



CERTIFICATES PRESENTED TO ELECTRONICS TECHNICIANS



EIGHT Tek students recently successfully completed a two-year Electronics Technician Training programme. They are shown with the Tek Guernsey Ltd's Operations Manager, Harold Guilbert, who presented them with their Technician Certificates, and Doug Campbell, Training Manager.

As well as passing the company examinations the students also passed the City and Guilds Technician Series to intermediate level.

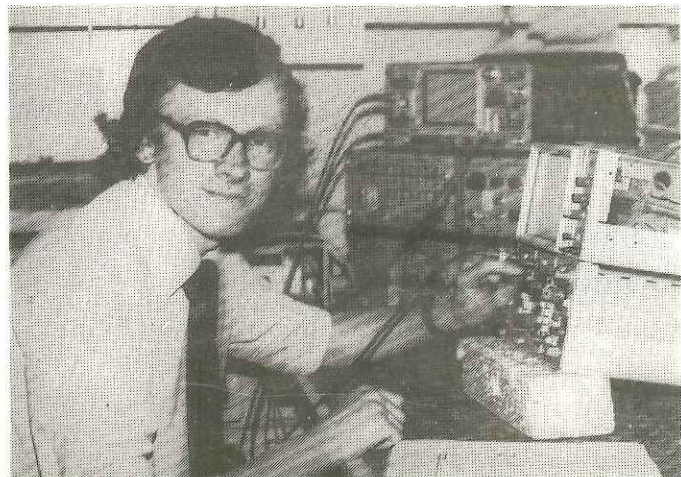
This is the last group of students to be trained within the framework of the City and Guilds programme, as it is being replaced with the Technician Education Council award.

Future Tek students will be trained to satisfy the requirements of the Technician Education Council (TEC) and to have an understanding of Tek circuits and systems within a hybrid programme arranged between Tek and the College of Further Education. This programme will begin in September 1979.

In the picture (left to right) are: Harold Guilbert (Operations Manager), students Michael Temperley, Paul Mayle, Colin Solway, Paul Le Tissier, Tony Lanoe, Jane Donaldson, Daryl Selvidge and John Taylor, and Doug Campbell (Technical Training Manager).

TEK EMPLOYEE WINS TOP AWARD

Pictured is Nigel Mann who was recently awarded the Wallis Jackson Prize by the Institution of Electrical Engineers. This is awarded annually to the most outstanding U.K. student in the Higher National Diploma examinations in electrical and electronic engineering. He is currently employed as a Product Engineer at La Villiaze. Our sincere congratulations are extended to Nigel on this wonderful achievement.



PERSONALITY....Kevin Le Gallez



What happens of course when someone such as myself, not too 'au fait' with the world of sport interviews such an accomplished footballer like Kevin who in turn is too modest to relate his achievements is a less than adequate profile.

Not to be outdone however, I asked Wally Torode to assist and although on vacation agreed to fill in the gaps for us. Thanks Wally.



Kevin now 25 years of age is Guernsey born and followed in his father's (Mo Le Gallez) footsteps by joining Tek in June 1971. He has worked in Stock during his time with us and is now a valued member of the Stores team. Kevin was educated at St Martins initially and later attended Grammar School and already started to demonstrate his abilities on the football field.

Wally now tells us that Kevin has won all major honours available to him in Channel Islands soccer right through the various grades. He has been in winning inter-insular Muratti sides at schoolboy, junior and senior levels. On reaching junior age level he signed on for St. Martins A.C. and helped St Martins to all available club honours at junior A and B level, being skipper of the team for much of the time.

On attaining senior status Kevin furthered his football career by joining the Northerners A.C.. North were a promising team, however they did not attain major honours i.e. Priaulx League and thereby did not gain entry into the inter-insular Upton Park Cup. Kevin was nevertheless building up invaluable experience and a strong foundation



Question: What did the fulcrum say to the scales when it went out of balance?

Answer: Hang on a moment.....

O!

for future successes.

For the 1977/78 season he decided to rejoin St Martins with three other colleagues which undoubtedly had the effect of making St Martins a formidable force in Guernsey football.

