RANK XEROX

Vision

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The house magazine of Rank Xerox Mitcheldean

Carousels provide the key to quicker service

Ross Stevenson, Alan Baldwin and Chris Hale retrieve parts from the computerised carousels for delivery to refurbishing assembly; coming to the hatch with an emergency order for operator Trevor Pavey is Bryan Hughes.

PARTS FOR refurbishing operations are riding high these days — in fact, they're almost hitting the roof in building 3.

With some 25 models to cater for (that amounts to around 12,000 part numbers) pressure on costly space was increasing; there was only one way to go — upwards.

In investing in Dexion's computerised Stormatic system, a good deal more than just space has been gained, however.

The service to the customer has been greatly improved, with retrieval times speeded up and greater protection for the parts, both as regards quality and security.

At the same time, improvements in the working conditions and safety of staff have been achieved.

The four storage carousels which have recently been installed and commissioned in the WIPLOC stores are 9ft wide but rise to twice that in height, overtopping the ranks of stillages and racks which, for safety reasons, are limited in height.

Said materials section manager Brian Kear, "It would have been difficult to cope without the carousels; they store approximately 1,400 part numbers in 15 per cent less space."

Each cabinet holds something like 350 of the top fastest moving part numbers — neatly pre-packed by the staff (efforts are currently being made to get the vendor-supplied parts delivered in suitable packs).

These fast-moving parts now move faster than ever possible before — in fact, the system is

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cutting down the time taken to retrieve them from an average of six minutes to under two — a significant step forward since waiting for parts to be issued at the hatch has been a major cause of delay in refurbishing assembly.

You can appreciate the saving in time taken when you consider the former routine.

On receiving a requisition the assembly build status administrator (ABSA) would have to check the location of the parts in the stock records (unless it was stored in his memory), then walk round the racks, probably having to take a pair of steps, count out the parts or, in the case of very small ones, bring the tote itself down, go to the scales and weigh them out before issuing them — not to mention having to return the tote or superfluous parts to the racks and put the ladder away.

Today, the parts stored in the carousels come to the staff instead of the other way round.

Each cabinet contains 32 numbered shelves which move round in both clockwise and anti-clockwise directions on a motorised chain loop.

Each shelf is divided into compartments which can be enlarged or reduced as required, and these can, in turn, be segmented by means of removable dividers to suit the different types of part.

When the ABSA has checked the location of the part he keys in the shelf number on the VDU (each carousel has its own stand-alone processor with disk drive).

Then he presses a button and the system, having first worked out the quickest route, brings the required shelf smoothly to the well-lit opening at just the right level for the operator.

Alan Baldwin keys in the shelf locations for a number of orders; up to ten can be keyed in at one time and the carousel system presents them in the fastest sequence. The VDU displays the picking commands and works with the light bar indicator to identify the shelf location.

Discussing the benefits of the new storage system in refurbishing materials department are (from left) section manager Brian Kear, manager Roger Smith, and Chris Cinderey, materials business consultant.

In fact, up to ten locations can be keyed in at the same time, and the system works out the fastest sequence for presenting the shelves.

Not only that; although part numbers are marked at the front of each compartment, a light bar on the worktable indicates the position of the required compartment on the shelf, thus speeding up the picking still further.

Being totally enclosed, the parts are protected from dirt, dust and damage, and can be securely locked up when the carousel is not in use.

Should the controls fail, the whole system doesn't grind to a halt with the parts out of sight becoming inaccessible.

First there's a handset which, when connected up, will get the merrygoround moving in either direction. If that should fail too, there is a good old starting handle which will bring the shelves round slowly but surely.

Another safety plus — the carousels don't eat fingers! Safety contact bars between the shelves and the top and bottom of the opening prevent this; and after they have come into action a safety sequence on screen has to be gone through and the password given before the carousel will continue to function, having automatically returned to shelf 1.

Since it cuts down the amount of bending, stretching and climbing among racks that the staff have to do, the system makes their job that much safer and pleasanter and brings it into line with our technology elsewhere.

In fact, the whole of the WIPLOC stores area is in process of being upgraded —but that's a story for another issue.

The carousel system is itself capable of considerable further development.

Says Roger Smith, "We have started off with a basic system; phase 2, when approved, will see the system linked up with the Mitcheldean materials control system (MMCS) and computerisation of the manual stock records."

When this happens, it will only be necessary to key in the stored part number and the system will search for the right shelf location and bring it round.

In short, our materials people have picked a storage system with great potential for improving our efficiency.

First desktop laser printers in refurb.

THE XEROX 4045 is the latest in the widening range of laser printing models now being refurbished at Mitcheldean.

The company's first desktop laser printer, the 4045 is a low cost, compact 10-page-per-minute xerographic printer which can be used as an occasional office copier.

It forms part of the Documenter system, a powerful and versatile personal publishing system which also features the Xerox 6085 workstation.

The 4045 printer can be connected to computer systems and clusters of workstations. As a result, copy volumes go up rapidly; the average volume was reckoned to be 5,000 copies per month, but this has since doubled.

There are many variations in configuration and this necessitates close co-operation between ROS (refurbishing operations support) engineers and refurbishing materials people, now co-located in the north annexe of bld.3.

Michael Smith was made responsible as sole engineer on the 4045 over a year ago and he has since been joined by Richard Andrews. They have set up and developed a refurb. process which they have proved out on the first machines, and these were shipped back to Germany during April.

Our picture was taken in the new facility set up on the assembly floor which provides an air-conditioned environment for the refurbishment and associated fast repair servicing of all laser printers and other electronic printing systems.

Materials analyst Derrick Kear (left) discusses Xerox 4045 requirements with ROS engineers Richard Andrews and (right) Michael Smith.

Moves to make the most of space

Pictured at one of the weekly planning meetings are (clockwise) Mike Wilkinson, Phil King, Roger Hughes, Keith Jones, Roy Harrison, Mike Cooper, Alan Carney, Terry Davis and Martin Exell. Displayed on the wall is the work loading schedule — all has been completed to plan so far.

SPACE STRATEGY — it's a term that suggests plans on a national scale for expanding operations in outer space!

But here at Mitcheldean we are pursuing our own style of space strategy, our aims being to improve the utilisation of space by consolidating our operations within our major buildings.

The less we pay out in rates, heating, lighting, decorating and suchlike, the more competitive we can be; at the same time we want to release more space to the Rank Xerox Business Park so as to encourage more businesses and jobs into the area and on to the site.

This has already happened in the MEWS where occupancy is now at its highest ever at 92 per cent., and some 340 people are employed.

And at the time of going to press we heard that the top storey and part of the ground floor of bld.13 had been leased to the UK Co. for the storage of off-lease machines.

Our space strategy consists of four major projects which affect all the main Rank Xerox buildings in the Business Park:

- The vacation of the northern end of the warehouse bld. 1 (with the exception of the north-east corner) and the consolidation of activities into the south end.
- The vacation of bld. 4 with the transfer of small copier operations to bld. 3.
- The consolidation and re-layout of refurbishing activities in blds. 3/2 and 5/1, involving the re-location of the harness section, the RFI (radio frequency interference) test area and the product training centre to bld. 6/1 where the NatWest Bank are installed.
- The remaining space in bld. 6 is earmarked for the development of a site service centre.

It is also intended to vacate further space in the main office buildings.

Before any decisions were made regarding their requirements, individual project managers Keith Grant (refurbishing), Brian Buckland (small copiers) and John Court (bld. 1) had discussions with people representing many different aspects of our activities.

