

## Company President visits Europe



La Villiaze

I.E.A London



Howard Vollum, President of Tektronix, Inc. is currently making a tour of Europe, along with his wife, Jean & his two eldest sons, Charles & Steve. They arrived in Guernsey on Monday, June 8th and left two days later, bound for Amsterdam. At the time of writing a visit was planned to Heerenveen and the family would then make for Paris for a few days. They will be returning to Portland about the middle of the next week after a brief stay in London including, it is hoped, a quick look in at Tektronix U.K. Ltd.

A great many improvements & additions have taken place to the Tektronix facilities in Guernsey since Howard's last visit in 1961 especially at La Villiaze. The new factory has been designed to a similar specification as those in Beaverton and his visit made him feel quite at home again, only the names are different...and the tea!!

Most of his time was spent meeting Unit Managers and Supervisors & examining in detail the various manufacturing and allied operations now taking place on the Island. On Tuesday he visited the Victoria Avenue factory and saw the fruits of plans recently finalised to expand the component

manufacturing and metalworking processes. The 'Albany' was his last port of call on Wednesday & he viewed the Field Training and Repair operation at Quay House & the Customer Service Store & the Instrument Warehouse shortly to be moved to 'Track Lane'.

Howard's feelings, on being interviewed for 'Tektopics', were that the visit was long overdue & that they would all like to be able to stay longer in Guernsey. Being a keen photographer, he lost no opportunity to take numerous shots of the Island & the various Tektronix locations. (The newly sown lawns at La Villiaze made all the difference!) He said that 'Tektopics' served an extremely useful purpose by giving the employees in the U.S. some idea of the activities of staff in Europe. Each issue is widely read in Beaverton.

The family enjoyed the brief stay so much that they were still busy looking at Hauteville House, (One time home of Victor Hugo), when their flight was being called at the Airport! We are pleased to report that they made it in time and they promised that it would not be another three years before returning to Guernsey again.

## Comings and Goings

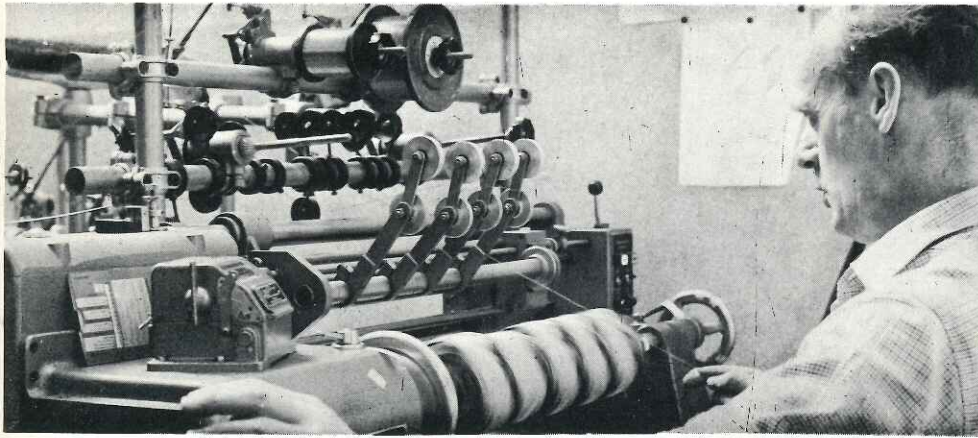
It's the Season for visiting Exhibitions, Customers, Relatives and that ever popular trip to the state of Oregon. Recent visitors to Guernsey have been Don Ellis, (Company Treasurer) & Earl Scott, (one time head of manufacturing in Beaverton.) not to mention the rash of U.K. Company Reps. who put a visit to this holiday isle at the top of their list in Summer.

The managers of some of the Tektronix European Operations, namely Hermann Haerri, (Tekintag), Frank Doyle (Tektronix Ltd.), Bob Gwynn (Tektronix Guernsey Ltd.) & Tom MacLean (Tektronix Holland NV)

left earlier this week for a two-week trip to Beaverton. We hear the Golf and Fishing are pretty good there right now!

