



Supported by and surrounded by his many friends at our Mold Depot is Mr. Sharp, centre, on the occasion of his recent retirement from his job as linesman's mate.

Mr. F. SHARP

A very popular man with the MANWEB staff at Mold and with many of our customers in that area, Mr. Fred Sharp, a linesman's mate, retired a few weeks ago after 25 years' service.

Fred's main interest outside his work is horses. Every year he provides the horse and decorates a float to resemble a Romany caravan to feature in the Annual Carnival at Buckley. He is also interested in singing, especially the music provided by the Rhos Male Voice Choir. He too has quite a good voice and with one or two friends, delights the customers in the Northop Hall locals from time to time.

Fred will be missed in the Mold yard and this was made obvious by the number of friends who turned up to say their farewells at a ceremony held a few weeks ago when Mr. I Morris (*production engineer*) spoke of Fred as a hard worker and hoped that his retirement would bring him pleasure and happiness in the same measure that he had spread to others during his working life.



Mr. S. A. Cox

Mr. S A COX

Wishing Mr. Sidney Cox, a principal assistant engineer with the former Area 2/3, a long and happy retirement after his 21 years with MANWEB, Mr. J. W. Trimble (*Group Manager*) made a

presentation from his colleagues, of a telescope and tripod which no doubt will be well used by Mr. Cox who is a very keen photographer and ornithologist.

DOUBLE DEPARTURES FROM LIVERPOOL

Two engineers from our Liverpool District staff, who started work within months of each other some 40-odd years ago and then went on to remarkably parallel careers, retired together recently.

Mr. Leslie Crapper, an assistant section engineer, began his working life in 1927 with the Liverpool Corporation Electricity Department. After serving his time as an electrician, he became a high voltage inspector and held this post until the industry was nationalised in 1948 when he was appointed to the position he held on retirement.

Mr. Crapper's main hobbies include Hi-Fi reproduction and making things in his home workshop which is expertly fitted out with drills and a lathe. He also enjoys taking his wife on Continental travels in his custom-built Land Rover.

His colleague, Mr. James Henry Range, also worked for the Liverpool Corporation Electricity Department—he started in 1928 as an apprentice electrician. He too became a high voltage inspector at the same time as Mr. Crapper and in 1948 he was appointed to his present position as an assistant section engineer.

In his spare time Mr. Range likes to go caravanning and enjoys pottering about in his garden.

Handshakes for a double departure. Mr. Haughan, centre, with members of the Liverpool District staff, saying their farewells to Mr. Crapper, left, and Mr. Range, right.



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February
1971



(See page 30)

OUR COVER PICTURE shows

MANWEB'S selected six young ladies entered for this year's Chester 'Queen of Commerce' competition.

Our girls are, from the top, left to right:

Miss Jacqueline Helen Webb—aged 18 and is a computer control clerk.

Miss Patricia Ann Dando—aged 26 and works as a clerical assistant in Revenue.

Miss Anne-Marie Kilfoyle—aged 26, an assistant in the Education and Training Department.

Miss Mary Josephine Wilkinson—aged 17 is a punch card operator.

Miss Maria Isabelle Gillett—aged 19, an audio copy typist.

Miss Barbara Ann Jones—aged 18 and is a copy typist.

Sponsored by "The Chester Chronicle," this is the second competition to find the most attractive female from the area's industrial and commercial concerns. Joining with MANWEB are half-a-dozen other prominent organisations and six girls from each will be chosen to take part in the heats leading up to the selections of the finalists.

Their photographs will appear in 'The Chronicle' in special two-page features and the public will be invited to vote for the finalists, one from each concern, who will then appear before a panel of judges at the Grand Final Dance to be held on March 26th in the MANWEB ballroom.

All the finalists will get a

free hair do for the night as well as a gift studio portrait.

The first prize will be to the value of £220 and this will include a 15-day holiday for two in Spain or Italy. For the runner-up, there will be £50 in cash plus a Spring holiday in the Dutch bulb fields. For the girl in third place, there is a prize of £25 plus two first class return rail tickets to anywhere in England, Scotland or Wales. Compere for the Grand Dance will be Ray Fell, a well-known show business personality. Music will be played by the Beeliners and tickets at 62½p each, are available from Mr. Gren Roberts, Room 5S1 (Tel. 2146).

Don't forget, Friday, March 26th.

LIFE-SAVING SALESMAN

Two-year-old Richard Koekenberg from Holyhead was playing by a pool of water in a disused cattle yard and thought that the green slime on the surface of the pool was grass and he an onto it. Fortunately he was wearing a



Mr. Eric Evans

nylon anorak which went some way to prevent him from sinking.

Another youngster, aged nine, tried several times to pull Richard from the water but with no success.

Then Mr. Eric Evans came along and summing up the situation at a glance, dived fully clothed into the pool. He brought the boy out and proceeded to give him artificial respiration for about 15 minutes until the ambulance arrived.

The boy's life was saved.

The heroic Mr. Evans, is one of our salesmen in Anglesey. He began his working life with the Holyhead Electricity Undertaking in 1944 and when the Board took over in 1948, Eric was working as an electrician. He transferred to the sales side in 1958.

Eric fights shy of personal publicity, but his colleagues in the District thought that his brave action should be reported in the staff magazine—and we heartily agree with them.

Good show Eric!

GRAND DANCE

at the
Thingwall Road Clubhouse
in Liverpool

on **SATURDAY, MARCH 13th**
8 p.m. to 11.45 p.m.