All these projects have an impact on each other, and in order to pull together the priorities and financial implications, planning & control manager Phil King was last year appointed overall project manager, while Mike Cooper, as works engineering manager, has the responsibility for getting things 'moving', literally!

The biggest problem is controlling the resources in line with the priorities, and Phil and Mike, together with works engineering staff, get together once a week to discuss plans and review progress.

The work programme has been broken down into 32 separate projects. At the time of going to press we had progressed to about one third of the way through, the major remaining drives coming with the move of the 1025/1038 line into the ground floor of bld. 3 during the spring shutdown, and the transfer of the 1012 line to the floor above during the summer shutdown.

Opportunity to improve

These moves have presented an opportunity to improve and upgrade the facilities involved. For example, a major lighting project is bringing a better light to bear on the various types of work carried out (see feature on centre pages).

Building 3, which now becomes our prime assembly facility, has had more than a spring-clean.

Lighter, cleaner colours combine with the new lighting fittings to produce a brighter atmosphere, and new offices and a more open style of workstations with minimal overhead structures have transformed the area.

Representatives from the shop floor participated in the selection of the décor and facilities, and full-size trial workstations were set up in different colour schemes so they could see the effect 'for real' before decisions were made.

Refurbishing operations is getting an uplift with the provision of up-to-date equipment such as the storage carousels (see cover story) and new layouts, the intention being to upgrade the total environment for this very busy aspect of our operations.

In order to make room for the 1012 line, the refurbishing of engineering products has been transferred to bld. 5 and, so as to make room for that, the harness section, itself a growth area, has been provided with an attractive new facility in bld. 6/1 where new automatic harness-making and wire-cutting machines have been installed.

On the same floor are the brand-new, much enlarged product training centre, equipped with a mini-assembly line and a lecture room; the new RFI test centre; and the NatWest Bank.

All these facilities deserve individual treatment in 'Vision' and we'll be featuring them in future issues.

Other improvements have been built in as work proceeds — the widening of the road between blds. 3 and 5, the provision of reception areas in main buildings and a 50 per cent. reduction in the number of doors, for security reasons.

All the work has been completed on schedule so far; critical work has been carried out over the weekends and there has been close liaison between works engineering and the 'customer' to ensure any impact on production is kept to a minimum.

"In fact," says Mike Cooper, "if there is one single feature that has been outstanding, it is the excellent liaison between section managers and works engineering".

Expressing his great satisfaction with the level of commitment and creativity displayed by the members of the project teams and their managers, Phil King added: "There are a number of reasons why the project must succeed, the most important of which is our need to be more competitive and to operate with less space; independent research has shown that our competitors get up to 40 per cent. more output per square foot than we do.

"In addition to this we have to maintain maximum flexibility to ensure we are capable of taking on any new business we can get.

"Finally, we need to get it all right first time."

Any news for Vision?

If you have, then please —

mail it to me in bld.7/4,

or leave it at any gatehouse for collection by me,

or post it to me at Tree Tops, Plump Hill, Mitcheldean GL17 0EU,

or ring me — ext.566 or Dean 542415.

Myrtle Fowler, editor

The past is put on display

FILMS, PHOTOGRAPHS and a variety of mementoes vividly evoked the Mitcheldean scene over the past 40 years when the LSA held an informal open evening on 10 March.

The response to the committee's appeal for items to display was splendid. Hundreds of photographs in varying states of preservation had to be sorted through — a long process since people couldn't resist stopping to reminisce!

Then they were put into groups and mounted on 23 boards for display in the clubhouse function room.

They showed people at work and at company and social events, ranging from visits to VIPs to staff fancy dress parties, and the 100 or so who came along had a cheerfully nostalgic time identifying present and former colleagues — and themselves.

There were models of the 605 and Sportster cine cameras, Bell & Howell literature, silver cups won at sports events and LSA dinner menus going back 34 years to when the Mitcheldean branch was founded.

One interesting item was a booklet dated 1941 welcoming new employees to British Acoustic Films, giving a brief history of the company (formed in 1925), and listing its general practices with lots of safety hints.

Changes on site, and in fashions, could also be appreciated by browsing through old copies of 'Vision' — in fact, there was a complete set right from the first issue in May 1960, arousing comments like "Good heavens, there's me on my wedding day!" and "Look at those beehive hair-dos!"

Highlight of the evening was the showing of 8 and 16mm films with Arthur Mason and Robin Berks as projectionists.

Getting a 'silver anniversary' viewing was 'Winners take all', a Cine and Photographic Club comedy film of a car rally held in 1962, which featured some unsporting behaviour on the part of certain competitors and a copper who lost his trousers!

Other black and white films showed our plant, inside and out, during its developing days, and BAF sports events in the '40s and '50s.

These Mitcheldean Olympics included all kinds of races, from straight running to wheelbarrow, obstacle and three-legged races; owing to the disparity between the filming and projecting speeds, some of the athletes appeared to be going faster than the speed of sound and at least one man fell down (tripped up by his long shorts?).

To be repeated

Altogether the evening was a very successful experiment — and one that it is planned to repeat.

As chairman Alan Phelps said: "We've tested the water, and we now have yet another excuse to get together."

Although some of the items were lent just for the occasion, many were donated to the LSA for their archives and these will be maintained by the committee of the day and be available for viewing any time in the future.

The items lent will be returned as soon as possible. The committee have been kept very busy with arrangements for the highly successful annual dinner which we'll be featuring in our next issue, but they will be getting round to the task — and it's quite a big one — in the ensuing weeks.

Fred Wickstead and his wife reminisce with (centre) Arthur Mason and his wife.

Robin Berks puts some old films on screen.

Maurice Pask, Bernard Smith and Richard Skyrme enjoy a chat.

Getting a close-up of old sports day pictures.

Twenty-seven years' issues of 'Vision'.

They've just joined

THE FOLLOWING have recently been welcomed to the membership of the LSA: Dick Delahay (product engineering), Albert Drury (refurbishing operations), Eddie Sleeman (production stores), Clarry Games (works engineering), and Malcolm Dickson who is on secondment to Modi Xerox, India.

The committee are just a little apprehensive about the last named — what do they do if Malcolm, in response to their routine enquiry, says he would like transport to the annual dinner?

A letter from one of the 'early chaps'

Cyril Woodward and his wife.

THIS TIME last year a group of long-servers attending the LSA dinner signed a card conveying their greetings to the association's most senior member — Cyril Woodward — on his 91st birthday.

The card and a framed photo of the group were personally delivered by chairman Alan Phelps to Cyril, now 92 and living at Kingsteignton in South Devon; he was delighted and promised to write in due course to "all friends at Rank's".

Despite suffering from gout in the joints of his hands, he fulfilled that promise with a most interesting ten-page letter.

Obviously we can't reproduce it all here, but the following extracts throw a further light on those early days.

When he returned from France in 1919, Cyril decided to operate as a self-employed electrical contractor in London.

It was at the London Palladium, where he saw and heard the latest sound equipment — Philips 200W amplifier gear for cinema projectors — that he met the chief engineer of British Acoustic Films who asked him to take on installation work for them and also do sub-contract work.

"One job I remember quite well was the electrical installations for the BAF projectors in Alexandra Palace for the first official BBC television service — London 2LO — in 1936. At the time the Palace tower was being altered for the gear and aerial. Two firms — Baird and Marconi — were then competing for the system of transmission of films and live shows."

Cyril continued to do installations for the NAAFI, and Army and Navy camps, and he particularly recalls one job at Lydd in Kent, installing complete gear at the Naval Engineering College for a new cinema and dance hall. This was during the evacuation of our troops from France.