The last 3 months have seen several electronics exhibitions in Europe. Tektronix has been represented at most, including the I.E.A. in London (see photo left) attended by 102,139 visitors. The use of electronics in Medicine is being shown at various U.S. Trade Fairs in Europe. It is quite surprising what our instruments can be used for; measuring brain reflexes or comparing heart-beat during an operation, with a stored pre-operative display.

# Transformers and Coils



The transformer and coils department, located at Victoria Ave, was the first component manufacturing area to be set up in Guernsey and Alan Richmond was chosen to lead this section. One of his first tasks was to look for U.K. suppliers of materials to Portland specifications. Alan spent a month in Portland in 1960 familiarising himself with all aspects of transformer and coil manufacture, returning to Guernsey with Gordon Sloat, (Manager of the Transformers and Coils Department in Beaverton) to commence manufacturing.

During Gordon's stay in Europe, he made himself known to the British suppliers and as far as possible evaluated the materials that Alan had previously purchased.

Once again (as in the case of the Capacitor Dept., reported in our previous issue) the main reason for setting up this dept. was consolidation of our commonwealth preference position.

## Transformers

The Transformers manufactured in Guernsey, both line and high voltage, are fully compatible with those of Portland and manufacturing methods are basically the same.

The power transformers are wound on semi auto (see photo above) and manually operated machines. High voltage transformers are wound on semi-automatic wave winding machines.

Line transformers are of standard design, consisting of coils wound on a laminated iron core. Because of circuit demands there are usually large numbers of secondary windings calling for care, both in winding & assembly, in order that the correct voltages are available at the specified terminals. H.V. Transformers operate at high frequencies, most at 60 Kc/s & use 'ferrite' (iron dust) cores.

The coils wound in this section vary in size & the number of turns from 8 to 750. Formers, made from such materials as delrin and nylon, are used. Both fixed and tuneable types are produced.

Hand winding machines are used throughout, the exact number of turns are shown on revolution counters.

A coating of lacquer affords both protection and a means of anchoring the winding ends in position.

## Personalities

Harold Allen started work with Tektronix Guernsey Ltd. on November 16th, 1959, in the shipping dept. & transferred to transformers in August, 1960, training as a winder. 'Hal' (photo above) worked his way through the dept. succeeding Alan Richmond as supervisor and now supervises a staff of three men and five girls.

Barbara Cleaver commenced employment in Unit Wiring on 2nd, October, 1961 and transferred to Coils in February 1962.



## Warehouse & Materials - changes

By the end of the month we'll see more proof that at Tektronix nothing is as permanent as change.

The Materials Group which has 30-35 people under Norm. Gardner previously installed at Victoria Avenue has now moved to the recently completed extension at La Villiaze. Two thirds of this area is being taken over by Customer Service, Stock and Shipping. Last weekend saw a fleet of lorries & vans engaged in moving stock (and dodging the heavy showers.)

About half the floor area at Victoria Ave. is being partitioned off and then the Shipping & Customer Service Stock departments of Tektronix Ltd. will be moving in.

These departments are at present at 'Brouards', ex fertiliser warehouse, (see photo left) now due for demolition. When we first occupied these premises, the smell was unmistakable evidence of the former stock & it required a deal of work with brush and broom to remove it!



# NEWSREEL

It was recently announced that Tektronix Inc had aquired the assets of Pentrix Corporation. This is a small company set up to manufacture Spectrum Analysers. These are designed at the moment to convert our time base instrument into a frequency base unit. Existing models will be absorbed into our manufacturing programme. The purpose of a Spectrum Analyser is to break down the complex wave-form in to its basic parts or harmonics and display these individually to determine their amplitude. It is possible that very little re-engineering will be necessary as the units are designed to plug into and to be compatible with, Tektronix instruments.

