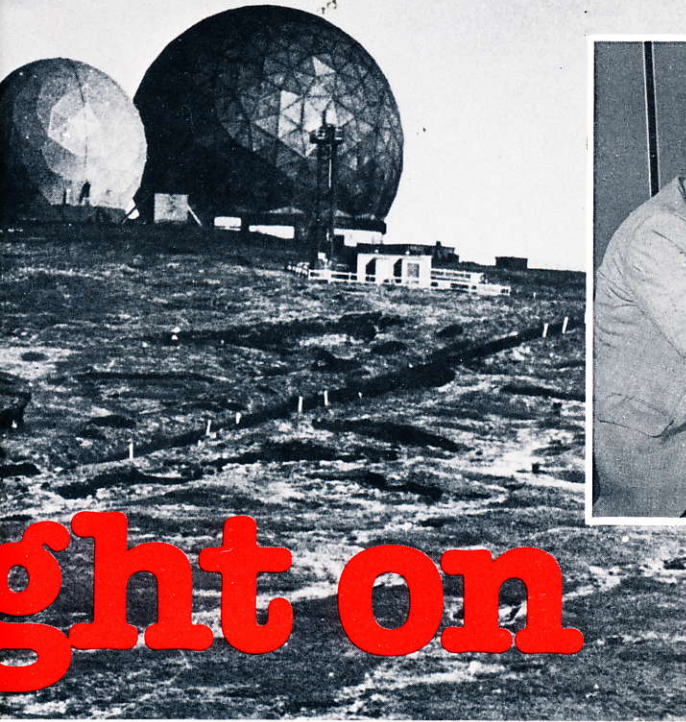
The task of providing these services, and also, where required, a maintenance service, is undertaken by the Manager Field Services, who is responsible to Eddie Holman, Manager Support Services, part of the Support Division under Director Iain Butler.

The Manager Field Services, Percy Williams, assisted by Fred Wilde (Chelmsford) and Reg Dean (Leicester), runs a department of some 420 personnel of whom approximately 370 are skilled engineers and technicians working in the 'field', either independently or in conjunction with the customer's organisation. They are backed-up by other experienced personnel in Chelmsford and Leicester Engineering and Technical Services areas.

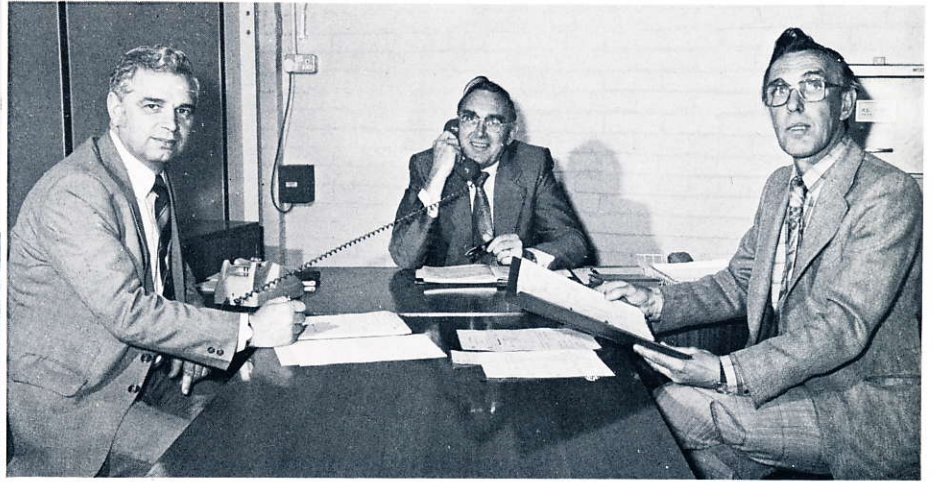
The size of the teams can vary from one engineer installing a computer at a small airfield to a team of 100 for large military and civil systems. There is also an emergency and repair service manned by personnel who can travel at short notice.

The Company's customers are often Ministries of Defence or Departments of Civil Aviation, both in the U.K. and overseas. Over the years Marconi radars have been supplied to more than 50 countries, ranging from large sophisticated systems for Air Defence and Air Traffic Control to simple installations on private airfields.