An exciting time

Although all personnel there were clearing out, the team went ahead and installed the cinema equipment, regaled by the sound of dog fights in the air all day.

"Several of the workers left to get their boats and go across the Channel to pick up our chaps — a very exciting time, and we were glad to clear off!"

Cyril was then asked by the late Tommy Law, BAF director, to take on installation work at the new Mitcheldean factory being set up in the disused Forest Brewery, and he arrived on site "with two service engineers, one millwright carpenter and lots of plans.

"The old maltings were still in production with Sam (Newman) in charge. His furnace was very welcome at times with 4ft of snow in the yard.

"Watkins of Coleford had bought all the vats and piping and any beer machinery, and were leaving large holes in the floor with just a catwalk around."

The machines brought down from Woodger Rd., Shepherds Bush in London, were all belt-driven with counter shafts, and a trench had to be dug out across the machine shop floor (in the brewery cellar) to take the main driving shaft.

The main switch panels were made up from old iron and other materials from Coleford since "material was very difficult to get, and fluorescent lighting was only just coming in.

"When the electrical, gas and air services were ready, two girls arrived from London to work the machines and their only central heating was two old oil barrels with holes punched in them. Coke was 2s. (10p. in today's currency) per sack from Mr Little's gas works."

More workers arrived from London every week and Mr Hunt, the housing officer, had a difficult job getting them fixed up with accommodation.

Mr Toomer came down as manager, Cyril recalls, and the late Bob Baker took over management of the machine shop.

BAF carried out various Government contracts in the next few years and Cyril recalls how Ray Camp, in charge of the experimental department, Bill Goody and others were involved.

Later the old maltings building became vacant and was laid out for production of cameras and projectors under the management of Pat O'Hare.

Cyril was able to do a few installations of projector equipment for the Services and servicing of equipment at local cinemas in the Gloucester and Hereford area.

Then, as he explains, "I gave this up when the 'New Building' (now bld. 11) was being built and took on with Ernie Blaich the full plant maintenance, which was my job right up to my retirement at age 66."

Cyril says he often wonders how many of the "early chaps" are around. If any of them reads this, we're sure he'd be delighted to hear from them — his address is: 12 Templars Way, Kingsteignton, Newton Abbot, South Devon, TQ12 3NX.

Tank uplift

ASSET RECOVERY make a significant contribution to ROA (return on assets) by disposing of material ranging from tiny electronic chips to this 37-ton oil tank, which represents the biggest deal in terms of bulk they have ever handled.

Measuring 55ft long and with a diameter of 12ft, its removal from behind the north-east wall of bld.1 was very tricky.

Two 30-ton cranes were brought along for the lifting operation; and the trailer, since it couldn't get out forwards, had to be reversed round the corner where it 'did a bit of gardening'. In fact, some oil had to be sprayed on the ground to reduce tyre friction whilst negotiating the turn.

The whole operation took three hours, fortunately incurring no charge to Rank Xerox.

The oil supply has now been transferred to boilerhouse 3 and its former home is being used for storing salt ready for winter snow.

Throwing new light on the site

TODAY WE'RE seeing things in a better light on site, and that's not just because of the spring sunshine.

Most of our light fittings were installed when the buildings were erected; and although at the time they were perfectly satisfactory, by current standards they left something to be desired, apart from which spares have been getting increasingly difficult to come by.

What was needed was better lighting with lower running costs.

Thanks to new developments in lighting technology this is now not only possible — it's happening.

Our works engineering people have embarked on a project to upgrade the lighting — primarily in production areas — and at the same time cut down on the electricity bill.

One such development is high frequency fluorescent lighting, and the first area to enjoy the brighter benefits from this has been the assembly facility set up for a new product on the ground floor of bld.3.

Called Color 84, this new fluorescent scheme has increased the lighting to an average of 950 lux — more than double what it was before —and brought it close to the level we see in supermarkets while achieving a saving on running costs.

Says Terry Davis, who is in charge of electrical projects: "This is in line with Xerox policy; in fact, we had already installed the new system before we received the corporate recommendation, and we are one of the first companies to adopt it."

Installation is not simply a question of changing the lighting fittings. It involves putting in a new control system and special cable trunking — work which has to be carried out after working hours for safety reasons.

A further advantage of high frequency lighting is the elimination of stroboscopic effect. Hitherto fluorescent lighting has always had to be 'phased' so that the natural (but normally unseen) flickering of one set of tubes is balanced with another.

The new system doesn't have to be phased, however, and the fittings are lighter in weight — all of which makes for easier installation.

The lights come on immediately and there's no flickering when the tubes start to fail.

This high frequency fluorescent system is now being installed in refurbishing assembly on the top floor of bld.3, with completion about the end of the summer.

Bld.5 represents a bigger undertaking and installation here is expected to continue until the end of the year.

Eventually all the main lighting in production areas will be of this type.

The only exception is in the harness section in bld.6/1.

While in the area dedicated to the new automated harness-making and wire-cutting machinery, high frequency has again been the choice, in the manual harness-making section the staff (at their own request) have the fluorescent lighting they worked under in bld.5 before their relocation.

This is also called Color 84 and, although not high frequency, it gives the same good colour rendition — in other words, all those multi-coloured wires are seen in true-to-life colours.

The rest of the department is lit by the best of existing fittings which have been refurbished to a high standard.

The creation of a new mezzanine building within bld.1 presented works engineering with an ideal opportunity to try out yet another new type of lighting.

While the ground floor, where goods receiving/inspection are now located, has the benefit of the high frequency system, the offices upstairs have been equipped with uplighting.

This system, which has been adopted at the new Rank Xerox headquarters in Marlow, is specially suitable for areas where there are many terminals in use, because the light is directed upwards to the ceiling, and the graduated brightness cuts down those unwanted reflections on VDU screens.

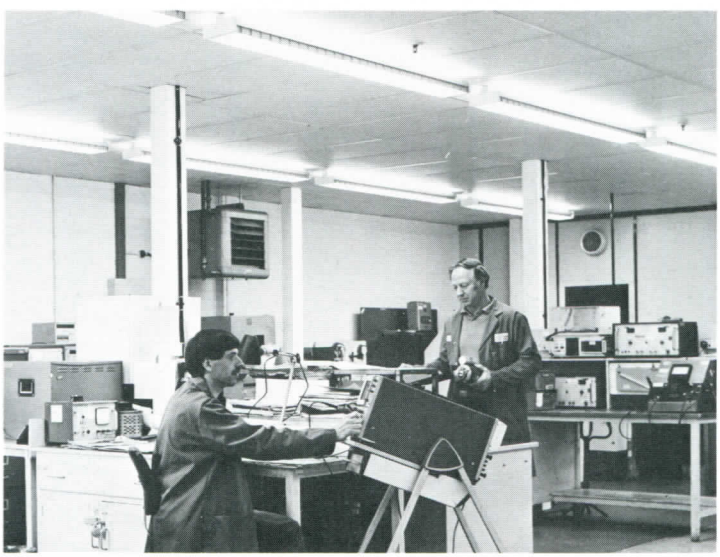
The Mitcheldean uplighting is of the high pressure sodium type which, until the advent of the high frequency fluorescent kind, was the most economical form of lighting available.

Just in case you imagine that all the production stores, import/export and transport staff working on that floor are perpetually bathed in a yellow glow, we should point out that the de luxe HP sodium lamps give a warm but whitish light.