Success did not come as quickly as some may have hoped however, and in the first season back at St Martins they finish third in the Priaulx League. This disappointment was however tempered by winning the principal Jersey and Guernsey competitions, Wheway and Jeremie, and Kevin was also a member of the victorious Guernsey Muratti side, winning in Jersey against pre match forecasts.

Wally comments that Kevin at 25 should have a minimum of five more years of continued success. His finest hours were in the 1978/9 season culminating in all the work he put into his game since a schoolboy.

For this season he was appointed Captain of St Martins and led them to the Priaulx League championship, Upton Park Cup (C.I. champions), Jeremie Cup, Wheway Cup and Le Valle Cup. As well as this St Martins performed with credibility in a U.K. national competition, the F.A. Vase. As well as this incredible record Kevin was appointed Captain of the Guernsey side who humiliated Jersey by five goals to nil on May 9th retaining the Muratti Vase.

Wally sums all this up by saying that Kevin captains by example being a dedicated worker on the field and training park. You do not become a member and captain of a team even at this level without undoubted football skill and temperament.

Well done Kevin we are all proud of you and you have a reputation to live up to. Thanks again Wally for your valuable input. I would never have got it out of Kevin!

heavenly bodies in accounts!!

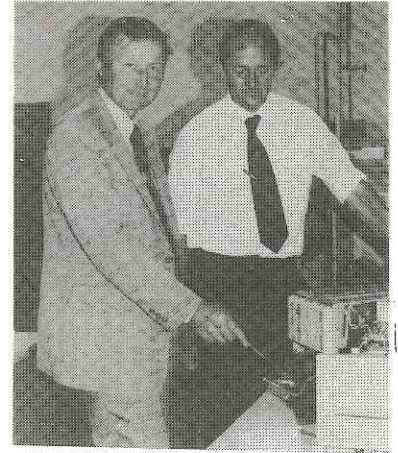
We recently received an IOC from Tek France Orsay addressed to Christ Paint which commenced with the salutation

Dear Christ,

Please find enclosed details-----

A little more description than just a plain halo perhaps?

Visitor to Guernsey



Bob Randall, European Safety Manager from EMC was in Guernsey recently. Bob's responsibilities include all safety aspects of Tek instruments. In addition, he is working towards Tek being able to produce products which meet all the many different country safety standards. The reason for his visit was to acquaint himself with the Guernsey operation and the personalities who he has contact with in marketing and manufacturing.

Photo shows Bob and Alan Chubb discussing some aspects of safety on 7000 series.



BEAVERTON VISIT



Andy Fitzpatrick - Test Manager recently visited Beaverton for the first time principally to gain first hand information concerning the manufacture of the 465B which is now being introduced to Guernsey production.

Andy's visit proved to be very useful not only in respect of the 465B but also in obtaining up to date information on such things as T900 quality levels, printing methods for components, rubber impregnation of 7000 high efficiency transformers and customer test systems.

He also noted some differences in production methods that he felt worthy of consideration for introduction to Guernsey.

Like so many people who visit Beaverton for the first time, Andy was very impressed with the size of the operation over there and felt that he had benefitted from talking to people in the many areas that he visited.

Visit of T.I.I.S. Group from BEAVERTON

The week of 9th July saw the arrival of a T.I.I.S. (Tektronix International Information Systems) team from Beaverton for discussions on the International Information System.

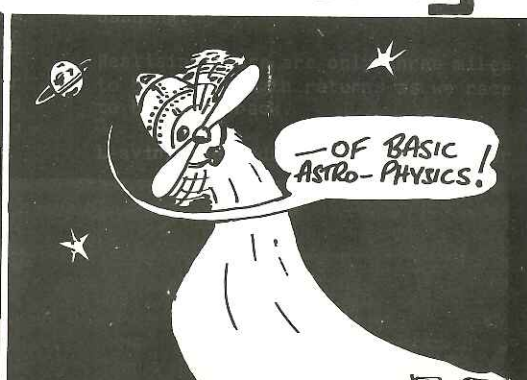
This system is a computer based information system. It is being designed to meet corporate needs in the areas of Profit Planning, Contribution Analysis and Marketing/Sales Information. It will also provide the operations of international subsidiaries with common tools to more easily and effectively manage their Order Processing, Finance and Manufacturing functions.

