

Farewell David

At a recent ceremony at Southgate, marking the end of nearly three years secondment to Tek U.K., David Lindberg was presented with a gift of a Wedgewood vase, subscribed for by friends and colleagues, and a framed illuminated address, designed and executed by Ron Tradgett, of Southgate office.

During their stay in England, Dave and Vici have "doubled" their family by the births of Eric and Christine.

We in Tek U.K. extend our good wishes to the entire family on their return to Oregon, and in particular to Dave, as he takes up his new appointment in International Accounting at Beaverton.

Our photograph shows Dave and Vici with Maurice Parker, Company Secretary, who made the presentation.



AREA REP MEETINGS:

Thursday 10th July Harpenden at 10.30 a.m.

Management Representative: Maurice Parker

Thursday 7th August Maidenhead at 11.00 a.m.

Management Representative: John Dedman

Cover Girl



Doris Clenshaw, Telephonist and Receptionist, Hoddesdon.

Doris joined Tektronix in March 1973. Her interests including ball-

room dancing, cookery and knitting. (Doris's son Derek is also featured in our article on page 3)

(Photo - Ron Newman)

Sports and Social Club gets of to a flying start

Thursday evening 12th June, saw the launch of the Sports and Social Club's activities at Harpenden.

What was initially scheduled as a prelude to more ambitious events, the rounders game at Rothamstead Park was a resounding success, even for those who had to be crowbarred out of the Silver Cup after the pre-match drinks. The two teams, led by Lesley Williams and Lynn Tolman, were refereed with scrupulous fairness by Reg Smith who adhered to a set of rules and regulations pragmatically adjusted to the vicissitudes of the game.

The first innings by both teams was fairly uneventful, possibly due to the sporting instincts inherent on both sides but more likely from the

soporific effects of the booze.

Lynn's team scored steadily during this innings to command a strong position to face the second half. It was during this last period that the true sportsmen and women emerged. A fine strike by Roger Cawley to the outfield enabled him to make second base before being caught by Brian Curant. Unable to contain his admiration Roger charged at his opponent to congratulate him, in person, in no uncertain terms. Another worthy of note was Andrew Milligan who, despite severe damage in the covers managed to put a brave face on it whilst facing the lady bowler and scored steadily for his team. His was, in fact, the last wicket to fall, leaving Lynn's team victorious over Lesley's by 57½ to 35 points.

Stumps were drawn at eight thirty enabling the two teams to pursue the equally important social activities in the Silver Cup, during which time, the evening having been such a success, a re-match was arranged for a later date.

If you are not yet a member of the Harpenden Sports and Social Club and would like to participate in future activities, please contact Delia Roberts in Personnel or Julie Howes in O.E.M. Products at Harpenden. Membership fee is a mere 50p.

Ivor Thomas



SOME FAMOUS PADDLE STEAMERS

'One of the most imposing spectacles of this or any other age is the calm and impressive manner in which English writers claim the glory of having introduced steam-navigation to the attention of the world, and the coolness with which they say that this invention — having, like daylight, fresh air and other objects of great utility, been born in England — finally left its inventors to irradiate the names of others who reaped the benefit of English labours'. So said Albert S. Bolles in 1878 in his book 'Industrial History of the United States'. The arguments about this and other technologies still continues between people and nations.

The honour of producing the first paddle steamer to cross the Atlantic rests between the United States, Canada and Britain. Our American cousins weigh in with the 'Savannah' which dropped anchor at Liverpool at 6 p.m. on 20th June 1819 after a voyage of 29 days 4 hours from Savannah, Georgia. Of this period the ships log records that the paddles were in operation for about 100 hours, spread over parts of 12 days. In 1944 the illustrated U.S. stamp was issued to commemorate the 'First Steamship to cross the Atlantic'.



Canada's candidate is the 'Royal

William' and the reverse of the illustrated envelope is inscribed:

"Centenary Cover of August 18th 1933 commemorating the crossing of the Atlantic by the 'Royal William' in twenty-five days under steam for the entire distance, from Pictou, N.S., to London."

This 364 ton wooden paddle steamer was built in Quebec in 1831 for the Quebec & Halifax Steam Navigation Company, and during the summer made three round trips between these ports.