The work of a field engineer is a way of life. It is varied and exacting and can take him to almost any part of the globe, perhaps



# ght on ervices



Seen here in conference at Writtle Road is Percy Williams, Manager Field Services (centre), who is assisted by Fred Wilde, Chelmsford (right), and Reg Dean, Leicester (left).

RAF Saxa Vord (Photo by courtesy RAF NEWS).

to the Arctic Circle or the Middle East, to the top of a mountain or a foreign warship across the Atlantic Ocean.

At the present time, for instance, some £10 million worth of Air Defence equipment is being supplied to Oman, where many of our field engineers are engaged, while other equipments can be found all over the world from Saudi Arabia to Malaysia, Kenya, Argentina, and on ships, in dockyards, airfields and test sites throughout the United Kingdom.

The preparation, day-to-day supervision and general support of field activities is provided by the Head Office organisation located at Writtle Road, Chelmsford, and Bosworth House, Leicester.

Personnel movements and training, the control of tasks, test equipment and transport are some of the functions performed by a Head Office staff comprising engineering, administrative and secretarial staff.



A S1061 radar was installed at Sumburgh Head, the most southerly point of the Shetland Islands, to cope with the rapidly increasing air traffic serving the offshore oil industry. Here the antenna and S2011 transmitter/receiver undergo on-site tests.



Hazards likely to be encountered by road users in Oman are rather different from those in the U.K.!



The GWS25 Field Services team at HMS Collingwood, Portsmouth. (Back row) Mick Dalton, J. Stobseth-Brown, Bob Redmond, Ken Jacobs, Paul Haller, John Ceresole. (Front row) Jack Underhill, Mike Harben, Terry Barnsley, Paul Roberts (Ferranti), Colin Legg, Ian Forster, Charlie Martin.



## CHIEF ENGINEER'S NEW APPOINTMENT

Ian Donaldson, the Company's Chief Engineer, recently took up a new appointment as Principal of Marconi College upon the retirement of Mr. R. G. Hulse.

To mark Ian's departure from Marconi Radar after a long association spanning some 28 years, Managing Director John Sutherland presented him with gifts of a hammer drill and binoculars, and conveyed warmest wishes from his many friends and colleagues.

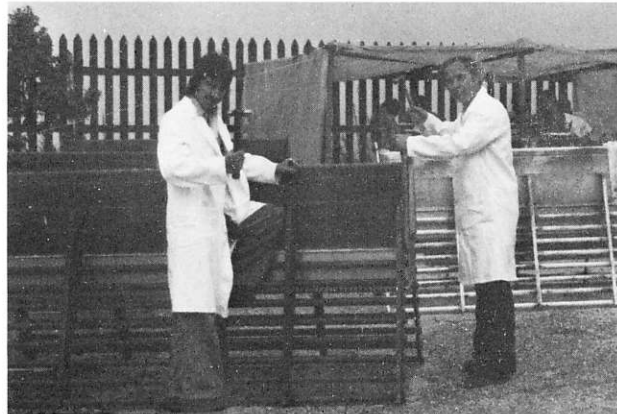
Ian has contributed much to the Company's display and data handling work from its early days. He has been responsible for the technical management of some of our largest military and ATC systems contracts.