The team members were Ron McGee, Peter Huzlebosch, Jim Boogard, Darlene Brinkley, Dave Inman and Rod Sharman. The European participants included Roy Falla, Jon Horner, Penny Hill, Ron Bridel, Austin Cockram, Peter Fulwell, Barry Bisson, Henry Le Tissier, Mike Hancock, Simon Hollyer Hill and Tony Ozanne.

A very full schedule allowed the teams to review the system's development, make input to refine the system design, lay foundations towards the implementation plans (involving up to six major locations), introduce first-time Beaverton visitors to the scale of European activities and build towards the participative environment which makes change more understood and welcome.



GARF



TEK BED PUSH raises almost £1000

Location, Town Church
Time, Saturday the 14th of July and
38 refugees from the funny farm
stand poised ready to undertake a
dramatic mission; namely 20 miles
of bed pushing.

Dressed in garb ranging from
nappies, monks habits, ballerina
costumes to a St. Trinians girl we
head towards the Forest Hotel
keeping cool with the help of water
filled 'Fairy liquid' bottles used
in some of the wettest skirmishes
seen since the war.



With St. John boxes held high we
encircle the unknowing visitors who,
eventually, give us money knowing
its the only way to get rid of us.

So far so good. When suddenly the
leading bed, a 15 leg power model
with overhead springs grinds to a
halt as screws, washers and bits of
wheel trail down the road. A quick
pit stop at Perelles garage for
repairs a spot of oil and away we go
again.

Vazon Bay is duly blitzkrieged to
the bewilderment of visitors; we
leave them in our wake and make our
way to the Hotel Les Carterets where

next door a kindly gentleman, he
said his name was Harold something
offers us some refreshments.

After a dip and dive at the Hotel
Les Carterets, the dip not being
planned and some forgetting to
remove their costumes, we march on
around to St. Sampsons klaxons
bashing.

Realising there are only three miles
to base, strength returns as we race
to be first back.

Leaving the beds on the Crown pier

town, leaving visitors bemused by
these strange Island folk.

Wearily after a last pint we make
our way back to the beds,
unfortunately the ballerina gets
lost and has to walk back on his
own, he's reported to have said 'he
was never so embarrassed in his
life.

The end result of this marathon was
close to a £1000 towards the Year
of the Child.

Organiser was John Rowe-Hagans.

space oddity

465 B

Tektronix have again set the pace by upgrading the accepted industry standard oscilloscope, the 465, by an improved version, the 465B. It contains improvements such as electronically switched trigger view, 2nSec sweep, sweep switching and more flexible vertical switching which allows better resolution and viewing of any combination of sweeps without further complexity.

This has been achieved by the use of I.C.'s rather than discrete technology, at the same time giving greater reliability and ease of serviceability. The front panel incandescent lamps have been replaced by L.E.D.'s, also for increased reliability and to decrease customer frustration of returning a 'scope to the repair centre for minor repairs.

All these improvements have been achieved by better design and greater use of machine insertable components. This has resulted in no further price increase to the customer which is contrary to the increasing practice today where companies use the slogan "New Improved" to cover a price rise. It is hoped that these improvements will help our sales team to further out-distance the competitors and maintain our dominance in this field.



The photograph shows cabinetizing the first 465B built in Guernsey.

The families began to arrive at the Albert Pier as early as 8.00 o'clock for this years Herm Picnic which was held on 24th June. From 9.00 a.m. a steady flow of Tek's could be seen making their way from Herm Harbour to Shell Beach.

Despite the wind most people had settled in by 10.30 a.m. and were looking forward to the days activities. These began with the ever popular races some of which were taken more seriously than others.

Whilst most peoples attention was drawn toward the races someone notice a 'space hopper' drifting out to sea. Keith Dumont quickly came to the rescue and retrieved it about a mile offshore.