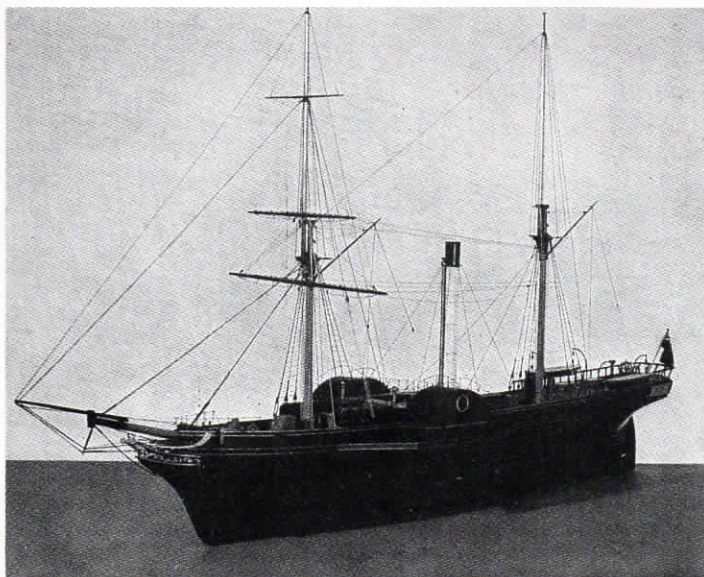
She resumed sailings in the spring of 1832 on the less exacting Quebec-Pictou route, but after her first trip was delayed for many weeks by quarantine regulations following an outbreak of cholera.

Lack of financial success led to the idea to sell her in England and she started her transatlantic voyage from Quebec, moving on to Pictou, Nova Scotia.

On August 18th she carried seven passengers paying £20 each, 253 chaldrons (324 tons) of coal and a few odds and ends of cargo.

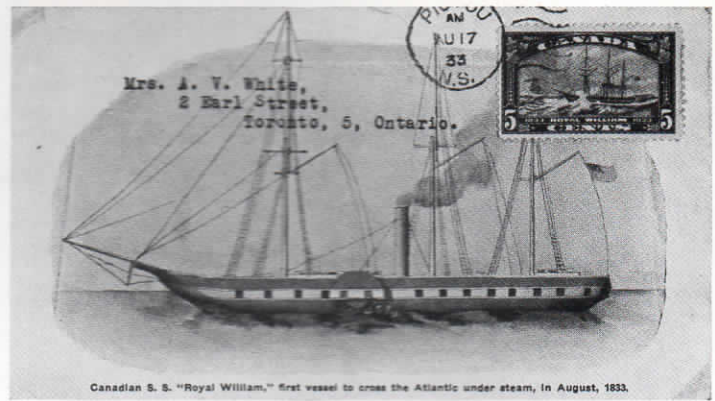
A severe gale off Newfoundland disabled her starboard engine and for some days she ran on one cylinder. Cowes, Isle of Wight, was reached on 9th September, the engines having been in regular use except for a spell of about 24 hours every four days for boiler desalination. She reached Gravesend on 12th September.

There was no intention of establishing a regular service across the Atlantic, although Samuel Cunard had a financial interest in her. He visited the ship before she left Pictou, no doubt studying details with great care.



Model of the P.S. 'Sirius' (1837) at the Science Museum, London. Scale 1:48.

This was the first vessel to cross the Atlantic under continuous steam power. She was built of wood in 1837 by Messrs. Robert Menzies



Canadian S.S. 'Royal William'

and Son, at Leith, for the service between London and Cork of the St. George Steam Packet Co., which eventually became the City of Cork Steam Packet Co. Although never intended for the Atlantic service, this little cross-channel steamer of 703 tons was chartered by the newly-formed British and American Steam Navigation Co., whose own vessel, the P.S. 'British Queen' was not completed in time to compete with Brunel's 'Great Western' for the first all steam crossing of the Atlantic.

Under the command of Lieut. R. Roberts, R.N. the 'Sirius' left Cork harbour on the 4th April 1838 with 40 passengers bound for New York. She encountered strong head winds, and some of the crew protested, declaring that it was madness to proceed in so small a vessel. However, thanks to the determination and discipline of the

commander she arrived safely off New York on the 22nd April, after an Atlantic crossing of 18 days 10 hours, at a mean speed of 6.7 knots. She was closely followed by the P.S. 'Great Western' which arrived the next day.

The arrival of the 'Sirius' in New York was an occasion of great enthusiasm, reported as follows in one of the local newspapers:— 'Nothing is talked about in New York but this 'Sirius'. She is the first steam vessel to arrive here from England, and a glorious boat she is. Every merchant in New York went on board her yesterday. Lt. Roberts, R.N., is the first man that ever navigated a steamship from Europe to America.' Her departure on the 1st May was also made amid jubilation, including a salute from the Battery of 17 guns. A mark of respect seldom or never before shown to any merchant vessel.



Letter carried by the packet ship 'Great Western', the first steamer to be constructed for the transatlantic service. She was built of wood by Mr. William Patterson, to the plans of Isambard Kingdom Brunel, and launched on the 19th July 1837 for the Great Western Steamship Company. Her first crossing of the Atlantic was accomplished in April 1838, and fully demonstrated the

practicability of ocean steam transport. The maiden voyage took 15 days 5 hours at a mean 8.8 knots.