Combined shipments from Tektronix Ltd, Tektronix Guernsey Ltd. and Tektronix Holland N.V. reached a total of nearly two and a quarter million dollars in the month of April. This was no doubt reflected in the increased profit share last period. Lets just see that we can keep this up!

I think we must have seen all the variations in the spelling of Tektronix, now some people seem to be a little confused over what we produce. Last month we received a letter addressed to Messrs. Tektronix Ltd., Bakers and Confectioners. and all because Peter Fulwell ordered some trays for the Quay House oven.

Our motoring hint of the month passed on by Fred Rose of Albany House. If the brakes of your car fail whilst you are out and you leave it for a garage to pick up, ensure that the man who gets into your car knows what is wrong with it, or you may find that it has been crashed into the back of the towing lorry.

Roger Gill of Test & his brother have been kept busy during the last eight months building their new boat 'Trogill' and have recently launched it. 'Trogill', vital statistics 20ft by 7ft 8ins is powered by a 'marinised' Vauxhall which Roger hopes will give a speed of 15 knots. There should be no need to call out the press gang for a crew.

Peter Hejlsberg has called in from Switzerland to pick up his sailing dinghy. He was having it shipped to St. Malo and was then going to tow it all the way home by car. It wasn't until he tried to enter Guernsey that he found that he'd been travelling around Europe on his young daughters' passport. He might have got away with it but the photograph wasn't a very good likeness.

As you all probably know, the Odeon Cinema is having another of its summer alternate weeks programmes with, as is usual, double prices prevailing. Also as usual, the S&SC. is arranging half-price tickets for members and friends, see Peter Bott for details.



PHOTOGRAPHS.  
Nancy Snell(See Statistics)  
The Ladies Bowls Team.  
The La Villiaze extension.  
Roger Gill's boat 'Trogill'.

## small ads

### For Sale

TRIUMPH HERALD, 1960 Model. Two tone, 148cc. 25,000 miles, is in perfect condition. Apply Ron Loaring.

BLUE AND WHITE striped pram sun canopy. contact Bill Swarbrick. Final.

CAMERA, 35mm Super Paxette f2.8 lens and coupled range finder & Pewie light meter. £15 the lot. Contact Ron Loaring.

### Wanted

FLAT OR BEDSITTER for a single person., Contact Collin Norman, Stock.

TABBY KITTEN or pure black. Must be a Tom. Contact Ron Stanford, Vic. Ave.

### 5 year teks

Al. Graham, now Tektronix Guernsey, Ltd's Secretary, joined in 1959. The date? None other than April 1st!

Charlie Besnard, The Stock Supervisor for Tektronix Guernsey Ltd joined on May 25th.

Valerie Kanduth became a 'Tek' on June 15th 1959 when she joined purchasing. She now works for Tektronix Ltd.

## and

### Marriages

John Gillingham to Jennifer Collins at Ebenezer Methodist Ch. on May 2nd.

Gordon Minier to Angela Gill at the Town Church on June 6th.

Michael Rouget to Jean Blatchford on June 12th at St. Michelle du Valle.

### New staff

Unit Wiring.....

Ann Flatress	Angela Jean
Moirea McCormick	Shirley Torode
Ann Torode	Margaret Cotterill
Shirley Martin	Nancy Domaille
	Shirley Mycock.

Joyce Lipner and Janet Mauger....Cables

Rosemary le Mesurier.....Purchasing

Trevor Sparkes..Utilities.

Cecil Mollet....Tek Ltd C/S

* TEKTOPICS Vol 2 No 3 19.6.64 *
* Contributors to this edition were *
* Roy Perry, Peter Wardle, Ken Hart *
* Bill Downton, Steph. van Herwaar *
* -den, Joe Guerin, John Baker and *
* Component Mfg. Staff. Val Kanduth *
* typed and Don Brook photographed. *

## statistics

### Births

To Jon and Ann Dauncey, a 7lbs Daughter Julie Ann, born March 31st.

