

OIL ON WATER MONITOR

Employing the principle of reflected light, the new instrument may be an exciting new weapon against water pollution. Floating buoy-like, the monitor will signal or alarm, according to individual purchaser's needs.

BUSINESS TRIP FOR H.I. MEN

The annual Instrument Society of America Conference and Exhibit was held in Houston this year during October 27-30, and was attended by K.E. Hallikainen, N.S. Waner, John McAdams, Tom Clark and Arthur Alston.

Apart from meetings to lead and attend, our people were exhibiting our most recently developed or newly acquired instruments, as well as our regular line of products.

The Conference was well attended (between 18,000 and 19,000 persons, according to Tom Clark) -- and our booth engendered a great deal of interest. We had the Diacon Moisture Analyzer on display, several Rotometers, Godart's line of medical instruments, the Setaflash, which is a new item we are handling in the United States for Stanhope-Seta, Ltd., and our newest instrument: the Oil on Water Monitor (pictured left.) In fact, the display model was a prototype only, so new is the item.

When in production and installed, the Monitor, approximately four feet by three feet overall, will float on its pontoons, and be used as a method of detecting pollution from tanker-loading areas and industrial or oil refinery effluents. Use by offshore drillers might also be predicted.

LET THE BELLS RING OUT...and they did!

Bells were ringing for Horst Herrmann and Monty Montgomery during the Company meeting October 1. Horst may have been "testing, just testing" but his timing was perfection as he brought up the subject of too many bell-rings throughout the day. The big question: WHO rigged the bells?

.... and on Friday, October 3rd the bells got out of hand again just before going-home time. Every five minutes they rang.... and rang.... and rang...and then it seemed that they would NEVER ring at all at 4:30! Friday syndrome??

SHOP LUNCHROOM

Those who say "yes" and those who say "no" have decided that the Shop Lunchroom will have to be delayed yet awhile. But we have a suggestion on file for noontime recreation (since volleyball got too rough!!) ...how about a game of Darts? With such a good supply of Englishmen, Scotsmen, and Europeans it should be an easy thing to get the game going..... and it's an "indoor" sport, too.

"WHAT?????" said Tom Hale. "Why, those guys'd kill each other!" Oh.

WHO'S ON FIRST ??? or, THEY COME AND THEY GO!

Yes, they come and they go---and they'll never make the Old Timers Party at that rate! However, life makes its demands, and people have their reasons, so we've said "goodbye" to some nice people, and "hello" to:

Ray Castro, our new custodian;
Charles English, working as our part-time deliveryman;

Gail Macrusky, in Engineering;
Betty Magovern, working in G & A;
Mary Sindicic, in Production;
Norma Smith, our new Receptionist; and
Dianne Stevens in Engineering - all nice people, too, and interesting.

Gail Macrusky is studying drafting in a night course at Contra Costa College. That's ambitious! Betty Magovern acts in Little Theatre. That's silly. (It is not! It's fun, she says.) Mary Sindicic, daughter of a Standard Oil Operator, spent two months with her folks in India before marrying, settling down, and coming to work for Hallikainen Instruments... which is interesting. Norma Smith is a newlywed, too. And that's romantic!

* * * *

SPEAKING OF OLD TIMERS....

Close to twenty employees were chosen guests at the Annual Old Timers' Party on November 7th this year. The celebrants included those who had completed five years of service to the company, or ten years service or more.

Those invited gathered at the Point San Pablo Yacht Harbor at 4:30 PM for the short, happy cruise to San Rafael where everyone was treated to a great dinner at Dominic's (no, not Alice's!!) Restaurant.

Service pins were distributed to Florence Fields, (the Sweetheart of Old H.I., you might remember,) Yvonne Kirchenbauer, Antti Fagerroos, and George Kuehn, all celebrating five years with Hallikainen this year. Barbara Goode, Secretary and Head of Personnel since 1959, received her pin in honor of her ten years with the company. and Plant Supervisor Fred Wolff also received his ten year pin.

Presenting the awards gave Mr. Hallikainen a chance to reminisce and tell a few stories out of school. We didn't get our chance to eavesdrop though, and nobody's saying m-u-c-h. Mostly, just chuckling. Hmmm.