There are 15 free-standing uplighters, each about 5ft in height. They are plugged into the floor sockets to run off a standard 13amp supply, so installation was simple, and, since they stand on casters, they can be moved around easily.

They have other advantages too. The white box at the base of each uplighter not only houses the electrics but also provides sockets for leads from vacuum cleaners and other equipment.

Then there is a glass shelf halfway between the base and the white lamp housing at the top, which is ideal for pot plants (an aperture in the housing lets



High-frequency fluorescent lighting casts a clear light on the electrical section of goods receiving inspection where Paul Coleman is taking a reading from an oscilloscope, while Mike Bennett checks a motor to drawing.

In the mezzanine storey in bld.1, the use of uplighters, which cast a diffused light, prevents glare and unwanted reflections on the many terminals in use. Our pictures show ***left*** *the import/export area and* ***below*** *the production stores administration section.*

a little light shine downwards on them, highlighting their attractions).

This shelf comes in handy occasionally for documents or files, and the stands provide a temporary resting-place for holiday postcards!

The sodium uplighters do take about five minutes to come on fully when switched on at the start of the day, but new square compact fluorescent lights set in the ceiling give sufficient illumination during that time.

Before the decision was made to acquire the uplighters, staff representatives went to Shire Hall with Mike Wilkinson, the civil engineer responsible for the mezzanine project, to see the system working in a similar environment.

Section manager Robin Gibbard and Shirley Hart (production stores) and Jill Drew of import/export talked to the Shire Hall staff about the fittings and decided they liked them. And they still like them!

Said Jill: "I had trouble with the fluorescent lighting we had in bld.2 (formerly 42) — in fact I had to wear tinted glasses when I worked under it; but with the softer sodium light even white paper looks far less glaring."

It gives a better 'overall' image

IT LOOKED rather like a spring sale, with people queuing up to get the benefit of a special purchase.

But the rows of pale and 'blade' blue garments wheeled in on rails had all been ordered in advance by operators and product engineers, materials and quality staff, works engineers and managers.

They signed for and collected their garments and the refreshment areas became changing rooms as they tried on dust jackets, jackets and trousers, button-up dresses and boilersuits — whatever their choice of workwear.

Last year, because of dissatisfaction with the appearance, laundering and other aspects of the existing type, a Mitcheldean Workwear QIP team, led by Mike Stevenson of commodity operations, was set up to consider the provision of an improved type.

As well as projecting a better company image, it had to have the approval of the wearers, and static displays plus a modelling session were arranged so that the staff concerned could view the styles and colours available.

They discussed the garments with representatives of the suppliers, Brooks Textile Rental, and took the opportunity to try items on.

A questionnaire was then issued to establish people's opinions and an order, based on the team's findings, was placed for some 3,000 garments (a set of three per person).

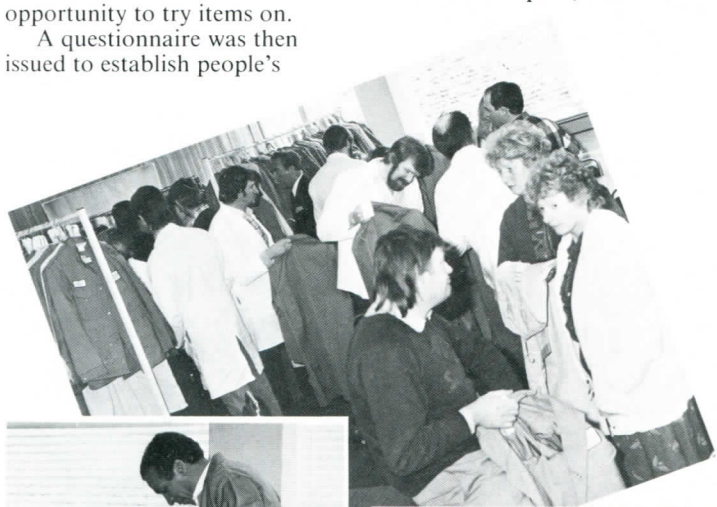
To ensure a good fit they had to be made to each individual's measurements. They also had to bear the wearer's name badge as well as a Rank Xerox badge and, in the case of those entitled to wear one, a special first-aider's badge.

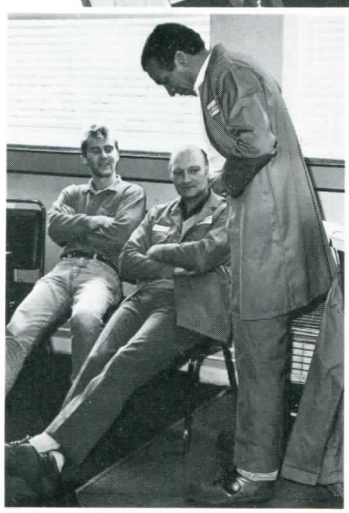
Most people could choose what style they liked; there were just a few areas where the workwear had to be in a specific style to suit the special conditions and type of work carried out.

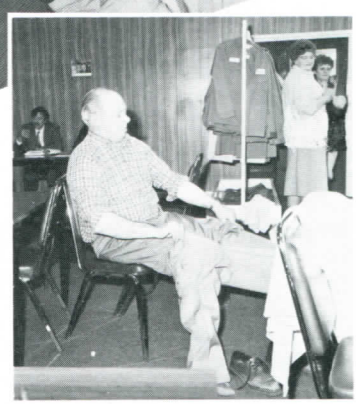
Responsibility for the issue of the workwear and its on-going management was placed in the hands of Alan Carney of works engineering.

The garments arrived at the end of April and two days had to be spent in sorting them. John Watkins, one of the department's contractors, worked hard with the suppliers, and the ladies from Hygiene Services, our cleaners, were roped in to help and "did a grand job."

The actual issue began on 5 May and continued all day, during the night shift and the following day. Alan was pleased to note that "over 90 per cent. was issued to plan," and







The changing scene in bld.4.

Tracey Duggan and Allison Kear in their new blue workwear.

Brooks' regional sales manager said how much he appreciated the help given. The firm carry out many such contracts and our organisation was "better than average."

Despite all the care taken, there were inevitably some problems. Since the original requests for workwear were put in there had been quite a bit of staff movement on site. This meant that some were now working in different areas and the type of work they were carrying out required different workwear from that ordered.

Some people had opted not to have the workwear, but when they saw how good the garments looked and heard the comments ("It's comfortable — and it enables you to call people by their christian name", "I like the fitted cuffs, they won't get caught up in anything") they changed their minds.

A few had even changed their shape — one person had lost 2 stone in the intervening time!

A seamstress was installed with sewing machine and heat-welding apparatus (for fixing name badges) so that minor alterations could be carried out on site, but for major ones the garments had to be taken back to Bristol.

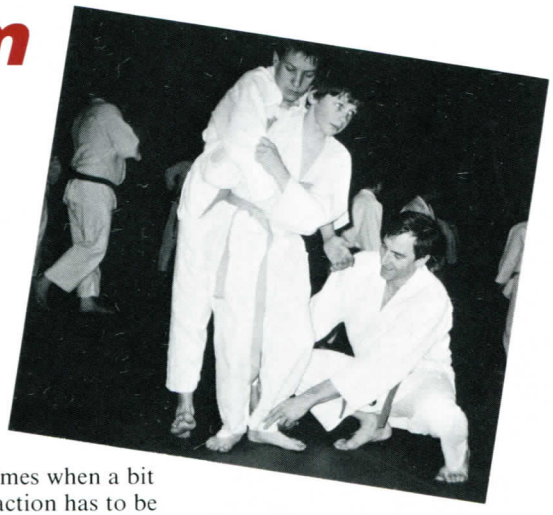
Since each wearer is having a set of three — one on, one off and one in the wash — the issuing and alteration process had to be gone through three times and was still in progress as we went to press.