Thus the laurels for the first steam crossing of the North Atlantic should be shared for at least three nations contributed to the early development of the maritime use of steam power.

John Seaman
Harpندن



Recipes from Ireland

Our thanks to Sandra Ward of our Dublin office who has sent us the following local recipes:-

Colcannon is very cheap to make and is made out of the sort of ingredients you would normally have lying around the kitchen or are at least very cheap to buy. Also it is a nice accompaniment to cold meat or eggs or even fish, and very nutritious.

Equal quantities of cold boiled potatoes and cooked cabbage or curly kale.

1 oz butter or marg.

A little milk

1 teasp. chopped parsley

1 slice of onion

Salt and pepper

Put the mashed potatoes into a basin, add the finely chopped cabbage or curly kale, chopped onion and parsley. Melt the butter or marg. add to vegetables, season with salt and pepper. Mix this all well together with the milk. Turn into a saucepan, and make piping hot whilst stirring with a wooden spoon. Serve in a hot vegetable dish and score the top with a fork. Delicious!

ECONOMICAL FRUIT CAKE

4 oz butter

1lb currants, raisins or sultanas

10 oz flour

1 teasp. mixed spice

Pinch of salt

1½ gills water

6 oz sugar (brown or white)

2 eggs

1 teasp. bread soda

1 oz mixed peel (optional)

Boil butter, water, fruit and sugar together for 5 minutes. Beat in egg. Add sieved flour, soda, spice and peel and beat well. Bake in moderate oven for 1½ hours. Turn out and cool on a wire tray or sieve.

SODA BREAD

4 level breakfastcupfuls flour

1 small teasp. salt

1 level teasp. bread soda

Sour milk or buttermilk

Mix all dry ingredients together. Form into a stiff dough with sour milk or buttermilk, knead well, flatten out to about 2 inches in thickness. Then score the top with a knife, brush over with sour milk and bake until when tapped on the bottom it makes a hollow sound.

Putting trombones to the test

Derek Clenshaw (Test Department, Hoddesdon) began playing the trombone when he was twelve years old. If you think that that kind of thing doesn't happen by chance, you would be right. Derek's father, Derek Clenshaw senior, played trombone in the British Army.

Young Derek was given the choice between going on a school outing to France or having his own trombone. Yes, you've guessed it, Derek chose the trombone!

Since then his musical career has been very successful. He joined a brass band as principle trombonist and then became Bandleader of the Harlow Youth Big Band Sound,

playing all kinds of music of the 1930's and 1940's, including Glen Miller.

Derek then joined a smaller combination band as a freelance musician, performing traditional jazz, and pop, later taking up keyboards, two synthesisers, electric piano and Hammond organ. Now with his own band called Shandy he is well known in the musical "under world" and has worked with many well known artists such as Jon Pertwee, Jim Davidson, Roger de Courcy, Freddie Randle, Dave Dee and Eddie Hastings.

(Photo by Ron Newman, Q.A. Hoddesdon)

Quote

The British and the Americans are two nations divided by a common language.

(Attrib. G. Bernard Shaw)

Banking made easy

When you receive a cheque, it is a simple matter just to endorse it on the back, complete a paying-in slip, and take it to your friendly local bank, there to hand it over to the teller behind that germ-proof, almost sound-proof glass barrier (bandit-proof?). And in a few days, there it is on your statement. Easy, isn't it? Or is it?

Just take a look at this cheque drawn in favour of 'Telequipment', value \$1419.40, which has been bouncing around (we use the word advisedly) since early January. We reproduce both the obverse and reverse ('back' and 'front' sound too mundane for such a well-travelled document, don't you think?) so that you can decipher the numerous dates and ports of call for yourselves.

Incidentally, we still haven't had the money!

Ron Tradgett
Southgate Accounts



EXCEEDING YE TARGET

In those days, behold, there came through the gates of the city, a salesman from afar off, and it came to pass, as the days went by, that he sold great quantities of merchandise.

And in that city there were the order takers and they that occupied their days in the scribing of order statistics, and their astonishment was great, saying one to the other "Egad!", "Gadzooks!", and "How doth he accomplish these mighty deeds?"

It came to pass one day that many had gathered to talk again on these matters and a soothsayer came amongst them. Learning of his great wisdom, they questioned him saying "How is it that this stranger within our midst accomplisheth the impossible?"