'D' Stands for "Don't say we didn't warn you"

If you actually read Tektopics instead of just looking at the pictures you will remember in the occasional issue a mention of the impending energy crisis. For those with short memories here is a couple of quotations:-

"Whatever happens in the immediate future, there is no doubt that in the lifetime of most of us we will see severe shortages in food and energy resources".
(Tektopics, Spring 1976).

"by the end of the century demand for oil will greatly exceed supply. The price will rise and daft ideas like using oil to heat structures designed to loose heat at the maximum rate. i.e. greenhouses, will stand revealed as 'no hope propositions".
(Tektopics, Summer 1977).

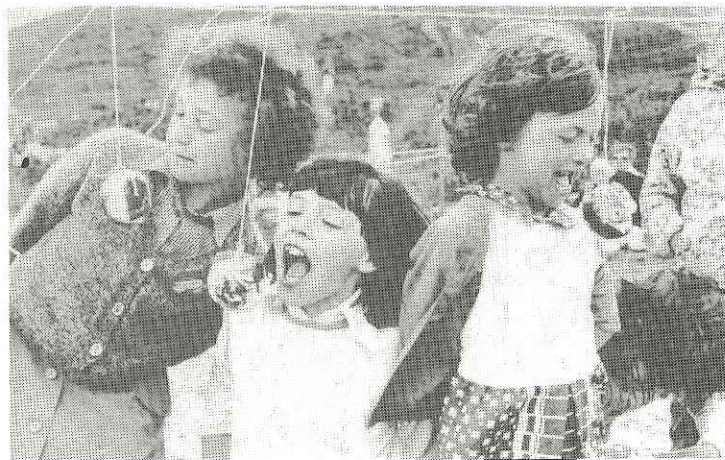
Well, it almost seems as if the time has come early, but to quote again, this time from the cover of the famous "Hitchikers Guide"

"DON'T PANIC"

(What do you mean, you've not read that either. Don't you read anything except the Beano and Tektopics?).
(and you only read Tektopics because you've been told not to. I know!)

"Why no panic?" you may ask.
"Oil is scarce, the price goes through the roof, you are

HERM PICNIC



After such strenuous activities a break was taken for lunch. Soon the Guernsey Concert Band began to play only to be interrupted minutes later by a sudden shower. Fortunately this did not last long and they quickly reappeared to give a performance that was greatly enjoyed by everyone.

soporificating through your hat and D should stand for

'DESPERATE MEASURES'

However, it would be a mistake to confuse "don't panic" with "don't worry".

First the price; the price of petrol for example shows no increase in terms of average hours work required to buy a gallon when taken over the years 1950-1980, we haven't seen a real price increase yet!

Secondly the supply; the present shortage is due to political disturbances in Iran, and forcibly illustrates the vulnerability of the West to subversion and sabotage on the Persian Gulf. There is plenty of oil to come from present and new found sources.

But by 1986 the supply of oil falls permanently and absolutely below the demand. If this sudden "oil-shock" helps focus our minds by giving us a foretaste of conditions in the 1990's well and good. In the meantime, if we manage to get by with about 15% less petrol and heating oil (and the price change is a good incentive) we will survive. And that's a start.

This year there were nine teams in the five a side football contest with John Rowe Hagans, Phil Hearn, Peter Plevin, Steve Hazelwood and Paul Rowe emerging the winners.

In the sticky bun contest the children attempted to devour more than six dozen buns creating great amusement for the onlookers. The pop and ice-cream tent was as popular as ever, with the helpers kept busy throughout the day, the capacity of some small children was quite remarkable.

By 4.00 o'clock people had begun to make the Trek back to the Harbour, where the Guernsey Concert Band entertained the waiting queues on the pier. This gave a most fitting end to another successful Herm Picnic.

See you next year!