There were also new recruits who had still to be measured up, so for a time we have seen the old white coats alongside the new polyester and cotton workwear, and it's been obvious how much better the blue masks the inevitable toner and other marks.

The new wave of workwear has certainly made a much better 'overall' impression and made it easier to identify Rank Xerox staff among others in the Business Park.

There's another big plus: the contract negotiated is actually going to enable us to reduce the cost per wearer, says Mike Stevenson.

How Terry keeps them under control



Terry Elson gives instruction on how to carry out a successful hip-throw during a junior training session.

THE YEAR 1975 marked a turning-point in Terry Elson's life, both as regards his career and his leisure-time pursuits.

That was when he left Henry Wiggin of Hereford and joined us as a systems analyst, since when he has progressed to become manager of MIS with responsibility for both systems and computer operations.

Terry had played football for his previous employers; having made one break, he decided to make another, and retire from the game, but not from active sports.

After so many years playing as a member of a team, he felt he'd like to try an individual sport; he considered squash, "but there was such a long waiting list." So he turned to judo. "Now I do both," he told us.

But it is judo in which his progress has been particularly marked — and not only by bruises, an injured arm and a dislocated pelvis!

Today he is a brown belt (1st kyu), having collected white, yellow, orange, green and blue belts along the way.

He got involved with teaching the youngsters in Hereford Judo Club and this, plus attending the numerous gradings and competitions, gave him the idea of becoming a referee.

Being of the requisite grade, he took the regional qualifying examination two years ago and just before Christmas last he passed the national one.

Judo referees, we assumed, must have a better time of it than football referees, who have a lot thrown at them, so to speak.

Terry disillusioned us, however; he does, he says, have to take quite a bit of 'verbal assault' from parents and other interested parties who dispute decisions and register complaints.

It's on occasions like these that the inbuilt discipline acquired during the last 12 years stands him in good stead.

He is also a qualified club coach and official judo instructor at the Hereford Leisure Centre where the club meet; he teaches the junior section, which has about 100 youngsters, and as well as instructing the seniors if needed, he practises with them (he has his sights on a black belt).

The club held an open night last January, with 60 youngsters doing a display before an audience of some 300. Afterwards a school-teacher said somewhat enviously to Terry: "If only I could control my kids like that!"

The judo trainees are taught to respect their instructors, but there must be times when a bit of disciplinary action has to be dished out. "So what do you do?" we asked Terry. "After all, you can't punish them by giving them 50 lines."

"No, but we can give them 50 press-ups to do," he replied.

Expertise in judo sounds just the thing for dealing with muggers and similar nasties but Terry said: "One of the things we insist on is that none of the techniques should be used outside the judo hall.

"However, learning a martial art does give you the confidence to deal with a situation and fend off an attacker."

April/May is an exciting time for the club — it's when the regional and national competitions of the British Judo Club are held, for all age groups.

Terry's club did extremely well at the regional, winning no less than 26 medals, including nine golds.

They took a smaller team to the national event where the competition is naturally much fiercer and, as Terry was happy to report, they came away with eight awards, three of them golds — which is one up on their 1986 score!

It's the UK centre

THE responsibilities of Terry's department have recently been widened. With Mitcheldean and Welwyn now using the same set of manufacturing systems running on their individual VAX computers, MIS was designated the UK manufacturing systems development centre at the beginning of March, providing systems support for both locations.

The last of the weekly pay packets

AT THE beginning of April some 700 Mitcheldean employees opened their last weekly pay packets containing cash!

But it wasn't as alarming as it sounds.

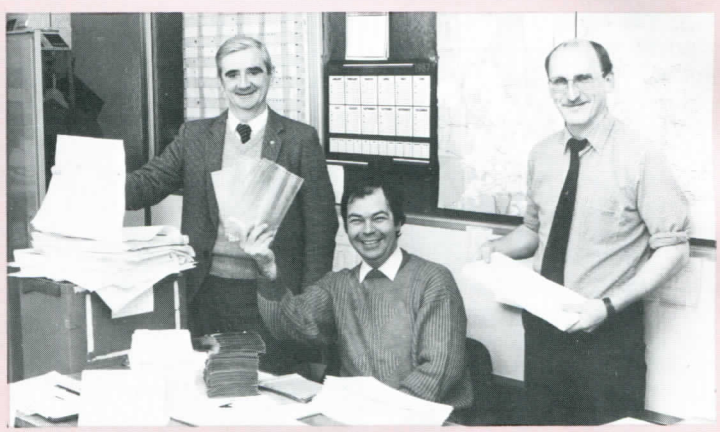
These people were being transferred to the monthly payroll under an agreed arrangement; and, like non-industrial staff and trade suppliers, they are now paid through the Bankers' Automatic Clearing Services (BACS) system.

This came about through recent changes in legislation which enable the company to pay all employees and future recruits by direct transfer.

The fact that all current employees now receive their pay in this cashless form every four weeks makes things simpler and safer; and the arrival on site of the National Westminster Bank, with special cheque-cashing facilities to replace those formerly available through the cashier's office, means there's no problem about getting ready money.

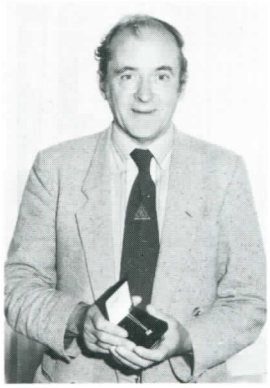
However, the volume of work for payroll operations staff remains pretty constant. "New starters among the direct employees means having to sort out the deductions to be made; and with overtime and shift premium payments to handle we still need to process many documents on a weekly basis," says Brian Chelu, who shares the work of the Mitcheldean/Welwyn payrolls with Chris Hale and Graham Beavan.

It would help them, they say, if we reminded those who have transferred to monthly payment that the correct pay group code for Mitcheldean is now 003.



A historic moment — the preparation of tax week 52 payroll. Brian Chelu is holding aloft some of the last Mitcheldean weekly pay packets to contain cash. With him are colleagues Chris Hale (right) and Graham Beavan.

Trevor Knight, recently appointed manager, payroll operations, told us: "The switch from cash to bank payment brings the continuing payroll improvement project a big step closer to the ultimate goal of one payroll group for all Mitcheldean and Welwyn-paid employees."



Bill Cinderey

John Newman

Richard Williams and Bob Adams

Service awards

40 years

Bill Cinderey is our longest serving employee — a position which he's proud to have held for a number of years.

He came straight from school in 1947 and did his apprenticeship in the carpentry shop under the late Bill Smith who was in charge of maintenance and security.

His pay, he remembers, was at the rate of 7 3/8 pence per hour — about 3p. in today's currency!

Like all young men in those days, he had to do 'national service' when he reached 18 and Bill went into the RAF from 1951/53.

After his return a shop was set up for making cases for Bell & Howell cameras and projectors and Bill joined it as an operator. He became chargehand and then supervisor of the section until the activity was phased out as Xerox machines became our main business.

In 1966 he was offered a job in 813 (later 660) assembly, becoming an inspector, and he has remained in inspection ever since, working on a range of copiers.

He also worked in spares packing for a while before joining small copier operations in 1985 where he now carries out inspection in the cassette, SADH and re-work areas.

Bill has been an AUEW shop steward since 1968 and has also served on the negotiating committee for the industrial unions.