Whereupon the soothsayer made answer, "He of whom ye speak is assuredly a hustler. He ariseth

before morning cock-crow and goeth forth charged with an abundance of pep. He complaineth not, neither doth he know despair. He is arrayed in purple and fine linen, while others journey about the city with pants unpressed.

"While ye all gather here saying to one another 'Verily this is a terrible day to work', he is already abroad so that when the eleventh hour is at hand, he needeth no alibi".

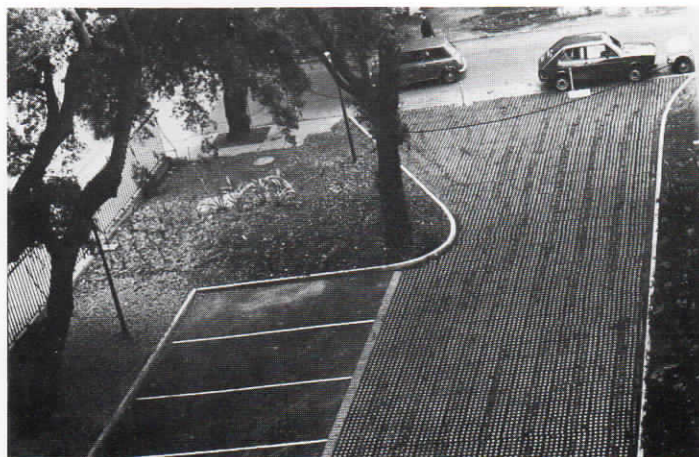
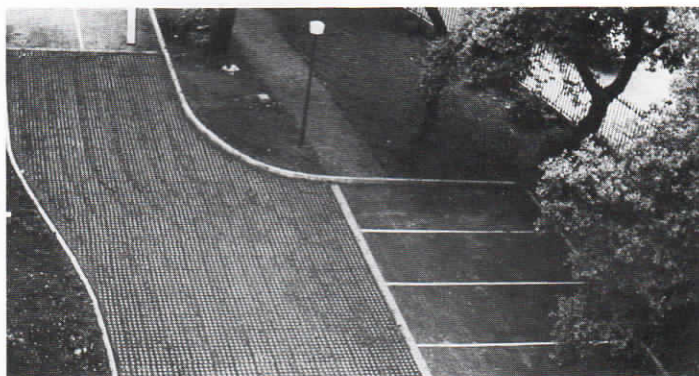
"He knoweth his merchandise unto the smallest detail and they that would stave him off are soon converted to think as he thinketh. If men say unto him 'Get thee gone' he heedeth not and in time departeth with their names inscribed on a dotted line. He taketh with him two mentors who are called Inspiration and Perspiration. I say to you, 'Go ye and do likewise'".

Quote

The turtle lives 'twixt plated decks,
Which practically conceal its sex.
I think it clever of the turtle
In such a fix to be so fertile.

(Ogden Nash)

Heard the one about the Irish car park?



IT HAD TO HAPPEN !
These two photographs were taken in Dublin recently. They show left and right views of a car park in one of the largest hotels in the city. Car-

