

# HALLIKAINEN *hi-lights*

Company Newspaper - Vol. 3, No. 5 - May 31, 1963

Ann Fraley, Editor

Consulting K.E.H. Mr. Hallikainen came to the company picnic just off the plane from Philadelphia. He had gone to talk to Bell Telephone as temperature control consultant for Wyle Laboratories. It seems that the Telephone Company is going to lay another transatlantic cable with 330 amplifier stations, and they want to be very sure that these stations are practically failure-proof, because the transistorized amplifiers will rest on the ocean floor and there will be a cost of  $\frac{1}{2}$  million dollars every time a section must be pulled up for repairs. To insure that they have the very best possible equipment in these amplifiers, they are setting up a testing center to check the parameters of the transistors under close environmental conditions. There will be facilities to test 25,000 transistors simultaneously with computer control. The computer will detect a faulty transistor and stop the testing until an investigation is made. It will take from 6 months to a year to complete the testing, and each time a measurement is made the temperature on a particular transistor will have to be controlled to within  $\pm 0.05^\circ\text{C}$ . (This is where our equipment comes in.) These transistors will be selected in pairs. One of each pair will be used in the cable and the other will be submitted to continued testing. In this way, if a unit later develops problems in the test center, the engineers will know to be alert for trouble with its mate in the cable. If Wyle is successful in securing the contract, they will build the environmental chambers and design the circuitry to incorporate 105 Hallikainen Thermotrols in this equipment.

Board of Directors. Mr. Richard K. Brown has been elected to the Board of Directors of the company. Mr. Brown is a local man, having graduated from Oakland High and San Jose State College and he is president of National Welding Equipment Company in Richmond. He replaces our inimitable M. L. Bramson who has resigned from the board.

Safety Engineer. Monty Montgomery has been appointed among other things, safety engineer for the plant. It is his responsibility to see that the safety equipment is clearly marked and is in good repair. Any hazards should be reported to him for his attention.

6'4" - Accountant. As the new head of our accounting department, Martin Kaufmann is quietly putting things in order. Although he was born in New York, he calls himself a Californian on the basis of having lived most of his life in Burlingame and graduated from high school there. He also attended U.S.C. where he received his degree in business administration specializing in finance. His career has been interrupted three times by Uncle Sam, first for a year in the Air Force in 1945, then back in for 3 years (1950 to 1953) during the Korean war when they sent him to Germany. His third hitch lasted one month during the recent Cuban crisis. In the time he was able to snatch between tours of duty, Mr. Kaufmann worked 3 years for Dun & Bradstreet, 2 years for a public accounting firm, 3 years in the controller's office of Yuba Consolidated and most recently as controller of Bartlett Snow Pacific Foundry.

To occupy his time off, he is an ardent baseball fan (plays a little at it when he gets a chance) and is a Major in the Air Force Reserve. The Kaufmanns live in San Francisco. Their son, Martin III is just 14 months old.

Research. Last week you may have noticed a group of men huddled around a strange looking structure of two-by-fours, electronic components, wires, gauges and recorders in the far corner of the assembly area. They were engineers from Wyle Laboratories who were here for two days collecting precise information about the application of our Thermotrols. With a bit of help from K.E.H. they found out what they wanted to know and went back to El Segundo with papers, photographs and sundry bits of equipment to continue their investigation.

Editorial Notes. Did you notice that we have a new face? We now look like the rest of the printed material put out by the company. Also, we promise you a picture or two from time to time which is possible now since we are printing on the multilith. We delayed publication this month waiting for pictures of the picnic, but they were lost in process. Any contributions, anyone?

**HALLIKAINEN INSTRUMENTS**

1341 SEVENTH STREET  
BERKELEY 10 CALIFORNIA

Report on the Picnic! With all of the last minute details, eventually everything was done and everybody had a good time! The food was the usual top quality from the Melrose Meat Market and Delicatessen, so our trusty Roger Brown turned out tasty bratwurst and hot dogs from his barbecue. Baseball and volleyball continued throughout the day with a few games of skill in between. The prize for guessing the plugs in the jar went to "rah, rah picnic fan" R. K. Brown (our new director), and the teen-age prizes went to Penny Hendrickson and Dagmar Stanke. Don Zolman won the balloon popping contest, and he and Henry Schuetz were the last up in the "cockfight". Don Goode won the spoon and golf ball race.

In the children's activities, the candy guessing was won by Greg Alston and Cindy Campbell, the candy scramble was won by Mary Montgomery and Mary Harris. Suzie Hallikainen and David Schatzki won the blockhead race, and Caroline Alston and Janet Waner took home the prizes for the spoon and golf ball competition.

Special thanks go to Henry Schuetz, Andy Guild, Rae Zolman and the Montgomerys who pitched in and did the work so that the rest of us could enjoy the day at leisure. As usual, we missed the good weather by a week either way. Let's hope for better luck next year!

New Billing Clerk. Arlene Coate has become the newest member of the noon volleyball group along with doing the job of billing clerk for the sales department. Her pleasant smile and cheerful attitude have already captured the admiration of everyone in the company. Arlene is a local girl, grew up in Richmond, graduated from high school there and completed a semester at Contra Costa College. She then decided to try working for a while and found that she likes it much better than school. She comes to us after working a year and a half for Marchant where she liked her job, but they closed the plant. Her outside interests include bowling, sewing, cooking and taking night courses at C.C.C. Her week-ends and vacations she spends swimming and water skiing at Clear Lake where her parents have a summer home. Arlene lives with her parents in Richmond. She has two older brothers, one married and the other away in the Air Force.

Canadian. Shirley Ramacher is now running the multilith, typing operating instructions and turning out correspondence for the engineering department. Originally from Canada, she graduated from high school in Vancouver and completed a year at the University of British Columbia before coming to Concord to join her parents who had moved here the year before. While she was attending Heald College in Oakland, she worked as a U.S.O. hostess in Pittsburgh (Calif.) and wrote a weekly article for the Camp Stoneman newspaper and the Pittsburgh local paper. Shirley comes to us from Kaiser Sand & Gravel Company where for 8½ years she had various clerical and secretarial assignments.

For her individual interests, Shirley swims, sings in choral groups and writes stories (human interest and historical fiction). Her husband is an insurance underwriter who dabbles in oil painting and is a test pilot in connection with his duties as a Captain in the Navy Reserve. Shirley and her husband both enjoy scouting around the "mother lode" country for historical monuments and relics, and they also enjoy the auto races and the roller derby. The Ramachers are now living in Berkeley.

Baseball, Anyone? Having distributed all of the flotsam and jetsam left around and about after the picnic, I am still ahead one baseball mitt. The owner may claim it upon presenting adequate identification to establish his ownership.

Personal Notes. The local section of the I.S.A. sponsored their annual I.S.A. day at the Leamington Hotel on May 14. Norman Waner was chairman of the second morning session. -- Welcome back to Virginia Carpenter from her extensive trip across the country. -- Good luck to Dee Fenster who left to take a job in San Francisco.