His wife June worked at Mitcheldean at various times, chiefly as a secretary in parts manufacturing and, as Bill pointed out, their joint service adds up to a total of 65 years.

June keeps up her hobby of painting in oils while Bill keeps his carpentry hand in with DIY work at home; at one time he used to make frames for her pictures but today with such a variety of available, he's yielded to the competition!

Bill and June have a grown-up son, Paul, and a daughter, Nicola, who is getting married in July; what with that and his 40th service celebration, "I shan't forget 1987 in a hurry," says Bill.

25 years

Following in the family footsteps, **John Newman** began his career at Mitcheldean in the old maltings building, now in the MEWS.

His father, Sam, who died shortly after the MEWS was officially opened in 1984, had been in charge of the malting operations — like *his* father and grandfather before him; and when the maltings ceased to operate in the mid-1930s, Sam transferred to our machine shop and later small batch, working on progress and shop loading.

We recall featuring him in a February 1961 issue of 'Vision'; just a year later John joined us as one of our first craft trainees, acquiring basic skills in the training school which had newly been set up in the maltings building.

It wasn't the smell of malt but the aroma of cooking which John associates with that time in his life. The canteen was in an adjacent building in those days and by lunchtime the lads' appetites were well and truly sharpened. As John recalls, "There was always a big rush for the pasties!"

After finishing his term of training, John went on to work on autos in the machine shop and, apart from a break when he joined inspection for eight months, he stayed in that section, going to Cinderford with it for ten years. Then in 1985, two years after the section returned to Mitcheldean, he transferred to the pressure/fuser roll centre.

In 1986 he had a spell in both spares packing and also small copier assembly ("I really enjoyed that — it was a completely different world," said John). 1987 saw his return to machining activities and the pressure/fuser roll section where today he operates a CNC machine making fuser rolls for a new product.

John enjoys gardening and was a founder member of our Gardening Society. He also loves to ramble in the Forest with his nine-year-old son and he takes a great interest in local history.

Indeed, his family are a part of it.

Richard Williams has been an assembly man for all his 25 years with us — with the exception of just one year in the paint shop.

He started on Bell & Howell products, since when he has worked on all our models, from the 914 onwards — with the sole exception of the 813.

He progressed from operator to skilled assembly hand to chargehand, in which latter capacity he was involved in the start-up of the 9200, the first of the 9000 series.

He thoroughly enjoyed the challenge — and the three weeks he spent in Rochester in May 1974 with Brian Mould and other members of the initial management team.

Richard was promoted to foreman in 1980; then, a few years later, came that 'exception' — a spell in the paint shop during which time it was transferred from parts manufacturing to refurbishing operations.

He returned to new build assembly and was appointed foreman on the 1025/1038 main line, becoming a section manager last September.

Richard's main leisure-time activity is football, and he has been associated with Ruardean Hill Rangers for about 20 years — as player, committee member and, for the last five years, chairman.

He also helps to run Ellwood junior section. Last year he was manager of the under-14s; this year he is assisting Dennis Boughton with the under-16s, acting as linesman and helping to train a group of lads who include his 14-year-old son Lee.

Lee also plays rugby for Cinderford youth side and cricket for St John's and we weren't surprised to learn that his aim is to be a PE instructor.

Richard plays skittles, too, with the Forest of Dean league team Odds and Ends, and he is currently their secretary. And when they're not doing anything else, he and Lee go fishing.

Richard's wife Joan also worked at Mitcheldean in the 914 days as a time clerk — "but it wasn't until after we'd met that we discovered we both worked at the same place!" he says.

They have an 18-year-old daughter too — Joanne — who is secretary to an electrical firm.

The name on our list said **'L. R. Adams'** but "everybody knows me as **Bob**" said our next 25-year server.

Bob's first job on leaving school was that of a shop boy in Bell & Howell assembly, where he became an operator.

In 1965 he transferred to 813 assembly, and when reconditioning was set up in bld. 6 (then 38) he joined the department to work on the remodelling of the 813 into the 660. It was this which led to his spending 12 days in Venray in 1968 where he helped to train operators to carry out the same activity in the new plant there.

After further work in reconditioning as a line repair mechanic, Bob transferred to new build when he joined 4000 assembly as a mechanical adjuster.

He has been resident at Lydney no less than three times, first with the 660, then with 4000 refurbishing, when he was made a leading hand. When that activity finished, he spent about 18 months in the facility set up in bld. 13 (then 29) for the assembly of printed circuit boards.

He went to Lydney for the third time when the 2300 started up, returning with the 2370 to Mitcheldean; then two years ago he transferred to 1025/1038 FR&T.

Bob plays skittles with a team of mechanical adjusters appropriately named The Tweakers. "We've just been knocked out of the interdepartmental KO," he was sorry to tell us. He first joined them when working on the 2300 at Lydney, at which time the team had the arresting name of the P.560 Kamikaze!

Having served his time at Dowty Rotol, **Glyn Miles** joined as an inspector in the 914 machine shop. This was a separate entity from the Bell & Howell machine shop and was located in the 'Xerox Building' (now bld. 12), until it moved into the ground floor of what is now bld. 13.

Glyn was then engaged on tryouts of press tools. "Three days out of five I was visiting vendors — mainly in Birmingham, Bristol and the Home Counties," he recalls.

He moved to Cinderford with the press shop and then, in 1976, following his return to Mitcheldean, he joined the gauge section within quality engineering department.

In the late '70s, with the move towards statistical analysis, Glyn moved too — into QAE (quality assurance engineering), where today he is involved with the recording and analysis of defect statistics from refurbishing assembly and parts manufacturing.

Glyn was among the members of the 1045 pressure roll yield Top Team in 1985 who later won the coveted RBG award.

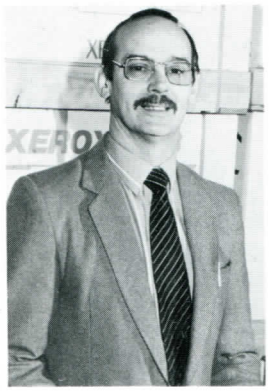
He competed for a few personal awards, too, in the '70s

Continued overleaf

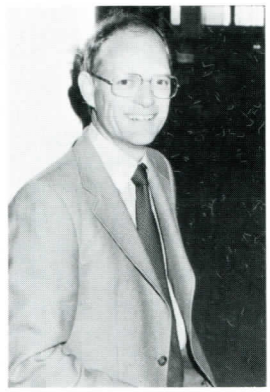
Continued from page 9

— with his Asahi Pentax — when he was a member of the former RX Cine & Photographic Club.

Today he finds doing jobs about the house and garden keep him fully occupied; and should he ever injure himself in the process, he is assured of expert treatment on the spot from a nurse — his wife Norah, who is a Serving Sister in the order of St John. and has, for the past 19 years, been one of our medical staff.



Neil Williams



Dick Delahay

Ken Dobbs

Albert Drury

20 years

For more than half of his 20 years with us, **Neil Williams** worked in our machine shop, both here and at Cinderford, as a tool and cutter grinder.

In 1979 he moved into materials handling as chargehand responsible for CBA assembly stores and materials movement, but a year later was back in parts manufacturing where he combined the job of chargehand for all services (materials movement, procurement of cutting fluids, print library) with that of stand-in foreman.

At the end of 1982 he transferred to the supply centre to supervise the storage, packaging and shipment of machines and spares.

Last September Neil was appointed section manager, site logistics, and he has been participating in the development course. He was among the first to attend the recent management skills session at Missenden Abbey, and he says: "It was really great; the work was hard but the team spirit was superb."