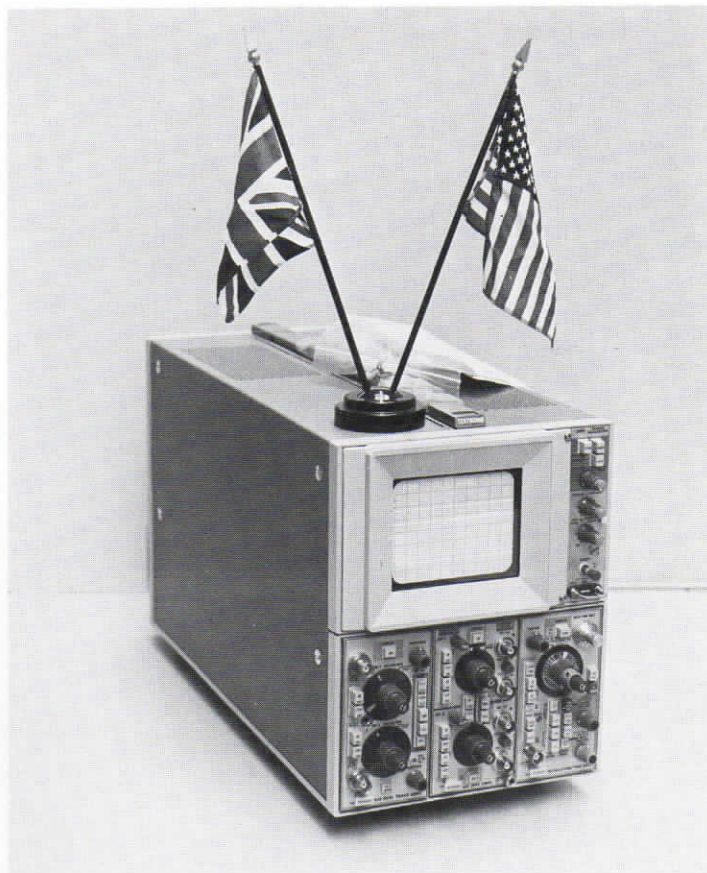
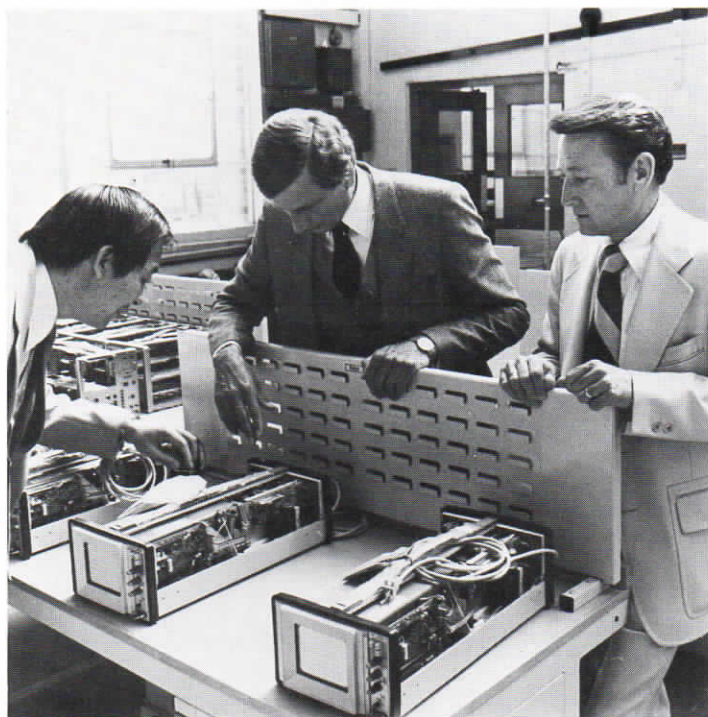
parking positions are clearly marked in white lines but what should be the access road is neatly sown with grass. There is no way in — and no way out!

First TEK U.K. produced 5400 series oscilloscopes

Months of co-operation between TEK Guernsey and TEK U.K. came to fruition recently when the first TEK U.K. assembled, Beaverton designed 5400 series mainframe passed successfully out of Test department at Hoddesdon.

In preparation for this milestone in TEK U.K. history there had been

a number of visits by U.K. personnel to Guernsey to familiarise themselves with the 5400 and when the first kit shipments were issued to production John Fallaize, Training Supervisor and Ron Hickman, 5400 Group Assistant, spent some time at Hoddesdon guiding the sets through Production, Inspection and Test.



Above
The first Tek U.K. assembled 5400 series 'scope which was produced as a result of extensive co-operation between Tek U.K. and Tek Guernsey.

Top left
Bob Döerner Operations Manager of the new Tek Germany operation shown here discussing Tek U.K. assembled 5400 series mainframes with Ed. Morrison and Guan Tan

during his visit to Tek U.K. on June 11th.

Bottom left
Ron Hickman, 5400 series Group Assistant from Tek Guernsey, explaining inspection procedures to Kathy Peden, Line Inspector.

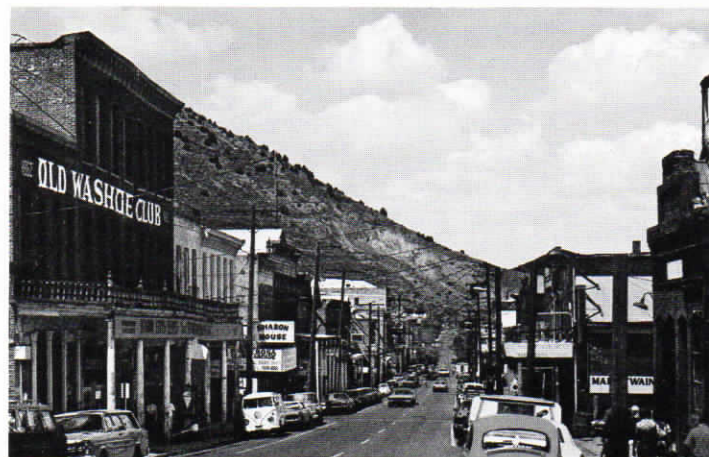
Below
John Fallaize (left) and Ron Hickman (right) show Daphne Burns and Linda Rowley how the 5400 series goes together.