## ACHIEVING THE NEAR-IMPOSSIBLE

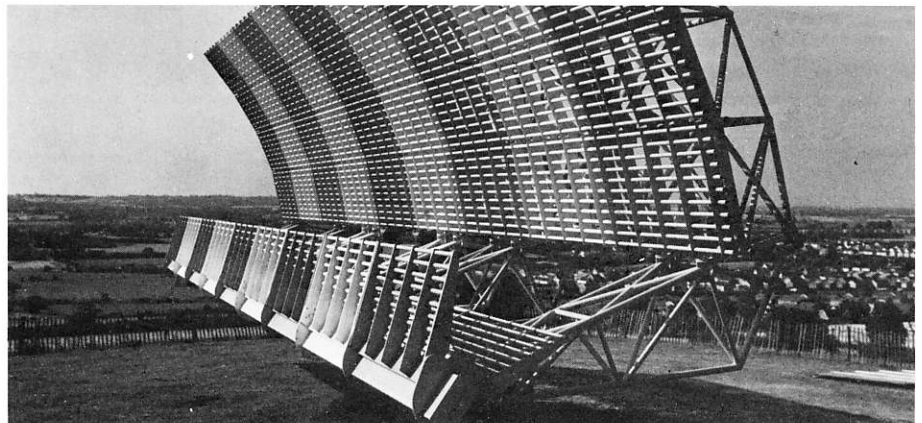
To improve the radar cover for Air Traffic Control on the S1070 in Malaysia, it recently fell to Technical Services to design and install a modification involving complete dismantling and re-assembly of the aerial feed.

Due to important air traffic requirements, the task needed to be undertaken in half the originally anticipated timescale. This meant that the exercise — the first of its kind — had to be planned to the smallest detail. A simulated trial fit exercise was therefore undertaken at Chelmsford to ensure that by extending the working day the task could be completed within the severely limited revised work schedule.

Tony Canning, Senior Mechanical Engineer, took up the challenge, assisted by Chris Black and supported by Field Services personnel and customer's staff. Eddie Holman, Manager Support Services, says: "Without the meticulous planning and very willing and enthusiastic co-operation of all, the near-impossible could not have been achieved."



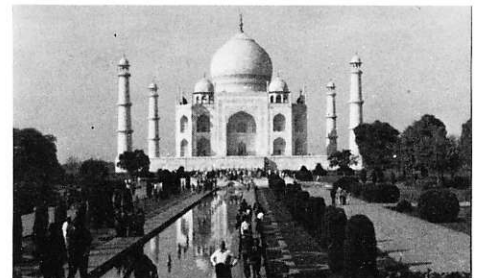
LEFT:  
Tony Canning (right) and Chris Black pause briefly for the camera while working on one of the dismantled feed sections.



BELOW:  
The S1070 Antenna.

## CIVIC VISITORS

The Mayor and Mayoress of Chelmsford, Councillor Chris Goodier and his wife, recently visited the Company and were given a guided tour of Writtle Road works. They are seen here seated at an Air Traffic Control console with, left to right, Robert Scott (Production Director), Alan Shelley (Works Manager) and Peter Jeffries (Bureau Manager). The visit was part of a day's tour of all the main Marconi establishments in Chelmsford.



## Clem's Country Cottage

During a two-week business trip to India, Clem Lister, Sales Department, Writtle Road, and Fred Kime, Manager Customer Systems, took time off on a Sunday to visit what Clem calls his "cottage in the country". Fred's picture shows Clem (light shirt, centre foreground) posing in front of this highly desirable residence.



# LONG SERVICE AWARDS AT CHELMSFORD



*BACK ROW: B.A.L. Clark, A.S. Fewell, R.W. Simons (Director), D.T. Elkins, C.H. Barnard, T.E. Corfield.*

*FRONT ROW: E.H. Cutmore, A. Crozier, Mrs. P.D. Girling, T.W. Smith (26 years), M. Warburton. All 25 years' service except where indicated.*

*BACK ROW: R.P. Taylor, D. Slaney, E.T. Perkins, K. Hughes, G.A. Taylor, J.W. Sutherland (Managing Director), P.R. Sparkes, G.B. Munson, P.W.R. Western, G. Smith, B.W. Partridge.*

*FRONT ROW: J.H. Robinson (27 years), G.E. Woolnough (34), Mrs. J.C. Hovell, D.J. Mumford, R.J. Walter (27), G.C. Waskett. All 25 years' service except where indicated.*



# CHELMSFORD RETIREMENTS



*Dorothy is shown in our picture (second from left) with Ken Stoker, John Sutherland, Ron Doubleday and Mary Mackin.*

## Hubert Robinson

Hubert Robinson, who joined the Marconi Company in 1936, has recently retired. From 1940 to 1945 he served in the Royal Artillery and saw service in Iceland and Normandy, returning to the Company after the war in his previous post in Works Order Progress.