To Peter and Joan Bettell, twins, a son, Mark Leslie 5lbs 15ozs & a daughter Heike Jane 5lbs. Born April 19th.

To Leon and Maureen Ozanne, (nee Page,) A son Neil, 8lbs 9ozs, April 25th.

To Nigel and Maureen Ledbrook (nee le Tocq) a son John, 6lbs 2ozs born on April 30th.

To Peter and Peggy Brehaut, (nee Vaudin) a daughter Michele. 6lbs on May 4th

To Bernie and Merle Gallienne, a son, Ian Mark, born June 3rd. 7lbs 2ozs.

To Tony and Jean Pallot, a daughter, Bridgit, born June 11th,

To Nancy and Ron Snell, a son, by adoption, Gordon. Best of luck, Nancy, and many thanks for your efforts for the S.&S.C. in the past.

### Engagements

Angela Higgins (Mechanical Assembly) to Ivor Drawmer on March 28th.

Paul Birtwistle, (Model Shop) to Susan Brown on May 16th.

# sports \*\*\*



## SKIN DIVING.. by Steph.

With the finish of the winter sporting scene, the most notable event was the taking of the Inter-firm Football Cup for the second year running. Maybe next year...

Most of the summer sports by now will be well under way. Especially, it would seem, the Bowling Section, with two teams in the League, and with sometimes three matches to play in one week, the members are going to have to be very active indeed. As an example of what lies ahead, and, as an invitation to spectators, here is the Delancey fixtures menu for June alone:

June 18	Tek Mens	v. Nomads
22	Ladies	v. Nomads
22	Tek	v. Balmoral
24	Ladies	v. North C.
24	Tek	v. North B.
25	Tek	v. Cems
26	Tek	v. Nomads

Potential spectators are hereby reminded that the Delancey Hotel is a mere hedge-hop away!

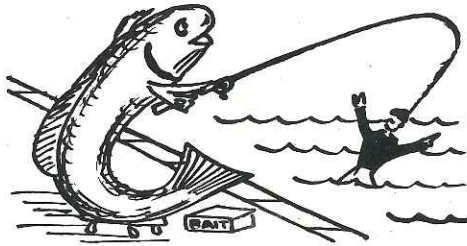
### Anyone for Tennis?

Tennis got off with quite a swing although interest seems to be dying a little now. Due to the lack of male support we will not have a team in the league this year but you are always welcome at Beau Sejour on Monday evenings.

The last Sunday in May saw our Soccer Team with supporters numbering 21 in Sark. The weather for the most part was reasonable. Incidentally, Tek won: 8-4.

The recently formed Angling Club had an extremely successful first boat outing a short while ago. Three boats took about 25 addicts to three different marks and the total bag weighed nearly 50 lbs. Three trips by boat were originally planned for this year but this first one proved so very popular that demand will probably force several more similar trips from the Committee. By the way, Bugword solvers may be interested to learn that the largest fish caught was a - Ballan Wrasse.

Whilst on the subject of fishing, Ron Snell caught an 8lbs 7oz Bass while angling one chilly Sunday morning at 4 A.M! This news made the 'Guernsey Press' and the 'News of the World'. 4 a.m, and 'that' paper- sounds fishy to us! We think this may make a certain person, now in America, pretty envious! Seriously though, well done Ron.



The underwater world is a fascinating place, one of the few places unspoilt by Man. The sea life lives in a paradise of shell covered rocks & wavering seaweed. Although the fish around our coasts are very ordinary they are very brightly coloured, especially the rockfish.

To go underwater fishing you need a fair amount of equipment, the main requirement is a wet suit consisting of a hood, jacket, boots and leggings. These suits are very bouyant & you need some 10 - 15lbs of lead around your waist so as to keep you just below the surface. A mask, snorkle & flippers are also considered essential. The harpoons are usually triggered by a spring but compressed air guns are more powerful, operation with air cylinders is really only for those seeking sunken treasure.