TECHNOLOGY TODAY

There's a nasty rumour being spread about by those who stand to make a few bob out of a news story, that microprocessors are about to revolt. The microprocessor revolution they call it, the greatest thing since the industrial revolution they say, perhaps someone should tell them that industry still is revolting. The truth is that microprocessors are not likely to revolt for a while. VLSI, is catching up with us fast, but unlike 'Flu you cannot get inoculated. It stands for Very Large Scale Integration and is the current trade terminology for getting a lot of transistors and resistors into a very small space.

This does not mean we can do anything new, just that when we build something electronic it can end up a lot smaller. A wristwatch built 10 years ago would probably reach all the way up to your elbow and be about an inch thick. The works of a radio or cassette have now been shrunk into a couple of ICs, and even TVs are looking "skinny" inside compared with a decade ago. Although ICs are made in conditions that would make an operating theatre look decidedly grubby, it's so easy to make a few hundred at a time that they cost relatively little, in fact an IC today costs what a transistor did a few years ago and that's ignoring inflation. So things electronic get cheaper, radios for £8 or £3, watches for £8, calculators for £5. Manufacturers can now put more circuitry into a device for last year's price, so rather than getting cheaper, things can do more. The best example is the calculator which now includes a clock with stopwatch timing, alarm and full calculation ability for £20 which is the half price of a simple calculator five years ago.

Computers have shrunk too, from the size of a room, to the size of a suitcase. Simple ("thick" to the non-technical) computers, often referred to as mini-computers, are used to operate machines, of which we have two in the factory. These are the size of briefcases, but they are of old design. Nowadays these have shrunk into a couple of ICs, the controlling IC being the microprocessor. Anywhere that a simple computer is useful a microprocessor can be used, and for about £20 as against £5,000 for a mini-computer.

Sewing machines have already succumbed, and some washing machines think for themselves. Cars are fast gaining electronics to control engine performance and braking, they even have a system which stops you starting the car if you have had too much to drink!

So what of the future? If you can think of anything that could be improved by a little electronics then sooner or later it probably will. Virtually every job requiring skill or thought to set up the

machine can be reduced to a simple task.

Automatic cameras are a classic example. The operation of machines is going to be simplified and they will soon be able to react to spoken commands and to talk back, but simple gadgets like lawn mowers or food mixers will not get these extra features without a significant increase in price, whereas TVs and washing machines are already expensive and full of control gadgets, so adding functions, like telling jokes, by adding a microcomputer, is not going to make much difference.

Robots are getting more advanced and can now weld and paint cars or put simple things like hairdryers together. They can even pick up a part, look at it, and decide which way round to fit it. Robots are not cheap as yet, and as different jobs usually require a different type, they are not going into mass production just yet.

The problem in the future is not going to be robots doing our jobs, but new ways being found, which make the jobs suitable for machines. The change from hand-wired scope chassis to machine-inserted boards is an example of this. Many scientists believe biological engineering will soon replace microelectronics. Who knows? Guernsey may soon be growing computers in greenhouses.

Finally, a word of advice. Get used to being kind to machines, they may soon be able to resent it if you are not!



THAT WAS THE WEEK THAT WAS

16th July 1979 - 22nd July 1979

Ray vacates his office after 16 years of habitation. Andy and Ray do a swap - tis rumoured that Ray discovered a half consumed haggis behind a bookcase in Andy's old office.

The song of a thrush echoes from amongst rafters over the Stock area. You can even hear it above Bas's voice!

Members of the fire crew discover that their helmets melt with the heat!!

Many smiles raised by the sight of Securicor personnel frantically trying to gain access to their vehicle on which the door has jammed shut - !!

TEKTRONIX V. R. C. A. JERSEY

This year it was the turn of Tektronix to play host to our arch rivals from Jersey, R.C.A. The match was scheduled for a 10.30 a.m. kick off at St. Peter Port School, Sunday 22nd July. Unfortunately it was somewhat delayed, due to the opposition being in St. Martins.

Eventually the match started at 11.30. The game was played in rather warm conditions on a very hard pitch, and this did not help the R.C.A. team especially after the festivities of the previous evening. Tek were comfortably the more constructive side and won 5-0, with goals being scored by John Rowe-Hagans 2, Darren McHenry, Colin Solway and Steve Hazelwood (penalty).