For the over 18's only

Tickets 35p from

Mr. Charles Lamb (Head Office)
Mr. Mal Cooper (Lister Drive)
Mr. Brian Pierpont (Marsh Lane)



We want

LADIES—LADIES—LADIES
to play for MANWEB in the
National Finals
of the
Electricity Supply

Badminton Team Championships
to be held at Birkenhead
on April 3rd and 4th.

If you play badminton, please
contact Mr. John Foster, Head
Office Room 4W1 (Tel. 2423).

We are the Champions!!



THE STAFF MAGAZINE OF THE MERSEYSIDE
AND NORTH WALES ELECTRICITY BOARD

CONTACT

Vol. 23 No. 2

February 1971

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Editorial Staff

Keith Baldwin
John F. Perry
Sam Doughty

EDITORIAL

Keeping Faith

TO MOST of the people, for nearly all the time, the instant availability and reliability of their electricity supply is something that is taken as much for granted as the air they breathe.

Almost everyone is accustomed to having light, heat and power "on tap" at the flick of a switch, and over the decades our industry has built up an enormous reservoir of public confidence and goodwill among all sectors of the community.

It is true that this atmosphere of confidence did take something of a battering in December, but the universal difficulties which resulted—and which led to such bitter complaints—served to underline in the clearest possible way the extent to which our complex modern society has become dependent on electricity.

The Electric Living Trade Fair (more of this in next month's *Contact*) held recently at Brighton, gave further emphasis to the way in which the home of the seventies is being virtually built around its electricity supply. As successive Annual Reports show, home consumption of electricity increases continuously, as more and more people discover more and more ways in which Electric Living can improve their standards of civilised, comfortable and convenient life.

Our responsibility to the general public (which includes ourselves, of course) is very high indeed, and becomes greater with every passing year.

Everyone who earns his living in our industry can do much to repair recent damage, and consolidate the confidence which our essential role demands, by providing the highest possible standard of service to the community. The provision of this kind of service, on a continuous basis, will rapidly heal the wounds of the recent past, and will serve to emphasise our role as the most vital industry in the modern economic and social structure of the country.



Touch down at Hawarden for our visitors.

(Opposite) On the left and right are chief guests M. Requin and M. Ruault with Mr. R. Stewart (Energy Sales Manager) and Mr. W. N. Shires (Deputy Chief Commercial Officer).

ELECTRICITÉ DE FRANCE VISIT MANWEB

A party of top officials from Electricité de France (*The French Electricity Board*) together with executives from the Building Industry of their country, flew direct from Paris to arrive at Hawarden airport just after nine in the morning a few weeks ago. They were then transported by coach to the MANWEB Head Office where they were welcomed by our Chairman, Mr. Denis Dodds.

Then, assisted by interpreter Mr. Frank Janus of the Electricity Council Overseas Advisory Service, Mr. E. Covington (*2nd assistant engineer—Commercial*) explained the heat reclaim system to the visitors prior to their tour of inspection.

During the afternoon they had a look round the City of Chester before flying home just after 5.30 p.m.



(Below) Mr. Covington, extreme right, and interpreter Mr. Janus talk to the visitors prior to their tour of the Head Office building.



High in the mountains we see Brian Murrow.

MEN FROM MANWEB MAKE THEIR MARK AT SCHOOL OF ADVENTURE

Back home, Peter Simcock and George Vose



DESPITE what many cynics may think and often say, MANWEB is concerned about its people—from the newest entrant to the oldest pensioner. In recent issues of *'Contact'* we have featured stories from the ranks of the retired, and even in these pages we cover a spate of retirement presentations. But this particular story is about those who are just starting their careers.

* * *

When young people come to work for the Board, in addition to learning the intricacies of their chosen jobs, many are presented with a wonderful opportunity to develop their characters as they grow to maturity.

One of the many outlets of this kind can be found at the West Highland School of Adventure, at Applecross in Ross-shire, Scotland. Here, during a 26-day course, young men develop qualities of self-discipline and endurance and gain the capacity to face hazards, difficulties, hardships and emergencies of all kinds. They also learn one of the main qualities needed in this world today—co-operation with others in worthy enterprises and acceptance of obligations of service to others.

The School has as its main outdoor activities sailing naval-type cutters, canoeing, trekking, light-weight camping and rock-climbing. Instruction is given in life-saving, first-aid, seamanship and map-reading. Opportunities are also provided for the more cultural activities such as nature study, discussion groups, public speaking, educational films and musical appreciation. Each young man on the course is given a log-book in which he is asked

Right: Fully dressed for the occasion is Philip Cato.



Below: Mike Galvin is pictured here with Hartfield House as a background.



to keep a detailed day-to-day record of what he has done and thought.

For many years now, young members of the MANWEB staff have been selected to go on courses at Applecross. In the main, the choice is made from the craft apprentices who are nearing the completion of their 'time' and selections are based on the work record, progress with the job and general conduct together with an aptitude for such a course.