He moved to Radar Division at Writtle Road as a Contracts Administrator in 1966. From 1968 to 1974 he worked in Technical Services as a Contracts Administrator, and in 1974 transferred to GWS25 P.P.M.G.



*Our picture shows Hubert (centre, left) receiving a presentation from Hugh Allen, Personnel Director, accompanied by (left to right) Ken Smith, Roger Towell, Mrs. Duthie and Mary Mackin.*

## Mrs. Dorothy Doubleday

Mrs. Dorothy Doubleday, IBM Supervisor with TID at Writtle Road, has retired after 30 years' service with the Company. Dorothy joined Communications Division in 1950 as a shorthand typist, later serving as secretary to the Contracts Manager, Mr. B. Mayson. In 1955 she became secretary to Mr. P. J. Donnelly, moving with him when he became Manager of Central Division the following year.

In 1960 she became Chief of Central Division Typing Services at New Street, moving to Waterhouse Lane in the same capacity in 1965. At that time the Central Typing Service was responsible for handbook typing as well as all divisional typing. When Central Division was disbanded in 1974, Dorothy moved with TID to MRSL Writtle Road as IBM Supervisor, where she continued until her retirement. In recent years the job increased in scope to embrace the new word processing techniques.

Ron Doubleday, Dorothy's husband, also works for TID, having previously worked in Central Division; he has 35 years' service with the Company. Is this total of 65 years a record for a husband and wife team in MRSL?

# Gateshead retirements



Leonard Barnes (left) retired from Gateshead Works recently and was presented with a canteen of cutlery by E.R.B. Thornes, Manager, Production Control and Supplies, to mark the occasion.



Jimmy Humphries retired recently from his position as driver at Gateshead and was presented with a silver tankard by R. McIlwraith, Transport Manager, to mark the occasion.



Mrs. Lilian Bell retired recently from the Print Room at Gateshead and was presented with a variety of gifts. Mrs. Bell is shown with her Supervisor, Bob Cox, and her Departmental Head, R.E. Amos, Production Services Manager.



Maurice Tharagounet (left) was presented with a cassette radio by R.E. Amos, Production Services Manager, on the occasion of his retirement from Gateshead Works.



## “Just the Ticket,” says Sue

There were smiles all round as Sue Bingham, secretary to Ian Whitlock at Writtle Road, was presented with a cheque for £2,000 — first prize in the Marconi Athletic and Social Club Car Draw — by Managing Director John Sutherland.

Sue says that she has not yet decided what she will do with the money, as she is still quite shocked (though pleasantly so) by her windfall. She already has a car in which she travels to work from her home in Braintree.

Sharing Sue's delight in our picture are Gerry Wignall, Manager of the MASC, and Kitty Bluett, who sold her the winning ticket.

## ACCOUNTS v. AUDITORS

Marconi Accounts and Marconi Auditors get together for the camera before their seventh annual football match, which resulted in a win for the Auditors by three goals to one.

Accounts were captained by Nick Wright and captain of the Auditors was David Alexander. The game was refereed by Richard Brocklesby, Assistant Financial Director at Stanmore. The trophy was presented by GEC-Marconi Financial Director Malcolm Holladay, and the day was rounded off by a social evening at the MASC.



# Tom calls it a day

Tom Goode, a well-known figure at New Parks, Leicester, has retired after more than 41 years' service with the Company. He is pictured here (behind lamp) with friends and colleagues after being presented with farewell gifts by Derry Johnstone, Development Manager, New Parks.

An Australian, Tom studied at Adelaide University, where he obtained an honours degree. He started a college apprenticeship with Metropolitan Vickers at Trafford Park in January 1938, and had been with the Company since then, apart from a break from June 1948 to August 1949.

He moved from Manchester to Leicester in 1968 as Chief Engineer, Radar Engineering Services, then became Head of Technical Services. He was a Fellow of the Institution of Electrical Engineers.

Tom joined the Personnel Department as Recruitment Consultant in 1977.



## COMPANY GOLF MATCH

The annual golf match between the Chelmsford, Leicester and Gateshead sites, open to any golfer employed by MRSL, will be held on Friday, June 20.