LABOR NEWS FLASH! ... Guillotine Operators receive severance pay.

EXPOSURE is the big thing these days.

And that's just what we'll be getting at the 32nd Annual Exposition of Chemical Industries, to be held in New York at the Coliseum from December 1 - 5. Hallikainen Instruments will be manning a large booth of our products, and it will be a great opportunity to make ourselves further known to industry. (Oh, you thought we meant that kind of exposure.)

THE DIACON MAN

Home is where his hat is, and Mr. Ed Grace has been at home with us since last April. A knowledgeable Lend-Lease figure on loan from American Meter Company (Philadelphia.)

The Diacon Moisture Analyzer was developed by Sun Oil Company, who rescinded a license for it to American Meter, and gave the license, instead, to Hallikainen Instruments for further development, sale, and manufacture.

The name Diacon is a contraction of dielectric constant, an electrical term descriptive of all non-metallic elements, including liquids, solids, and gases. Diacon is applicable not only in the petroleum industry for testing hydrocarbons, jet fuel, lubricating oils, etc. but also in the field of plastics and fibers where the layman can better understand its use: indoor-outdoor carpeting, for example, such as you might use around your swimming pool or on your front porch. Soluble water measurement is very important for such products.....After all, who wants a soggy carpet?

Ed Grace has spent twenty years with Sun Oil, and twenty more in related industry (one of the companies being American Meter.) He will probably be with Hallikainen a few more months, working on Diacon sales and promotion, solving problems, and toddling down the hall, quite at home with us and his hat.

MARTIN A. KAUFMANN, ... Accounting Department Head, is back in the halls, too, after a year assignment as Accounting and Finance Officer w/Hill Air Force Base in Ogden, Utah. A reserve officer, Mr. Kaufmann was called into service for the fourth time when the Pueblo incident triggered U.S. apprehension of a possible major confrontation with the Koreans.

Happy to be at home again, Mr. Kaufmann nevertheless holds very pleasant memories of skiing on some of the country's finest ski slopes, at Alta and Park City, only forty-five minutes from his home in Ogden.

Oh well, Tahoe isn't so very far.

RESERVATION OF LIFE

Another weld, another soldered connection, another chassis to bolt down. Or is it a part to fabricate? A test to be made?

Sometimes it seems that's all there is to our products when you're on the manufacturing end. But take another look -- at a feature story in the Chronicle and Tribune for Friday, November 7 -- and you may think differently!

The story tells about a young Canadian coed with all hope for living just about gone after having her lungs crushed in a freak Halloween accident. She was still alive after five days of dependence upon the Bramson Heart-Lung machine. With time running out for the girl, an anesthesiologist in the Winnipeg hospital remembered that two San Franciscans, M.L. Bramson and Dr. Donald Hill had developed a machine capable of oxygenating blood for long periods of time.

Thus alerted, Bramson made a call to our Monty Montgomery, who sped to San Francisco to move the intricate machine from Presbyterian Hospital to the Hallikainen truck, and thence to the airport.

Within eleven hours of the initial phone call from Canada, the girl's newly oxygenated blood was being circulated through her body via the Bramson machine, which had been flown to Canada in a chartered plane, along with the two developers and two nurse-technicians familiar with the machine.

Bramson and Hill led experimentation in the Dog Laboratory for two years, testing for eventual long-term perfusion. Until this incident the machine had never been used clinically for longer than 26 hours at a time.

At last report, the young girl had passed her 19th birthday in 50% perfusion, making history for herself and the Bramson machine.

This occurrence can only be good news for us here at Hallikainen, where the machine is being produced. It will undoubtedly stir interest all over the country, and our association with Bramson and the machine must certainly be a source of pride to plant and office alike.

NORMAN WANER was accorded the title of Fellow by the ISA recently, and received the award at the Honors and Awards Luncheon during the Houston conference. In order to qualify as a Fellow, one must have been a senior member of the ISA for at least ten years and have made sufficient engineering or scientific attainment as to warrant such honor.

PARENTS VS. TEACHER

We've been aware that many H.I. parents have been involved in discussions with Teacher regarding Johnny's progress - or lack thereof. Sherwood spoke with son Ricky's teacher and learned that Ricky was trying in school this fall. Very trying, the teacher said.