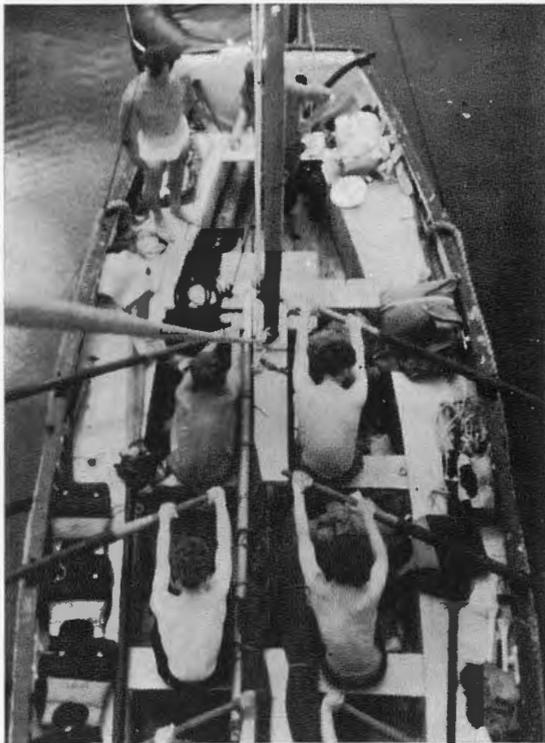
Every year, one of the Hoylake contingent of new entrants is awarded a coveted prize of a trip to the West Highland School for Adventure. In addition, about half-a-dozen or so student engineers are sent on courses there each year.

Last year, among these selected were five young men from the Liverpool Districts. They took the name of MANWEB to Scotland and carved it on the record books at the School. Each attained distinctions for their performance on their respective courses and set a very high standard for the Board's representatives on future courses.

Our reporter went along to talk to this quality quintette and came back with these brief biographies.

* * *

Phillip A. Cato is a 20-year-old electrician based at Lister Drive. His 'free time' is usually spent at the Childwall Valley Community Centre where he is an



assistant Youth Leader. He is interested in football and weightlifting and before taking up his youth club work he played for the Electric Supply team.

"I want to stay with MANWEB," he said, "but not necessarily as an electrician. I would like to move into the Commercial sales field."

On his Course at Applecross he was sailing in some very rough water when the boat's main sail ripped and the mizzen sail collapsed. After trying a temporary job under very difficult conditions, they had to resort to the auxiliary motor to get them out of trouble.

His advice to other young men from MANWEB, "If you are lucky enough to be chosen to go on one of these courses, grab the opportunity with both hands,

THE OBJECTS OF APPLECROSS

to encourage and foster the spirit of adventure whereby boys may achieve strength of character through the pursuit of testing experiences and challenges under skilled supervision; to instil self-confidence, a sense of teamwork and an awareness of the individual's endurance; to give boys the opportunity of showing initiative and developing the qualities of leadership, compassion and community spirit; to introduce new activities to the boys which if pursued by them after leaving the School, will give them a fuller, more enjoyable or interesting way of life.

but don't treat it as a trip to a holiday camp—get stuck in at all the activities and you will enjoy every minute of your stay."

Phillip, who came second in order of merit both for his performance on the Course and for the standard of his Log Book, was awarded a High Merit Rating.

Michael G. Galvin, 20, an electrician from Central District who, like his colleagues, did his initial training at Hoylake where (he tells us) he was the star of their football team!

He too would eventually like to move over to our Commercial sales side, and as he progresses in the industry would like to attain a position of directing others rather than commanding them.

He enjoyed his time in Scotland with the sailing, rock-climbing and camping. This whetted his appetite and he now spends most week-ends in Wales or the Lake District on camping and fishing trips.

On his last day at Applecross, Mike jumped from a twelve foot wall and twisted his knee—his friends

This crew of young men from Applecross bend their backs and show their muscle power as they pull on the oars of this rather hefty boat.

Camp site. An ideal spot, close by a lake, to pitch the tents during one of the outdoor expeditions. Here the weather was kind enough to allow for a spot of bathing.



said it was only an excuse to get off the cross-country run! However, the injury turned out to be cartilage trouble and he limped home to have an operation and spend a few weeks hobbling about on crutches. Happily he is now back at work on two sound legs.

Before leaving Applecross he was presented with the Outstanding Log Book Award and finished in fourth place on his Course gaining a High Merit.

Brian Alan Murrow is a 20-year-old electrician working from Marsh Lane who got himself engaged last Christmas to Miss Jane Dowsett who works in a bank—couldn't be in a better place! Away from his work, Brian spends his time as a Cub Instructor with the 12th Crosby Scout Troop, plays football for the Electric Supply team and enjoys camping and swimming.

As far as work is concerned he thinks it much harder today for a man's work to be seen to be appreciated than it was in days gone by. He said that he realises that good results in examinations are essential if a man is to get anywhere with his career. However, he didn't favour the 'one-day release' system but would rather see some kind of block release for a

THE LOCATION

Applecross is situated in Ross-shire on the west coast of Scotland opposite Skye. It is about 80 miles from Inverness and some 15 miles north of Kyle of Lochalsh. The Applecross peninsular covers 80,000 acres and is an area full of scenic beauty and grandeur.

Facilities are ideal for sailing, canoeing and swimming, rock climbing, hill and moor trekking, light-weight camping and expeditions. Weather permitting, each course ends up with an expedition, partly by sea and partly on land, lasting up to eight days.

few days at a time for swotting just before the vital examinations.

At Applecross, Brian was the Outstanding Student of his Course and passed with a High Merit mark.

Peter M. Simcock, another 20-year-old who works as an electrician on telecommunications at Lister Drive where he spends his days installing and

maintaining the Board's telephone systems, P.A.X. equipment and the mobile radios in our service vans.

He is another young man on the marital trail when he became engaged recently to Miss Irene Jones a punch-card operator. He is a keen dancer and plays football and badminton.

He says that providing he can keep in sight the opportunities ahead, then he would like to stay with the Board for he really enjoys his work.