U.S.A. from the inside

One of the first things you learn when you make the journey to Virginia City is that it is no-where near the State of Virginia. It is, in fact, several hundred miles away in Nevada. Before the year 1850, nobody lived there, it was no more than a barren hillside some 7000 feet above a number of deserted canyons. The only inhabitants were a handful of prospectors who sometimes succeeded in extracting a few dollars worth of gold from the rocks.

In 1859, however, two men Peter O'Riley and Pat McLaughlin



discovered the enormous deposits of gold and silver which were soon to make Virginia City famous as the site of the richest gold-strike the world has ever known. In a very short time the gold rush began, but not before O'Riley and McLaughlin were conned by one Henry Comstock into believing that they had jumped his claim to the discovery. The story goes that Comstock, aided by a few bottles



VIRGINIA CITY

MIRROR

1876 POPULATION 40,000
REFLECTIONS OF THE PAST, PRESENT AND FUTURE
TOTAL BULLION OUTPUT \$1,200,500,000


FRED ROSE

VISITS FAMOUS VIRGINIA CITY

VIRGINIA CITY— REQUIEM FOR A GHOST TOWN

It was a beautiful and memorable day—Saturday, August 10, 1948. Fred Rose, Sr., the great composer of "The Grand Canyon Suite" and other beautiful compositions, gave Virginia City the world premiere performance of his latest work, "Virginia City—Requiem For A Ghost Town." Following is one of the most beautiful and touching preludes written by Fred Rose, Sr., which was revised by actor Lail Erickson, whose dramatic

And yet, something on the wind—
The lonely wail of emptiness,
Rusted rotting swinging doors,
Dust upon dust,
The endless drift of rumbleweed,
A burst of sun on broken glass,
Velvet and gingham,
Creaking wagon
Rotting boards
And somewhere, somewhere,
A forlorn clanking bell
Calling in a congregation long gone,
Tolling in empty hope of resurrection—
no more.
Except, perhaps now for an instant
was it?
The sap of life roars down the street
The crooked sign creaks down
the dusty path.
The driver's whip cracks the air.
The old "Last Chance" bellows forth



JOHN MACKAY

FOUR FABULOUS MEN

The Unforgettable Silver Kings of the Comstock Lode

Not much can be said for a book on Nevada history that doesn't mention the names of these four empire builders—Mackay, Fair, Flood and O'Brien. Their contribution to Virginia City was endless in the way of wealth and the personal stories that are known about each one would fill volumes.

dissolved his friendship with his partners and kept the acquaintanceship strictly on a business basis, since the partners had always defected Mrs. Fair.

After his term in the Senate ended, Fair left the Comstock for good and moved to San Francisco, where he

always called a scapegoat. It was mainly through Flood that transactions were made which kept the main industries and banks in operation, increasingly from the Comstock productions.

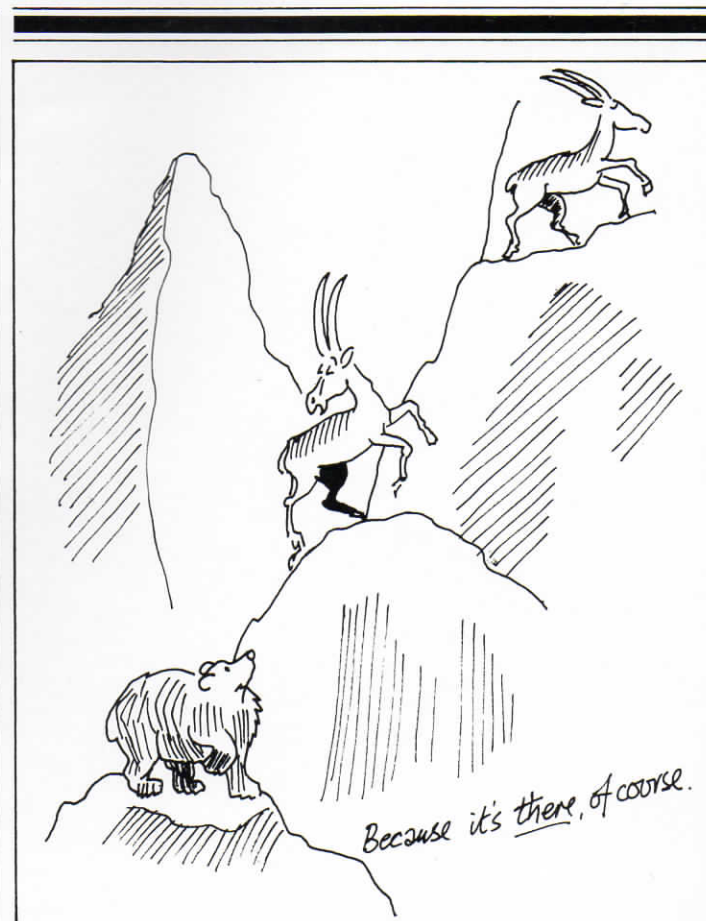
The marriage of James Flood and Mary Leary in Virginia City was a

as "The Comstock" to this day.