After the match the teams had lunch at the Queen's Hotel where Harold Guilbert presented the trophy to the Tek team captain, John Lee.

Next season it will be our turn to visit Jersey to defend the Trophy and I would like to see the Tek team supported as well as R.C.A. were on this occasion.

Bill Presland.

FORTHCOMING

SPORTS CLUB

SOCIAL EVENTS

Thursday 27th September:
Treasure Hunt.

Saturday 29th September: Booze N' Cruise to Herm including Chicken and Chips at the Mermaid followed by Disco Dancing until midnight on the Herm Trident.

A Treasure Hunt is to be held in October, and in November there will be the Miss Tek Presentation Dance.

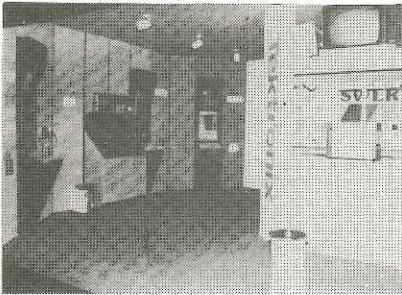


"YEAH - YEAH, YOU CAN TELL THE
MAGISTRATE IN THE MORNING!"

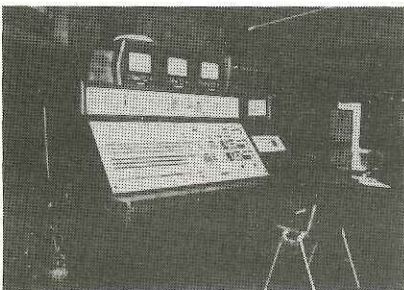
MONTREUX '79

The 11th Montreux International T.V. Symposium is over for another year. The show, which is the shop window for T.V. studio and allied equipment was a great success for Tek who are among the leaders in technically advanced T.V. processing equipment. The village of Montreux hosts this event every two years and is situated in magnificent Swiss scenery overlooking Lake Lemman.

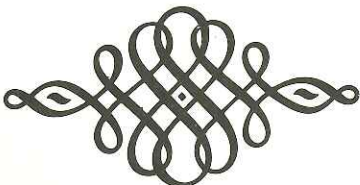
Dawn Manger, Marketing Services, Tek Ltd, was lucky enough to be invited to lend a hand for the duration of the show. The success of the show was very dependant on Dawn's involvement as all the provisioning and shipping of instruments was organised by her. In addition to Tek's requirements there were many major customers such as RCA, 3M, etc., who "borrowed" many Tek instruments for their own displays. The success of their shows were similiarly dependant on Dawn.



The photos show part of the extensive Tek booth including the impressive Grass Valley mixer which naturally attracted a lot of customer interest. The show ran from May 27th to June 1st and the professional appearance belied the bedlam leading up to the opening day. The behind the scenes effort to erect the stand, checking out of all the instruments, repairing those that required it and finally the presenting of an exhibition worthy of the company image.



One thing for sure Dawn will be the first to admit it was exciting and interesting but it was certainly no holiday.



BOOZE 'N CRUISE



Earlier fears of a lumpy sea proved groundless as nearly 70 Tek's and friends went to sea on a Booze N' Cruise. The Trident skippered by Charlie Wilcox cleared the 3 yrd limit and the bar opened to provide sustenance, to enable us to face the rigours of the 15 minute trip. Suitably lubricated, the placid sea held no fear and Herm harbour was quickly reached.

Having been instructed to return to the boat by 9.45 at Rosaire steps it was off to the Mermaid Tavern for the majority. Time was limited but enough to sample a couple of cold lagers and polish off a welcomed plate of chicken and chips. All

that sea air sharpens peoples appetites not to mention thirst! Then it was along the cliff path back to the boat, the sound of the disco ensuring no-one lost their way in the dark. The Trident eased away from the landing stage and skirting the rocks heading oh so slowly back to the lights of St. Peter Port. With flashing lights and pounding music we pranced and danced across the little Russell. We hove to just outside the harbour, and the merriment continued until midnight when we docked at the Weighbridge. My thanks to the organizers for what turned out to be a good night before the mast, splice the mainbrace and all that.