Peter, who holds the Gold Standard in the Duke of Edinburgh's Award Scheme, had these comments on the School—"I enjoyed the canoeing and the sailing, and the climbing was a 'gas.' On the food front, the calory-controlled diet was fine, but as a tummy-filler it wasn't so good."

He was the Outstanding Student of his Course passing with High Merit and he thought it definitely worth while taking time out to go on the Course.

George A. Vose, a meter mechanic at Lister Drive, is also a "mid-field star" (his very own words) in the Electric Supply football team. He is a keen dancer and enjoys singing.

Now 20 years of age, he is studying electronics at the North East Technical College in Liverpool.

He has definite views on the Board's Payment and Productivity Schemes in that he thinks the bonus payment is fine and while the overall scheme is pretty good, it doesn't have enough allowance for apprentice instruction—or maybe the allowance isn't being correctly used.

George was the Outstanding Student of his Course, passing with Honours. He commented that the School tended to bring out a person's true character, and the many differing problems one had to sort out at Applecross most certainly helped on return to work. "The food was good and wholesome—but was in short supply—at least for me!" he said.

* * *

Well these five very active and interesting young people are just a sample of the new blood we are getting in our Industry today. With youngsters like this we need have no fears or misgivings about the future.

'Bobby Beacon' aids road-safety drive in Cheshire

ONE MORNING a few weeks ago, Inspector Brian Jackson, an officer in the Cheshire County Constabulary, called in at our Test Laboratory at Pumpfields in Liverpool and solemnly grasped the shoulders of Mr. Jim Lornie (*senior assistant engineer—Technical Services*) and Mr. Harry Sharples (*assistant Testing Engineer*) and requested that they should accompany him to the Oldham Police Headquarters where he hoped they would be able to help the police with some enquiries they were making.

Somewhat taken aback, our two men from MANWEB went quietly to Oldham where they were confronted with "Noddy"—a talking belisha beacon!

It was quickly explained that this was used by local police instructors when they visited schools in the area to talk to children about road safety. "Noddy" had captured the attention of the youngsters who had listened attentively to his warnings and safety messages. All in all, it was a very good idea and successful project.

Inspector Jackson then formally charged our men with the task of making a similar model for use by the road safety section of the Cheshire County



Harry Sharples adjusts the lips for synchronisation as Don Richardson (*apprentice electrician*) speaks into the microphone.

Police Force. *If Dr. Who could have a police control box which moved from place to place, there was no reason why we couldn't have a belisha beacon which the police could move from place to place!*

On their return, plans were soon prepared by the staff at our Test House for a prototype model of a walking-talking belisha beacon. The first problem was to get hold of a beacon bowl and after dismissing all the recognised ways of obtaining one, it was decided to take the unusual approach and ask the police authorities for one.

An intensive search was made in a variety of places in and around Liverpool to get hold of other parts for the model. At the "Wizard's Den," the ears, nose, lips, moustache and glasses were found. Second-hand bicycle shops were scoured for spindles and driving wheels, and meccano and radio dealers were visited for small gearing parts. A sports shop supplied ping-pong balls which were to be used as the eyes.

Then came the delicate task of constructing and transplanting the brain. Two windscreen wiper

(*continued opposite*)



Mr. Alan Edmonds (*installation inspector*) left, and Mr. Tom Owen (*Testing Engineer*) make a final check on the leads and connections in the base box.

Course 245



From left to right: Mr. C. Owen (*salesman, Llandudno Junction*), Mrs. J. Davies (*saleswoman, Pwllheli*) and Mrs. M. Roberts (*saleswoman, Birkenhead*).



at Wallasey

From left to right: Mrs. M. Murray (*saleswoman, St. John's Precinct*), Mrs. A. Chisholm (*saleswoman, Shotton*), Mrs. L. Taylor (*demonstrator, Clwyd District*) and Mr. K. Jervis (*trainee salesman, Bootle*).

'BOBBY BEACON'—continued

motors were utilised for the vertical (*yes*) and horizontal (*no*) movements of the head. An electronic time circuit was connected to two small bulbs fastened behind the eyes and flashed them into life. It was agreed that the mouth movements should be governed electronically from the output of an amplifier system through a solenoid so that when someone spoke into the microphone, situated well away from the model, the sound waves would trigger off the lip movements.

The head is joined to the beacon pole by a piece of flexible ducting from an electricaire installation and makes a fine neck through which the main control cables pass.

In the base of the model is a 12-volt battery used to supply all the power necessary for the small motors and ancillary equipment as well as the motor which drives the model forwards and backwards.

Remote Control

Everything is operated from a control box at the end of a 60-foot 12-core lead. Relays are incorporated into the base box to compensate for the five-and-a-half volt-drop in the long lead. The control of the motors for the vertical and horizontal movements of the head is through a 'joystick' on the control box operating micro-switches. The exact position of the head is indicated to the operator by an ex-R.A.F. angle-glide instrument mounted on the control box.

Mr. Bill Rogers, (*3rd assistant engineer*) Head

Office, was roped in to advise on the electronics side of the operation and after much painstaking work and searching of the inner reaches of the brain boxes of all concerned, "Bobby Beacon" was brought to 'life' and following successful trial runs, will be officially handed over to his foster-parents—the Cheshire County Police.

Obituary

It is with deep regret that we record the tragic deaths of two former colleagues at Crewe.

Mr. Harry Machin, senior draughtsman, died a few weeks ago after a short illness. He was 40 years of age. A most popular member of the staff, his enthusiasm for his work and on the sports and social side will be sadly missed. He leaves a widow and four children to whom we extend our sincere sympathy.