The venue will be Western Park Golf Club, Scudamore Road, Leicester, where the first tee has been reserved from 3.00 p.m. to 4.00 p.m.

The competition will be followed by dinner and the presentation of the trophy in the clubhouse by Derry Johnstone, Development Manager, New Parks. The number of entries is restricted and applications must be received by Monday, June 16. The cost is £5.00 per person, inclusive of green fee.



## LONG SERVICE DINNER at LEICESTER

Our roving photographer caught a group of ex-Manchester types and their ladies at the Long Service Dinner held at New Parks recently. Tucking in (left to right) are Eric Heys, Tom Goode, Ken Benson and John Bailey.



## Send-off for Sandra

This picture of Sandra Smithson, of Portakabin L. MRSL, High Voltage Area at Baddow, was taken two days before her marriage on April 12 when she became Mrs. Sandra Wyatt. Her colleagues at Baddow, and indeed all of us, wish her all the best for the future.



The popular Gardening Club at New Parks has now moved into new premises near the main car park. Our picture, taken at the opening ceremony, shows Peter Lewis, Establishments Manager (left), and Derek Stopford, Personnel Officer, Fisher Controls (right), cutting the ribbon, with Club Secretary Peter Longhurst holding it steady for them. The Club arranged an outing to Chelsea Flower Show on May 22.

## CHELMSFORD FOOTBALL

The Marconi Inter-departmental Football Competition has been fortunate with the weather this season and as a result a full fixture list has been maintained.

This season's Cup Final was between the Chelmsford Computer Centre and the Installation Design Office (MCSL New Street). The result, I.D.O. 1 — C.C.C. 0, came after a hard-fought game, with I.D.O. holding out to win the cup for the first time.

The presentation of trophies to the cup winners and runners-up and to the Division 1 and 2 league champions was made on 15 May at the Marconi Athletic and Social Club, followed by the Annual Disco Dance which is proving more successful each year and was again very well attended by both officials and players.

This year's A.G.M. will be held at M.A.S.C. on Tuesday, 17 June.

### STOP PRESS:

Marconi faced a strong Romford and District League side on May 17 and just lost a fast and excellent match by 4 goals to 3.

The team will next play Basildon and District League on Saturday, August 9, at M.A.S.C.

PHIL CHAMPION



Mr. G. D. Speake, Managing Director, Marconi Research Laboratories, presents the League Division 1 Championship Shield to Malcolm Box, Captain of Radar Software.

## 1980 Marconi Golf Knock-out Competition

The draw has been made for this year's "Paul Farnsworth Memorial Trophy". 64 names have been entered in the competition, which involves players from all the GEC companies in the Chelmsford and Basildon areas. The competition culminates in the final tie to be played on a neutral course in the autumn.

The Marconi Golfing Society now has a membership of 95, its highest ever.



Ron Morris (centre left), captain, of Machine Shop Inspection 'A', receives the Team Cup from Blackbird Road Works Manager Owen Jones. Also pictured (left to right) are Pete Lucas, Ernie Gibbins, Dave Lowther, Ted Chadwick, Trevor Barnett, Cliff Cragg, Paul Aspinall and Brian Lissaman.

## Leicester Skittles

The 1980 Inter-departmental Skittles Team Cup was won by Machine Shop Inspection 'A', led by Ron Morris, who maintained the tradition of a Blackbird Road side winning the trophy by defeating Fisher Accounts, led by Dave Wood, in the final by three legs to one.

This year a Plate Competition was introduced for those teams losing their first round match, and again it was a Blackbird Road side triumphant. Works engineers, led by Derek Weston, defeated Marconi (New Parks) Personnel, led by non-playing captain Jean Howgill, by three legs to nil.

In an All-Accounts Singles final, despite dropping the first leg, Dave Wood came back strongly to beat Bryan Smith by three legs to two, finishing the evening with a 'nine' and taking the title for the second successive year.



"Oops, ..... sorry!"

## Your 'Echo'

News stories, photographs, or other items of interest concerning the Company and its people are always welcome for possible publication in ECHO. Copy date for the next issue is July 25.

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