Neil was one of the founder members of the Clay Pigeon Shooting Club formed back in the '70s; though he still shoots, his main aim today is to master the techniques of playing an electronic organ with two keyboards and synthesizer. "It all started when I bought my daughter a Casio keyboard," he told us. Now both his children are learning and Neil is fighting to keep ahead by practising every night and taking lessons once a week.

Neil has a look-alike in the fuser roll area; it's his twin brother Terry. Though older than Neil (by 20 minutes!) Terry has two more years to complete before reaching his own 20-year milestone.

It was during the 2400/3600 era that **Dick Delahay** joined us as a design engineer.

His first assignment in the USA came in the mid-70s, as engineering team leader in connection with the 3100 machine (Decoy), and he well remembers learning to ski over there — by floodlight!

Decoy was diverted to Venray and Dick was among the posse of technical staff who commuted weekly between Mitcheldean and the Dutch plant to assist its introduction there. "One of my major memories is of coming into Mitcheldean at 5.30am on Mondays to catch a coach for the airport."

After that, Dick was involved with various CBA projects and by the time the 5400 arrived on the scene he was a design manager. "Simultaneous world-wide introduction was the challenge," he says, "and the prime pressures of the day were to react to the American changes."

Dick's second US assignment came in 1978. "By this time we were into single point multinational design and the team's role was rather different."

With European design engineering centred at Welwyn, all other technical activities were merged in one product support department at Mitcheldean and today, as manager, product engineering, mid volume and technical services, Dick is largely involved with a forthcoming product.

One of his main leisure-time interests is vintage cars and he owns a 1936 Morris Tourer (it was on display at Open Day); he also enjoys dinghy sailing at Cotswold Water Park.

Dick's wife Margery used to work here before he came to Mitcheldean. They have two sons and it was through them he became treasurer of Aston Ingham Scout Group.

Both sons are into music: 17-year-old Andrew plays the saxophone in the Gloucestershire Jazz Orchestra while Jeremy, aged 13, plays the electric guitar in a young folk group.

The family have just acquired a country cottage which they are restoring — no doubt to the sound of music!

Ken Dobbs came to us 'on approval' as a trainee draughtsman. After three months he joined the permanent staff of the design drawing office who were engaged on 'anglicising' Xerox drawings on early models; among these was FRED, a fast enlarging and reduction device which was based on a 914.

Ken became leading draughtsman in 1973 and soon afterwards came the first of his travels on company business — a four-month spell at Venray on the Decoy transfer. A year in France followed when he worked on the automatic overlay device for the 4000 model at the newly set up Lille plant.

"We worked in English, which was fortunate since I didn't speak a word of French, and my 12-year-old son acted as interpreter when we went out," says Ken.

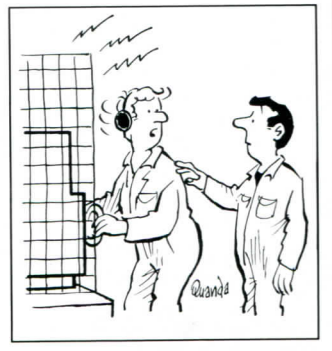
On his return he transferred to design engineering; the 5600 was then being developed and Ken was given the job of creating the graphics, a task he currently carries out for 'P' products within product engineering. He also gets involved in occasional projects, like the improved 1025 pack which won a 'Starpack' award last year.

He works with some 12 European Opcos arranging translations and, two years ago, he travelled to Poland, Hungary and Yugoslavia with EEO in connection with counter-trading. This was no junket, for the working days started at 4am and finished at 11pm, he recalls.

In his leisure-time Ken enjoys wood-turning; he makes bowls, lamp-stands — "In fact, I turn my hand to anything!" he says. He is also a member of the committee of the Royal Forest of Dean Tourist Association and acts as its publicity agent. "We go to shows and exhibitions — anywhere from Birmingham to Brussels — promoting the attractions of the Forest."

At present, however, his time is greatly taken up with renovating the Victorian house in Drybrook where he and his wife live.

Albert Drury's first job after leaving school was that of shop boy in reconditioning; about a year later he became a junior repair mechanic — "It doubled my salary to £6 per week" he recalls — and a year after that he joined the assembly section to work on the 914.



"I can't hear you with these ear-muffs on — try and borrow the fiver from someone else."

In 1972 he switched to electrical subs, then two years later he went to Lydney in connection with the ADF (automatic document feeder) for the 3600.

On his return he was placed in the supply centre to do "one of the most interesting jobs I have ever had"; this was followed by three years in spares packing, then in 1980 he returned to his original department, now renamed refurbishing, where today he dismantles and cleans DBA and CBA machines.

For the past 15 years Albert has been one of our first-aiders — in fact, first-aiding is his main hobby and he has been a member of the Gloucestershire Ambulance Service Cliff Rescue Team since 1982.

"We once rescued an eight-year-old boy who went over the safety rail at Symond's Yat together with his bike," he told us. Fortunately he was brought up safely, and the bike received treatment too in the form of a bit of oil and a tighten-up with a spanner."

Albert is also a member of an international group called Medical 9 Organisation which gives immediate first-aid at the scene of accidents or major disasters, covering for the emergency services until their arrival.

He also turns out for a private ambulance firm on a voluntary basis.

Albert joined the former Rank Xerox Karate club when it started up and he became a junior instructor. They used to give demonstrations locally and a popular 'turn' was the breaking of a pile of tiles with a well-placed chop.

Albert's first-aid skills came in handy when one chap sliced through a pile of tiles which then fell on his foot and cut an artery!

Many will remember Albert's father Tom, who used to work on the 660 main line assembly; he was a member of the mail room staff when he retired some years ago. Albert's wife Anne also worked on site for Sutcliffe's until she left to raise a family — their son Scott has just acquired a brother, Leigh Thomas, who arrived on 23 March.

The victorious Rollers, captained by Colin Moore who also captained the winning men's select team. ***Below:*** *The Excals, runners-up in the men's KO, whose captain was Mike Holder.*

The Ball Ticklers (captain Thelma Cripwell) won the ladies' Round Robin beating the Hopefuls ***below,*** *captained by Marlene Meek, by 2 points.*

Battle of the sexes — and a Body Beautiful

THE MYSTERY guest who was to present the interdepartmental skittles trophies was billed as 'Body Beautiful'.

When we learned she was a former body building champion, we expected someone powerfully built with bulging biceps.

But Jackie Parish proved to be a petite, vivacious blonde and she carried out the presentation with charm and friendliness.

And the muscles which made her British light-weight ladies body building champion and overall British champion in 1985 were completely covered by a discreet black outfit.

That was her peak performance year, for she also came fourth in both the European light-weight and world championships. "It took me six years to get to that standard, training for about six hours a day," she told us.

She could have turned professional but that would have involved a great deal of travelling and she decided to put her marriage first. So she retired and now lives with husband and daughter at Little London, Longhope.

Graham Welch tests the biceps of ex-British body building champion Jackie Parish; ready to present her with a bouquet is club chairman Bill Walters.

Jackie, who used to do power lifting before going in for body building, says that her training made her so strong that when she once played skittles at Gloucestershire Royal Hospital she nearly put the ball through the wall. Perhaps it was just as well she wasn't invited to try her arm in our skittle alley!

Another attraction at the finals presentation night on 16 May was a challenge match — a battle of the sexes — between teams of players selected from the interdepartmental teams.