Miss Glenis Johnson, who worked as a clerk in the Administrative Section, died suddenly a short time ago. Glenis, who was only 23 years of age, will be sadly missed by her many friends at Crewe and on their behalf we extend deepest sympathy to her parents.



Nurse Dorothy Davis

The World of First-Aid

A welcome newcomer to MANWEB is Mrs. Dorothy Davis, R.G.N. who has come to us from Kirkcaldy in Fife to work as our staff nurse.

Nurse Davis (*please notice no 'e'*) did orthopaedics at Falkirk prior to her general training at the Victoria Hospital, Kirkcaldy, where in her final exams she became "Nurse of the Year."

Her post-graduate work at the Victoria included a spell on casualty and nursing in the intensive care unit and in the operating theatre.

She hopes to settle in Buckley with her husband Tom who is a dental technician. They have two sons, one in the R.A.F. serving in the Persian Gulf, the other in Dundee after service with the Black Watch Regiment.



Dr. J. G. Fox

LECTURE TO FIRST-AIDERS

More than 50 First-Aiders, from Head Office, Dee Valley District, Mid-Cheshire District and the Electricity Council Research Centre at Capenhurst heard an interesting lecture on "Diabetics" given by Dr. J. G. Fox, the Board's Medical Advisor. All are members of the Merseyside and North Wales District Branch of the Electricity Supply Ambulance Centre. Our picture shows most of those present.



TESTING TIME at Hatton Garden



The pictures on this page show a First Aid examination in progress. These are held regularly throughout the Board following a course of instruction given by qualified instructors.



If you are interested in First-Aid work—and would like to be trained so that you would be of some help in an emergency at work, at home or on the road, then get in touch TODAY with your District Administrative Officer, or, at Head Office, with the Welfare Section.

IMPROVEMENT OF 11,000 VOLT OVERHEAD LINE PROTECTION

Continual monitoring and analysis of the 11,000-volt overhead line protection performance, particularly from the point of rapid clearance of earth faults, has led to a new design of relay which will improve safety and security of supply.

The new relay, manufactured by Messrs. A. Reyrolle and Company Limited, integrates the functions of a number of conventional type relays into a single case. This is achieved by the use of advanced transistor circuitry and gives maintenance-free operation over a long period. It also requires less space for mounting and has the advantages of simple installation and commissioning procedure.

Preliminary specifications for the relay were discussed a few years ago when Mr. Arthur F. Vidler (senior assistant engineer—Technical) and Mr. Arthur A. Booth (2nd assistant engineer—Protection) met with Mr. J. B. Patrickson, Messrs. Reyrolle's Engineer-in-Charge of Power System Protection Research and Development.

As a result of their talks, five prototype relays were manufactured and put through some exhaustive functional testing by MANWEB's Technical staff before being installed at the Board's Llanfaelog substation on the Isle of Anglesey.

During the following twelve months, staff from Rhostyllen and Anglesey District co-operated with the special site tests which had been devised to evaluate the performance



Down the centre of the picture are five prototype relays together with some of the test equipment used during the field trials in Llanfaelog substation.

of the relay under normal switching and fault conditions.

With the experience gained by these tests and further discussions with District engineering staff throughout the Board's area, a final specification was prepared.

It is anticipated that the first production models of the agreed final design will be ready for installation in our substations this year.

The success of a project like this depends to a great extent on the information provided by men on the spot in the Districts during the development period.

SING WITH GLEE —NO MORE

The famous MANWEB Glee Club, formerly based at Rhostyllen, has decided to sever its connections with the Board after a period of some 15 years. Their new name is "The Hylites."

The main reason for the change is because the group is no longer entirely made up of MANWEB employees and their relatives.

It is also essential to have the backing and full support of an established manufacturer.

In the case of this new relay, the Men from MANWEB and the Reyrolle Company Research and Development team worked very well together to achieve further safety and security of the overhead line supply network.

We heard recently that Messrs. Reyrolle have now secured some orders from overseas to provide similar equipment.

What MANWEB does today—the world follows tomorrow!

Now, only 40 per cent of the 32-strong group are Board employees.

They already have many bookings in concert and cabaret and their engagement book includes a trip to London to sing in the famous Nashville Room and to have a recording session with the B.B.C.

Their vocal director is still one of us, Mr. Emyr James who works in the Drawing Office.

Heatex '71 ends its run at Huyton and Holywell



At the official opening of the Exhibition held in our Huyton shop a few weeks ago, from left to right: Mr. H. Telfer, (Group Manager), Mrs. Brown, Miss Hilary Panting (The "Girl from MANWEB"), Mr. T. B. Brown (Chairman of Huyton Urban District Council) and Mr. R. I. Jowett (District Commercial Engineer, Liverpool).

The planned tour of the 1970-71 season for the Heatex '71 Exhibition concluded with visits to—Huyton in our Liverpool District and Holywell in our Clwyd District. The stands and display units have been transported and erected, shown and then taken down at sixteen places within our area, and each District has had at least one exhibition.

While in the main, the exhibitions have been directed at the general public, response from County Councils and Local Councils has been excellent, with opening ceremonies being performed by leading officials at many places. With housing officials, architects and builders calling in, we have had increasing opportunities to quote for larger jobs involving electric central heating and electric water heating installations.

During the period of each exhibition, a fair amount of business has been done, but the follow-up enquiries, some lasting over many weeks, have brought in still more business.