The population of Virginia City grew to more than 40,000 in five years, produced a great number of millionaires and helped substantially to finance the American Civil War and the building of San Francisco. The rich seams eventually ran out but with the rapid rise of the price of gold in recent years, the Comstock is once

more producing gold at commercially feasible levels, although not on the dazzling scale of the 1850's and 1860's.

The city itself has now been restored and rebuilt as a tourist attraction but one cannot help speculating on the possibility of an even bigger hord of gold awaiting discovery in the desolate surroundings of this fascinating ghost town.



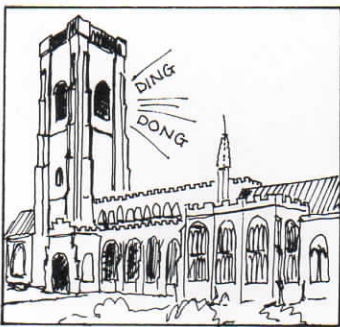
The Bells The Bells

It all started with the Hunchback of Notre Dame saying "The Bells The Bells", in the middle of a film.

Several years on, walking past a church and hearing the bells I thought what it would be like to ring one.

Again several years on, the opportunity to do just that presented itself and so at the appointed hour I arrived feeling a little foolish and rather dubious. Could those stories of people disappearing up the tower holding onto the rope be true I wondered? A hand fell upon my shoulder and I was ushered up the spiral staircase in what was the best reconstruction of a scene from a Hammer Horror film it has ever been my misfortune to feature in. At the top of the stairs the door opened slowly, creaking of course, and a voice, later identified as Arthur, called, "Is that the learner?"

After having the operation of the bell explained on a scale model I was stood against a wall, a rope thrust into my hand, and the



instruction "Now, we will learn backstroke won't we?"

Full of confidence I pulled on the rope only to hear the bell, which thankfully had a silencer fitted, smash into the stop. Too hard I was told, next time too soft, too hard and so on. I eventually realised that the idea was to get the bell to stop on balance, i.e. upright, but without hitting the stop. Here endeth the first lesson.

Backstroke finally mastered, ho ho, then its time to progress onto handstroke. Again too hard, too soft, too hard etc. Who could believe that pulling a rope to make a bell go "ding-ding" could be so involved.

Finally after several sessions practising backstroke and handstroke came the moment to get it all together. Very simply this means start on backstroke, balance the bell, go on handstroke, balance the bell and keep repeating. That was in reality the moment when my mind went blank, I forgot everything and nearly went up the rope.

At the present time its all getting better and Arthur's faith in my ability to ring the bell is still a source of amazement to me but who knows I might be able to ring Christmas in this year.

Les Brunton

Field Engineer - Eastern Region

ARTS REVIEW

Theatre Critic - Chris Thomas

For the ambitious sales person, how about a visit to the Theatre Royal, Haymarket? Not that this institution is imminently computerising.

Rather, to see a new West End production, 'Make and Break', a humorous investigation of sales exhibition activities.

The setting is a Hamburg trade exhibition of building products; the stage, the exhibition stand of 'Modus' manufacturers of wall-boards.

John Garrard, played by Leonard Rossiter, is the dynamic life blood of this young and successful

company. It is around his activities that the plot revolves. For the sake of business, you will be amazed to what lengths this man is prepared to go - or perhaps there again you won't?

James Grout, Leonard Rossiter and Peter Blyth on stage at the Theatre Royal, London in Michael Frayn's play 'Make and Break'.

(Photo copyright Sophie Baker)



TEK TIMES Who's that with Beryl?



Come along, you authors!

A number of folk regularly write for "Tek Times" and we are grateful. There must be many more with unusual hobbies or interesting experiences.

You write to us: the Editors will do the rest.

Don't forget - it's YOUR Tek Times!

all contributions gratefully received...

One hundred years young!

Val Dent, our Payroll Manager, has particular reason to remember 2nd May, this year, for it was the hundredth birthday of her grandmother Mrs. Esther Smart.

At the family celebration of the memorable day, four generations were present - Mrs. Smart and her daughter (Val's mother), Val, and her own daughter Annette. Tek

Times did receive a photograph of the celebration but it was, unfortunately, a little too dark to use.

To mark the occasion Mrs. Smart received a telegram from the Queen, and a visit from the Mayor of Islington, who presented a bouquet of flowers.