Two were chosen from each of the four ladies' teams in the Round Robin (see left) with Marlene Meek as their captain, while four players each from the men's finalist teams, the Rollers and Excals, comprised the men's select team, captained by Colin Moore.

If the ladies were expecting any chivalrous concessions they were disappointed, but they put up a good fight before being beaten 314:280 by the men whose trophy took the shape of a mounted skittle pin.

Club chairman Bill Walters thanked everyone for taking part and, in particular, Graham Welch for doing "a heck of a lot of work" in organising the events.

To show their appreciation to Jackie, the Sports & Social Club have donated £30 to the charity of her choice, the Stroud Meningitis Appeal.

There is to be yet another match before the start of the mixed skittles KO. The ball is being kept rolling with a challenge issued by Graham Bunt for an MOC team to play the Rollers, the men's interdepartmental champions.

Interdepartmental champs

Margaret Treherne, highest individual scorer in the ladies' section, receives her trophy from Jackie. (Colin Moore collected the trophy on behalf of top men's scorer Tony Burcher.)

IN THE ladies section, there was a Round Robin in which four teams (the Ball Ticklers, Hopefuls, Over 40's and Ye Scrumpy Gals) played each other twice.

The Ball Ticklers came top with 10 points, beating the Hopefuls by 2 points. Highest individual scorer was Margaret Treherne of the Over 40's with 46 pins.

Twenty-nine teams entered the men's KO. After a thrilling semi-final win by 1 pin, the Rollers, who were runners-up two years ago, had a more comfortable win in the final with 326 pins to Excals' 297.

On their last leg Tony Burcher had a 15 spare which gave him a total of 51 pins, thus taking the individual score from fellow Roller Bill Hatton and Dave Roberts, one of the XI Rockets, who were tying with 50 pins each.

The moment of truth when three of the slimmers, under Sister Collins' supervision, checked their weight losses. That's Geoff Duggan on the scales; waiting their turn are Brian Daughtrey and (right) John Perkins. Terry Morgan, who made up the foursome, hadn't wasted away, he just happened to be on night shift at the time.

Slimming quartet raise £260 plus

SLIMMING in works engineering is well into four figures — those of Geoff Duggan, John Perkins, Brian Daughtrey and Terry Morgan.

Concerned about their outlines after last Christmas, they got together and embarked on a three-month sponsored slim, losing a total of 104 lbs and raising over £260 for their chosen charities.

Geoff lost 28 lbs by missing out breakfast, having fresh fruit at lunchtime and no crafty snacks, so he was really ready for his evening meal.

Being a works engineer is a pretty active job, and Geoff reckons he gets plenty of additional exercise running up and down ladders — he is in charge of the Gloucestershire Fire & Rescue Service station at Newent and it was to the Fire Services Benevolent Fund that he donated his sponsorship money of £100!

John cut down on his intake and cut out bread while for exercise he regularly walks his dog by the river in Ross around 6am (the dog hasn't lost weight, by the way). He was able to send £30 to the Marie Curie Cancer Foundation by losing 21 lbs.

Terry, who lost 22 lbs, avoided sugary, starchy food and rationed himself to one or two sugar-free Pils a week. He added his £51 to the £70.00 raised by Brian (top of the loss league with 33 lbs), thus enabling a donation of over £120 to go to CLIC (Cancer & Leukaemia in Children).

Brian's recipe for success was to cut out potatoes and eat lots of vegetables, salads and fruit ("Though I did feel a bit peckish," he admits).

All four are carrying on slimming, but the effort is costing them something — in clothes.

Brian took size 36 in trousers and is now in 32s so he's had to buy new, while Geoff said "My wife bought me a suit for Christmas but now I've lost four inches off my waistline I've had to have it altered to fit my new figure."

Just a word of warning from Sister Collins. "A diet is tailor-made to suit the individual; what one slimmer does would not necessarily suit another so do obtain advice before going on any crash diet."

Summery weather for Spring Bowl

UNDER AN almost cloudless sky, 38 enthusiastic golfers teed off on the Golf Society's first outing this year — on Tuesday, 21 April, at Henbury Golf Club, Bristol.

With temperatures more akin to summer than spring, shirt-sleeves were the order of the day, making a very welcome change to the conditions encountered at Stinchcombe last year — lightning, thunder and a hailstorm — as all participants there would testify.

The event was a pairs-better ball stapleford competition playing for the Spring Bowl. Making the early running after the morning round were Bob Pritchard and Roger Yemm with 47 points, followed by Dave James and Wilf Jones with 43 points.

The majority of the remaining pairings experienced difficulty with very fast and tricky greens which made putting an exacting task.

As the day wore on, limbs grew more weary, the scoring dropping accordingly, so it was a case of the pair lasting the pace who would win the day. With Bob and Roger both wilting under the afternoon sun, the door was open for the chasing pack.

Dave and Wilf took their chance and stormed through to lift the Spring Bowl with an afternoon team score of 41 points. This victory is Dave's third in this event since its inauguration ten years ago.

Following the customary scrutiny by the handicap committee, Dave will be playing off 9 next time out.

The full results were as follows:

Individual morning: 1st Bob Pritchard 38 points; 2nd Neil James 36; 3rd Doug Milton and Steve Cooper 32 each.

Individual afternoon: 1st Roy Jones 37, 2nd Paul Meek 34, 3rd Des Gibbs and Dave James 32 each.

Team overall: 1st Dave James/Wilf Jones 84, 2nd Bob Pritchard/Roger Yemm 79.

Following an excellent meal, Mark Barnard, captain for 1987, presented the prizes. The evening concluded with a final visit to the bar.

The next outing — to Burnham & Berrow GC on Wednesday, 20 May — was due to take place as we went to press.

D. R.

Collecting for 'Children in Need'

THE FIRST of four plant-wide collections in aid of the BBC 'Children in Need' appeal took place on 21 May and yielded a splendid £516.03.

The idea came from Pete Griffiths (small copier assembly) who told us: "I saw the TV programmes which Terry Wogan hosted and I felt this was a cause which everyone on site would want to support."

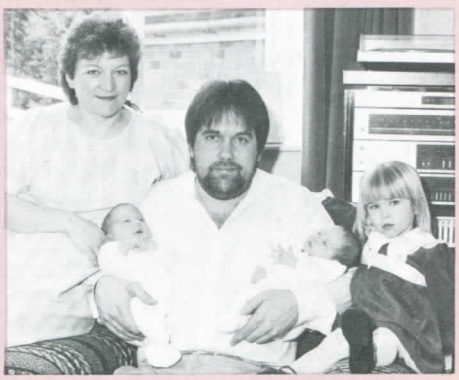
He approached the company, who promised to match the total amount raised this year up to £300, and a network of co-ordinators and collectors representing all categories was set up.

Three further collections will be held on 16 July, 10 September and 15 October, and an account has been opened with the NatWest Bank so that the amounts collected will attract interest.

The appeal helps children in the UK who are handicapped or otherwise deprived of a normal life by giving grants, allocated once a year, to locally based voluntary organisations and groups for special projects.

The Shape of Health and Safety

ACCIDENT TOTALS	for year '86	to date '87
Eyes	0	0
Head/neck	1	2
Hands/arms	9	3
Trunk	2	3
Legs	1	0
Feet	0	0
Total	13	8

Twin event

Congratulations to Graham Powell(CBA refurbishing materials) and his wife Karen (formerly in harness section) on the birth on 12 March of their twins Leanne and Dean — a sister and brother for their two-year-old daughter Kimberley. Another delighted member of the family is Graham's father John (formerly in MIS) who was with us for 27 years.