Some members of the civic party from Holywell Urban District Council who attended the official opening of the Heatex '71 Exhibition at the Assembly Rooms in Holywell. From left to right: Mr. F. Long (Chief Financial Officer), Mr. W. Isherwood (Surveyor), Mr. D. R. Mellor (District Commercial Engineer, MANWEB), Miss Hilary Panting (The "Girl from MANWEB"), Mr. R. Woodruff (Clerk to the Council), Mrs. R. J. Flaxman (Chairman of Holywell U.D.C.), Mr. Flaxman and Mr. B. G. Baxter (Energy Sales Engineer, MANWEB).



Tripartite discussion at Huyton, from left to right, Messrs. Mal Cooper (energy sales assistant), Tom Saladine (District Sales Supervisor) and D. G. Chalmers (Energy Sales Engineer).



WEDDINGS

REILY—LYDIATT

Our heartiest congratulations go to Mr. Michael Andrew Reily, a compositor with W. H. Evans & Sons Ltd., printers of this magazine, and to Miss Pauline



Mr. and Mrs. Reily

Anne Lydiatt, a clerk in our Accounts Section at Head Office.

The ceremony took place recently at St. David's R.C. Church at Mold.

WILLIAMSON—PHILLIPS

Congratulations to Mr. John Williamson, an electrician based at Crewe and Miss Pauline Theresa Phillips on their marriage which took place a few weeks ago at St. Winefrede's R.C. Church, Sandbach.

SULLIVAN—HOOSEN

We send our best wishes for future happiness to Mr. Frank Sullivan, a joiner's mate working from Mold, who married Miss



Mr. and Mrs. Sullivan

Maureen Hoosen recently at Bagillt Parish Church.

Maureen's brother Vic is a joiner at Mold and an amateur cartoonist and from time to time we publish examples of his work in *Contact*.

HOE DOWN AT CREWE

The Wild West came to Crewe a few weeks ago when the District Sports and Social Club organised a "Hoe Down" for members and friends at the Three Phase Ranch. Cowboys and Indians—they had declared a truce—met in the staff canteen which had been turned into a saloon complete with bar and band, while the Conference Room became the corral complete with camp fire, bales of straw and oil lamps.

A number of competitions were held—to find the fastest gun—horse-shoe pitchin' with free drinks for the winners—and the best character dress which was won by old timer Gabby Hayes (who turned out to be Irene Isherwood of the typing pool) who won for the ladies and the cowboy with the red-man's arrow sticking from his chest (nearly the late Arthur Elson) who staggered off with the men's prize.

A cowboy breakfast of bacon, beans and jacket potatoes, prepared by the squaws of the Social Committee was enjoyed by everyone. 'Rancher Walsh' (District Commercial Engineer) played the 'peana' for the sing-song round the camp fire to round off (or up) a very enjoyable and unusual evening.



ENGAGEMENT

We are very happy to announce the engagement of Miss Patricia Hartley, an Accounts clerk in our Southport office, to Mr. Leslie Ferguson, a statistical quality controller with the Pilkington Glass Company.

BIRTH

Congratulations to . . .

Mr. B. G. (Bill) Bayley and his wife Angel on the birth of a daughter, Amanda Jane.

Bill is a service electrician at Crewe.

CHAMPION AGAIN

For the second year running, Mr. Graham L. Green from our Southport Drawing Office has been successful in the British National Championships of the Electric Car Racing Association, when his model of the Lancia-Ferrari, built to Concours d' Elegance standard, won for him the Championship Trophy.

Mr. Green has also written a number of articles dealing with his fascinating hobby.



Some of the Clwyd District Safe drivers who received their Awards from Mr. A. Kidd (Assistant Secretary—Personnel). From left to right: Mr. John Woolley, Mr. John Clwyd Jones, Mr. Douglas Jones, Mr. Kidd, Mr. Thomas Hughes, Mr. Jim Fogg and Mr. Harold Day.

SAFE DRIVERS at Clwyd . . .

Star Bar to 20-Year Brooch: Mr. J. Fogg (*Rhyl*).

15-Year Brooch: Mr. D. Jones (*Mold*).

Bar to 10-Year Medal: Mr. J. Wooley (*Mold*) and Messrs. T. Hughes and J. C. Jones (*Rhyl*).

10-Year Medal: Mr. H. Day (*Mold*).

Bar to 5-Year Medal: Mr. I. H. Williams (*Clwyd*), Mr. W. Taylor (*Mold*), Messrs. J. T. Davies, R. K. Davies, W. O. Jones, I. J. Nethercott, R. G. Roberts, T. R. Williams and W. E. Williams (*Rhyl*), Messrs. M. Evans, T. Fields and D. A. L. Jones (*Ruthin*).

5-Year Medal: Messrs. I. W. Griffiths and F. Thomas (*Mold*), Mr. J. C. Lloyd (*Ruthin*).

Diploma: Mr. E. M. Evans (*Clwyd*), Messrs. H. W. Berry, W. A. Hughes, B. Parry, C. E. Parry, S. Richardson, N. Stanley and E. J. Williams (*Mold*), Messrs. J. Dawson, E. P. Fagan, J. E. Garrett, R. Harkness, S. Howarth, C. Johnson, M. I. Jones,

R. H. Jones, T. H. Jones, C. Kirkman, E. E. Marshall, W. Pendleton, R. Roberts, W. E. B. Roberts, A. E. Salusbury, W. Sutherland, D. Tomkinson, R. Walley, C. H. S. Wheeler and P. C. Williams (*Rhyl*), Messrs. I. W. Davies, R. T. Davies, H. Evans, L. H. Jones and G. Schloegl (*Ruthin*).
Exemption Certificate: Messrs. D. Brown and R. W. Jones (*Clwyd*).