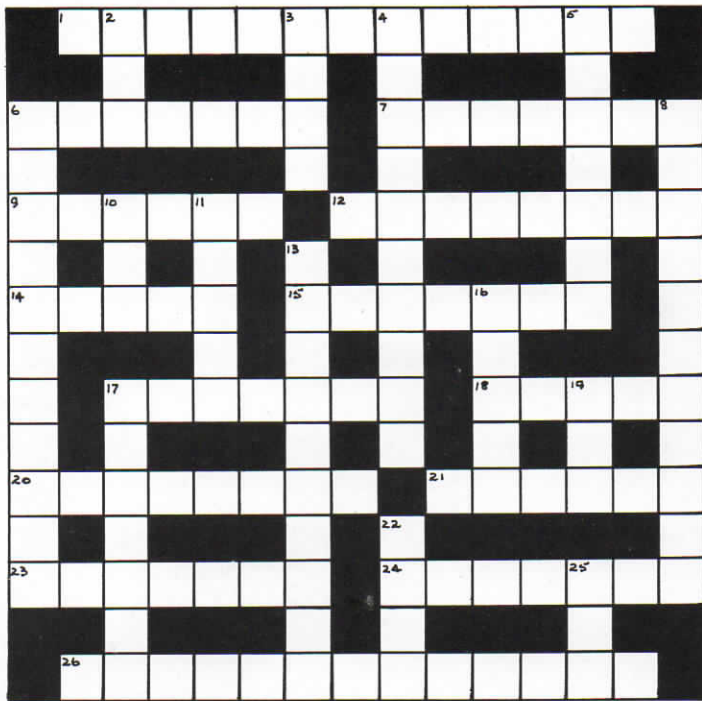
Congratulations to a great lady!

* * * SNOW * * *

Snowflakes dancing, twisting,
Tumbling,
Gently they fall to a carpet
of White,
Perfect crystalline, shape already
Pre-defined,
Swooping like an eagle in flight,
Slowly descending, a crescendo
Never ending, as the ground
Becomes covered overnight.

Jayne Gerrard
Maidenhead

Crossword



ACROSS

1. Roaring recipe for a winged messenger (7-6); 6. Opposed to clerical (7); 7. False report (7); 9. Hostility (6); 12. Rendered incapable of reproduction (8); 14. Native of India (5); 15. Acted with haste (7); 17. Solemn (7); 18. Hoddesdon Extension 45 (5); 20. Spinach eaters better half (5-3); 21. The lowest form of animal life (6); 23. Infection in the Pleural Cavity (7); 24. Sourness (7); 26. Most eligible bachelor (6-7).

DOWN

2. Curve (3); 3. Hearing organs (4); 4. Arrest fermentation by heating (10); 5. Hardened (7); 6. Hearing aid for the M.D. (11); 8. Containing first principals (11); 10. Homo sapiens (3); 11. Most certain (5); 13. Treat the swimming pool (10); 16. Moslem leader of devotions (5);

17. Loose shoe (7); 19. Sheltered side (3); 22. Separately considered (4); 25. Concreted sugar (3).

Answers to issue 19



Bob Orrock, Product Control, Hoddesdon.

Eastern District T&M strikes again



An important customer has recently placed an order for no fewer than eight of Tek's 834 Data Communications Testers. Although not the first order for this product, it is regarded as significant, not only for the U.K. but for the whole of Europe.

The 834 is the latest in a series of portable test instruments designed to locate faults in data communication networks of computers, visual display terminals, printers and plotters.

Les Farndale, National Data

Eastern region's recently appointed District Manager, Ray Ganderton (right) congratulates Chris Thomas, Regional Data Comms. Specialist on his excellent efforts in product promotion.

Comms. Specialist, is highly pleased with this latest order. Les said, "The 834 is a new product which is expected to make a significant contribution to T & M Sales in FY100".

Another new product from TEK U.K.?



...Well, a new baby anyway, for Dave Draper based at Hoddesdon, Product Control Dept.

His wife Kathy gave birth to their second daughter on 14th April, 1980. They have named her Karen Michelle.



Chess

by Eric Blancquaert, Test Dept., Hoddesdon.

A strategic manoeuvre found in three-move and longer problems. If White were to make a certain threat straight away, a Black unit could have an adequate defence to that threat. This Black unit is therefore decoyed away from the square from which it can play an adequate defence on to a square from which it will have at its disposal a new defence to the original threat.

However, the substitute defence will contain a weakness not present in the first defence, one which White can exploit in his mate (or continuation).

(By J. Moller 1920)

Solution to Problem No. 6 (May issue)

- 1) B - R1; P - Q3
- 2) R - N2; K x R
- 3) R - Q2 = MATE (by Bishop, by opening line)

CHESS PROBLEM No 7

White to move and mate in three.