The fish underwater are multiplied to twice the size by the masks so a 5lb rockfish may turn out to be a big prawn when you bring it up! Bass and rockfish are the most common fish to shoot and a decent fish weighs from 5-8lbs. Crabs are the most sought after creatures by divers - out of the Ormer season - but you must keep your fingers away from their pinchers! Largest fish to be seen are Rays which are about 15ft long, Congers, ( about 14ft. ). Plaice Whiting and Mullet are just about the most difficult fish to catch.

It is surprising that more people don't go underwater fishing as it is a fascinating and interesting place.

## Clues ACROSS

- 1) Eight sided. (7)
- 4) Vegetable, looks like a rusty auto. (6)
- 7) Take bit from distribution, tread softly in & create an upheaval. (10)
- 10) Not the bottom of the vessel in reverse. (3)
- 13) Makes riches in the centre a sure thing. (8)
- 15) Mean differently to give a proper noun. (4)
- 17) Take this off to expose a secret. (3)
- 18) The smallest girls name. (?) (3)
- 19) What's in the name like a good hard paint. (6)
- 23) This racer sails on this (5)

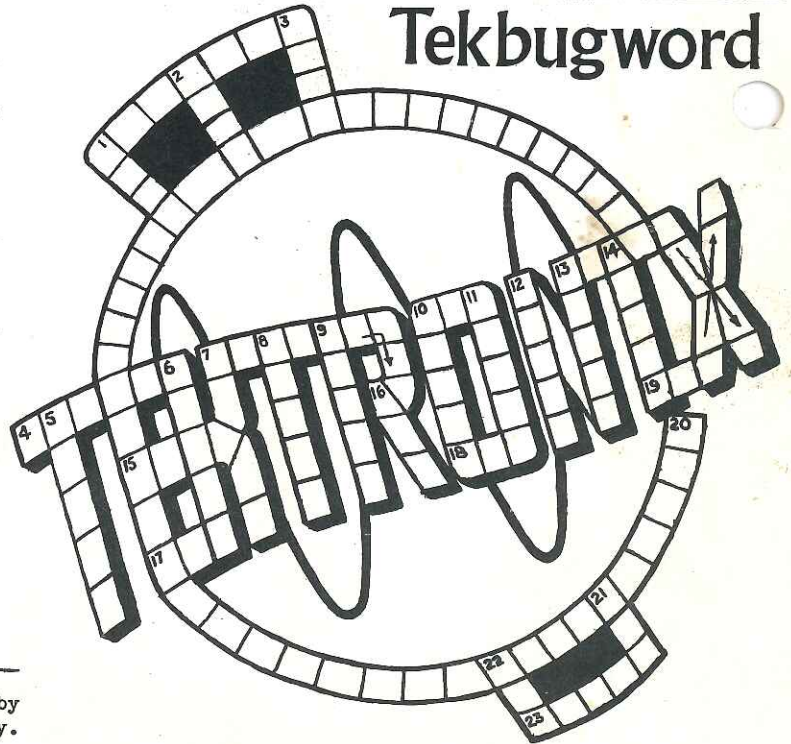
### AROUND

- 20) Five sea fishes. (8,7,6-6,9,4-4).

## DOWN

- 1) Not off of. (4)
- 2) Not known shortly-shortly (4)
- 3) A fiddling dignitary. (4)
- 5) More than village blacksmith requires contains his requirements. (5)
- 6) Shy. (5)
- 7) 500 at each end are crazy with fear. (5)
- 8) Inlist aid for uprightness. (5)
- 9) Speak for all. (5)
- 10) Step on a new tyre. (5)
- 11) What the artist does when he uses it. (5)
- 12) Inventor of dynamite. (5)
- 13) Little Thomas. (?) (5)
- 14) Noble when golden & good sighted when eye'd. (5)
- 22) Palindromic musical instrument. (3)

## Tekbugword



TEKTOPICS is produced for and by Tektronix employees in Guernsey.