. . . and Llangefni

Bar to 15-Year Brooch: Mr. L. Hughes.

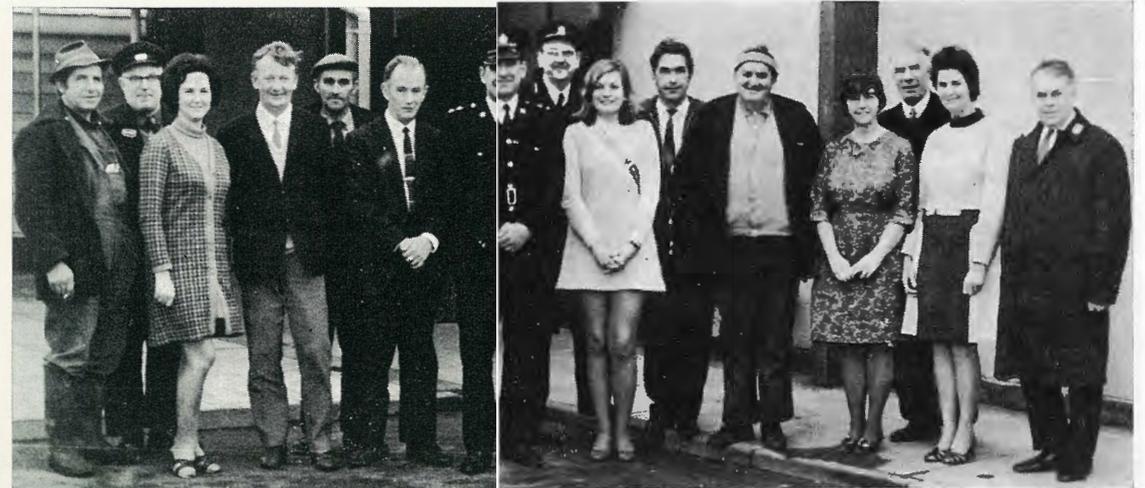
15-Year Brooch: Mr. J. M. Owen.

Bar to 10-Year Medal: Mr. J. Evans.

Bar to 5-Year Medal: Messrs. J. H. Davies, E. E. Hughes, I. W. Thomas, G. W. Williams, H. M. Williams and J. Williams.

5-Year Medal: Messrs. F. J. Keen and H. Thomas.
Diploma: Messrs. A. Jones, E. Jones, J. H. Owen, O. R. Pritchard, L. Roberts, J. R. Thomas, B. V. Williams, E. Williams and W. H. Williams.

The ladies of Llangefni Office were present to see some of their colleagues receive their Safe Driving Awards from Inspector G. Evans of the Llangefni Police Force, who is seen in the centre of the picture flanked by Mr. N. Maden (District Commercial Engineer) on his right, and Miss Peggy Francis (our former "Girl from MANWEB") on the left.





Mr. Eddie Bell, *centre left*, surrounded by colleagues at Marsh Lane and congratulated by Mr. D. E. Noad (*District Commercial Engineer*) on the occasion of his retirement a few weeks ago after 46 years' service in the electricity supply industry. He began his career as a junior clerk with the Liverpool Corporation Electricity Department and was District Senior Clerk for Liverpool North when he finished.

A keen sportsman and an excellent pianist, during the last war Eddie served with the Army and was awarded a Certificate of Merit.

RETIREMENTS

Mr. W. H. SMALLWOOD

A large gathering of colleagues and friends of Mr. W. H. Smallwood (*better known as Jack*) met in the canteen at Lister Drive recently to say their farewells to him on the eve of his retirement.

Many tributes were paid to his 47 years in the electricity supply industry which marked him as a perfectionist and always ready to advise and assist anyone who came to him. We discovered that he was a founder member of the Liverpool Corporation Electric Supply Football Section and in his youth took an active part in football as a member of the Collegiate Old Boys' team.

Before leaving Lister Drive, Jack was presented with a gold watch from his colleagues by Mr. W. Wallwork (*Commercial Officer or the former Area 1*).



Mr. Smallwood, *seated*, with a few of his friends at Lister Drive.

Mrs. Smallwood, who had joined her husband, was presented with a bouquet of flowers.

Mr. H. WALKER

During a period of more than 45 years in the electricity supply industry, Mr. Harry Walker had worked his way through a number of jobs to become a foreman installation inspector before he retired a short time ago.

Harry started his career in the Drawing Office of the Liverpool Corporation Electricity Supply Department in July 1925 and soon afterwards became an apprentice wireman and later electrician.

In 1935 he worked as a meter fixer and in 1952 he was appointed as installation inspector, getting his foreman's stripes ten years ago.

Time to say goodbye as Mr. R. I. Jowett (*District Commercial Engineer*), *left*, shakes hands with Mr. Walker.



The infectious smile of Mr. Muspratt, *centre*, spreads to all his friends who went along to his farewell reception, as Mr. Winchester wishes him a happy retirement.

Mr. R. J. MUSPRATT

A popular character in our Chester District, equally well-known to both customer and colleague, retired recently as many of his friends, past and present gathered to wish a happy future to Mr. R. J. (*Bobby*) Muspratt, electrician since way back.

Bobby served his apprenticeship with former employees of the Board, Messrs. S. Savage and F. Taylor. He then joined Chester Corporation Electricity Department and became a specialist in water heating, plumbing, pump and steriliser maintenance.