AND YOU THINK YOU'VE GOT PROBLEMS



Recipe

GACHE MELEE

Ingredients

- 3lb apples
- 1lb plain flour
- 8oz suet
- 1lb sugar
- 3 eggs
- 2 teaspoons baking powder
- Nutmeg
- A knob of butter

Method

Peel and cut the apples and place in a mixing bowl with the sugar, suet and butter.

Mix together well and add the flour and baking powder a little at a time.

Add the eggs and the nutmeg. Mix well.

Place the mixture in a well greased dish and cook for 30 to 40 minutes.

Reg. 6 - 7



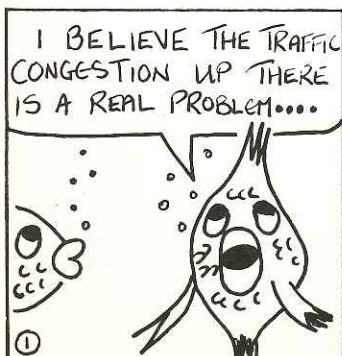
Each week I buy a number of packets of sweets of the same well known brand. Last week I spent 19p on 1 packet of mints, 2 packets of gums and 1 packet of zubes.

This week I have spent 25p on 3 packets of mints, 2 packets of gums and 1 packet of zubes. But next week I must economise, I can only afford to buy 1 packet of each sort. How much will that cost me?

Answer: 11p



WEST COASTERS



LETTERS TO THE EDITOR

Dear Mr. Editor (or should it be Editperson)

By far the most entertaining puzzle in your May/June issue was 'Guess the illustration' on the Sports page.

The golfing cameo made me green with envy (which is better than being tee'd off) when I finally unearthed the subtlety behind it. Putting two and two together I believe the correct solution to be "in-the-rough".

I admit you nearly stumped me with the cricketing picture, I'd almost concluded it was silly-mid-on who'd just learnt the bar was open. Then it occurred to me that it might be 7th man in, hell bent on running two off what by rights should only be a single.

I'd nearly run out of ideas when it came to me in a flash. 'Twas really third slip being pursued by two men in a skiff!

Funny game, cricket.

Name and address withheld for fear of reprisals.



Dear Sir,

As avid followers of 'West Coasters' we were dismayed to notice its absence from your last issue. We trust this was an oversight and not a deliberate plot by the editorial staff to discriminate against us that live on the West coast.

Yours in anticipation

The Rocquaine Crowd

ALL SAY 'AAH', Ed!



GUESS WHO!



Answer on page 8



The famous B and J cars are either black and 4 cm long or white and 7cm long.

They are supplied in boxes containing some of each.

The other day a shop received 1 box 34 cm long and 1 box 29 cm long. How many black and how many white cars were there altogether in the 2 boxes.

Answer: 7 black and 5 white



ENGAGEMENTS.

John Taylor (Test Department) - Trudy Carre 16.6.79.

WEDDINGS.

Kevin Holloway (Order Processing - Mandy Tabel 28.6.79.

BIRTHS.

Peter Guilbert (Middle East Sales) and Val a son Justin 9.5.79.

Nick Humphries (Distributor Sales Support) and Ladia a son Thomas 21.6.79.

Gary Wallbridge (Test Department) and Mandy a son Paul Mark 2.7.79.

21st BIRTHDAYS.

Mike Ozanne (Test Department) 12.7.79.

Jean Whalley (Assembly Department) 23.7.79.

Michel Le Gras (Shipping) 5.8.79.

Keith Pengelley (Accounting) 9.8.79.

Helene Herpe (Telequipment) 11.8.79.

Jeffery De La Haye (Stock) 22.8.79.

Thersa Le Ber (Telequipment) 27.8.79.



MOIRA CRIMP



TONY TAYLOR

10 year TEK's



ERIC SELVIDGE



EDITH MARQUIS

GUESS WHO!

Maurice Saltmarsh

20 year TEK'

JIM CUTLER