LONG PROJECT COMPLETED

The large Systems project for Atlantic-Richfield Philadelphia Refinery, begun in the spring of 1968, was completed in this summer of 1969 and is now in full operation.

We not only provided 53 new analyzers, and modified 19 existing ones, but also provided all facilities needed for the project to function, that is: power, water, air, steam. We established the specifications, purchased, tested, installed the entire system from the process line to the analyzers and back, and calibrated the analyzers in the field.

The analyzers provided the input signal to a large G.E. computer system which was in process of installation and, when completed, will be the latest in computer technology. Its value would be almost nil if the analyzers malfunctioned, and consequently, our Systems group carried tremendous responsibility for the proper operation of Atlantic-Richfield's overall system.

Men working on this project during these long months were N.S. Waner, W.B. Milligan, Arthur Alston, Jim Valle, and Milton Bricker.

THE WELCOME MAT

....was spread in November. First, for Ted Rybak, General Manager and Marketing Director for Process Control Valves (a Division of GEC - Elliott Automation.)

Next, we had four visitors from BIPM - The Hague (Bataafse Internationale Petroleum Maatschappij); from BICM - The Hague (Bataafse Internationale Chemische Maatschappij); and from KSLA (Koninklijke Shell Laboratorium Amsterdam.) Now doesn't Hallikainen sound easy?

The men, Messrs: Oerlemans, Schuringa, Kruidering, and Groenhof, were in the area on a visit to Shell Development, Emeryville, and requested to see our plant. Mainly, they were interested in analytical instrumentation and in laboratory equipment. They expressed some interest in the Falling Ball Viscometer.

MERRY
CHRISTMAS!

H

Christmas is coming; it's supposed to be joyous!
Hear that, EFS? and all who employ us?

O

Do you know of our projects? How much we are torn
As we work all the day from the first early morn?

L

Our cards have arrived! Now, isn't that keen,
When we haven't recovered from last Halloween?

Then stuck in-between like a calendar prank
Is a day for Thanksgiving. For that we should thank?

Oh, THE SEASON's upon us! Days fuse, and grow murky,
And we have to take time to roast us a turkey!??

The Ladies Mag Monthlies exhort and enthuse
Over THIS day and THAT day. Say, who hid the booze?

The stores open daily and stay open late;
They'll get every cent and are willing to wait.

Barge-in and charge it! Gift wrap or send?
We're starting to panic; oh, where will it end?

Yes, Christmas is coming; it's supposed to be fun.
Has anyone noticed we're on a dead run?

It's shopping and mailing and baking and wrap,
And every employee is caught in the trap.

So we work very hard and we're up very late
'cause Christmas is coming, and Christmas won't wait.

Hang up the stockings! Go buy the tree!
I don't know who will trim it, it just can't be me!

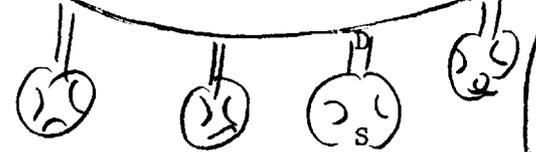
But we will, yes, we'll do it,
And we'll send out the cards.
And we'll bake all the cookies.
And put lights in the yards.
And we'll go to the parties.
And we'll tie lovely bows.
And the gifts will be perfect.

- WE KNOWS! -



WISHING A MOST HAPPY AND
PROSPEROUS 1970 TO YOU ALL....

Hallikainen Instruments



****The CHRISTMAS PARTY**

for

Grown-ups:

SATURDAY

DECEMBER 13, 1969

from 7:30

to

1 A.M.

DETAILS SOON

at the

Catalina & Bermuda Rooms
Richmond Civic Center

****A CHRISTMAS PARTY**

for

Your Children:

SUNDAY

DECEMBER 21, 1969

1:30 - 4:00 P.M.

with a MAGICIAN !!!
(they'll love him!)

Refreshments

and

SANTA !!

Tom Hale posed for this leg;
for reproductions see Tom Hale.

*U.S.Pat.No. 10½AA