In 1939, he enlisted in the R.A.F. and served with Coastal Command doing a variety of jobs. When the war ended in 1945, Bobby was in Italy.

On returning to Chester he again became the

acknowledged expert on water heating until in 1966 illness compelled him to change his type of work, and for the past four years he has been doing a fine job in the Workshop on appliance repairs.

All his colleagues were sorry to see him go, and he will be sadly missed at New Crane Street. At his farewell, Mr. J. A. Winchester (*District Commercial Engineer*) conveyed the good wishes of all the District staff as he presented Bobby with a radio and long-playing records as tokens of their esteem.

Mr. D. KEELING

On the last day of 1970, Mr. Donald Keeling, the District Senior Clerk at Chester retired after a lifetime of public service.

He joined the Wallasey Corporation on leaving

Another happy group at New Crane Street who went along to say their 'Goodbyes' to Mr. Keeling on his recent retirement. Our picture shows Mr. Keeling, *left*, receiving one of his parting gifts from Mr. Shell.



school and came to Chester in 1941 as Chief Clerk in the Corporation Electricity Department, changing his title in 1948 to District Senior Clerk.

Since that time Mr. Keeling has seen the District almost double in size with the taking over of Ellesmere Port and Neston.

He was the Secretary of the Local Advisory Committee and Joint Secretary of the Works Committee and had been a member of the Staff Committee for nine years. In 1959 he served a term as President of the MANWEB No. 3 Branch of Nalگو.

Before making the presentation of an electric shaver and a coffee percolator from the District staff, Mr. T. P. Shell (*District Administrative Officer*) remarked on Mr. Keeling's popularity and to his fortitude and exemplary bearing through the long months of suffering following a road accident in 1966. He joined with all those present and those unable to be there in wishing Mr. and Mrs. Keeling many years of happy retirement.

Mr. S. BARROW

After serving the electricity supply industry for the past 34 years, Mr. Stanley Barrow of our Liverpool District mains section, retired just before Christmas.

It was in 1936 that Stan started with Liverpool Corporation as a labourer before becoming a cable hand. In 1947 he was promoted to chargehand. In recent years he was in charge of reinstatements throughout the District and no job was too much trouble for Stan who carried out his work in a cheerful and thorough manner.

At a ceremony to mark his retirement, on behalf of Stan's friends in the District, Mr. G. Haughan (*District Engineer*) made a presentation of a cheque which Stan will use towards a garden shed.

Mr. Haughan, centre right, presents Mr. Barrow with a parting gift and has a farewell handshake.



Mr. R. I. MILBURN

After more than half-a-century of working life given to the electricity supply industry, Mr Reginald Imeson Milburn retired recently from his job as assistant section engineer at Crewe

He started work at the age of 13 with B.I. Cables at Prescot and in 1927 joined the North Wales Power Company as a linesman. Later he worked as a jointer and became a foreman covering the Nantwich and Sandbach Districts.



Mr. and Mrs. Milburn

Friends and colleagues gathered at Macon Way to wish Mr. Milburn and his wife many years of happy retirement and to see Mr. G. Zeiher (*District Engineer*) hand over a farewell gift on their behalf.

Mr. F. CHYNOWETH

A very quiet and popular member of the staff at



Head Office, Mr. Frederick Chynoweth, retired recently as senior assistant engineer

Our picture on the left, shows Fred, right, receiving a parting handshake from Mr. F. Brown (*Chief Engineer*).



Off to a well-earned life of retirement is Mr. Hogan, fourth from left, who is being wished every happiness by Mr. D. Keeling (*District Senior Clerk*) shortly before his own retirement.

Mr. J. D. HOGAN

A presentation of a radio and a wrist watch was made to Mr. J. D. (*Danny*) Hogan when he retired a few weeks ago from his job as storekeeper at the New Crane Street depot in Chester.

Very popular with his colleagues, Danny had a very unassuming character which belied his varied career prior to joining the Board in 1955.

Born in Ireland, he took part in the War of Independence when he was only 15 years of age. In 1917 he acted in a silent film alongside a six-year-old called Cyril Cusack who is now a well-known actor.

Seven years later Danny went to the U.S.A. and stayed in Chicago and New York. He was once an eye witness to an attempted hi-jacking of a meat carrying vehicle and in the subsequent gun battle Danny sensibly took refuge lying on the pavement.

When he first joined the Board he worked with the mains gang before moving into the Stores.

He has now returned to Ireland, but intends making another trip to the 'States' to visit his sisters before finally settling down.

Mr. I. L. EVANS

After serving the electricity supply industry for the past 41 years, Mr. I Llew. Evans retired from his job as a section engineer at Rhuddlan.

A very popular member of the staff, Llew. joined the industry as an apprentice electrician in 1930 at Caernarvon. His first appointment was as assistant engineer at Criccieth five years later. Later he served as an assistant consumers' engineer in Pwllheli and Barmouth and in 1939 'went away to war' with the R.E.M.E.

He served in India before being demobilised to return to his job in Barmouth.

On nationalisation, he went to Rhuddlan and later became a section engineer at MANWEB's Flint Depot. During the last five years, Llew. has worked from Abbey House in the Clwyd District engaged mainly with public lighting and 'Hot-Line' working.

At his farewell presentation ceremony held a short time ago, his colleagues subscribed to present him with a gold watch, which, on their behalf, was handed over by Mr. L. Griffiths (*District Engineer*).

Mr. Evans, centre left, receives his farewell gift from Mr. Griffiths.

