

THE HEADLINER

Lucent Technologies
Bell Labs Innovations



Omaha Works

October 1997



Pioneers file photo

Helping hands build habitat

Muscle power goes a long way in a Habitat for Humanity project at 29th and Maple streets in Omaha. Heartland Council Pioneers began working on the dwelling in September along with other volunteers from the architectural firm HDR. The four-bedroom home, which should be completed in November, was one of many nationwide community service projects that Lucent Technologies officially recognized as part of its annual Global Day of Caring, observed this year on Sept. 20. In addition to the Habitat project, the local Pioneer organization also supplied volunteers who planted trees and did other landscaping work on the grounds of Douglas County Hospital. And, in their ongoing educational Map Project, Pioneer volunteers painted an oversized map of the United States on the playground of St. James/Seton Grade School.

More photos and story on Page 4 ►

'Looks' really can make an impression

It's said that customers form 10 impressions of you in the first five seconds. Imagine what goes through customers' minds when they take a tour of our shops?

If a recent tour by members of the American Copper Council is any indication, renovation work and our renewed focus on orderliness and cleanliness has not been for naught. They gave high marks to areas they visited in the electronic wire and cable (EW&C) shop and the granulator work area.

Touring here were 60 of about 115 members attending their fall conference Downtown. Although not visiting us as customers, they are familiar with other wire and cable manufacturing operations, so their comparative appraisal is a point well taken.

Al Koenig, a planning engineer for the plenum insulate area, was a tour guide for about a dozen of the visiting copper council members. One in particular made repeated positive remarks about what he saw, starting with EW&C's No. 1 wire draw area.

"He said that undoubtedly this is the cleanest facility he'd ever seen," said Koenig. Others in his group agreed.

"We go to great lengths to have a clean area. We're always trying to make a good impression," Koenig said.

The American Copper Council is the educational arm of the copper industry, representing copper producers, fabricators, consumers, merchants, public utilities, scrap dealers and commodity clearing firms.

Herb Rhodes, who is manager of Lucent's Commercial Metals Services here, is secretary for the council. ■

NEWS IN BRIEF

Rich McGinn is Lucent's new CEO

Richard McGinn, who has been president and chief operating officer of Lucent Technologies, is now chief executive officer (CEO) of the company, effective immediately.

Henry Schacht, who has been serving as CEO of the new company since October 1995, will continue as chairman of Lucent well into 1998.

McGinn and Schacht have both described their partnership over the past two years as unique and productive, and said the succession was well planned and envisioned from the beginning.

The entire Lucent leadership team now reports to McGinn, who is making all day-to-day decisions as CEO. Schacht is assisting McGinn in the transition.

"The successes we have achieved in the past two years are only the beginning," the new CEO said. "We are the right company, with the right technology and people, in the right industry at the right time. The opportunity is ours." ■

Reorganization focuses on growth and customers

Effective Nov. 1, 1997, several organizational changes will take place in Lucent Technologies to better focus on our fastest growing markets, intensify the focus on our customers and accelerate globalization.

In conjunction with the reorganization, Lucent Chief Executive Officer Rich McGinn named two chief operating officers (COOs): Dan Stanzione and Ben Verwaayen.

Stanzione, who has been serving as president of both Network Systems and Bell Labs, will continue as president of Bell Labs. He is credited with bringing Network Systems to record growth in revenues and earnings.

Verwaayen previously was president of the Dutch PTT Telecom and chairman of Unisource, a consortium of European telecommunications companies and AT&T. He brings unparalleled knowledge of the global communications industry.

Stanzione and Verwaayen will jointly support Lucent's business units, with Stanzione having oversight over technology, manufacturing and

product architecture decisions and Verwaayen taking the lead on all globalization efforts.

McGinn also announced a restructuring of Lucent's business units into 11 new business units plus Bell Labs. The restructuring should enable the new units to become more business focused and allow Lucent to pursue the fastest-growing segments of the communications market. The groups list as follows:

• **Bell Labs.**

• **Network Products Group.**

Includes all manufacturing, development, product marketing and management for fiber products, including SYSTIMAX® and power systems products.

• **Microelectronics Group.**

Includes integrated circuits and optoelectronics units.

• **Intellectual Property Division.**

Responsible for managing and creating value from our portfolio of intellectual property.

• **Business Communications**

Systems. Includes all voice-related products currently part of the BCS portfolio.

• **Data Networking Systems.**

Includes data networking offerings targeted at enterprise and Internet

(Continued on next page)

THE HEADLINER

The Headliner is an internal publication of the Omaha Works, produced monthly by the public relations department and printed by the Works print shop.

Your comments and suggestions are welcome and should be directed to:

Linda Ryan, Editor
Ext. 3795

The next issue will be published on Dec. 10, 1997. All news items should be in to the PR office by no later than 9 a.m. Monday, Nov. 17, 1997.

Annual WEOMA Club Christmas Party

Saturday
Dec. 13

1 - 4 p.m. at the Works

Santa • Gifts • Entertainment
Clowns • Refreshments

Mark your calendar!



NEWS IN BRIEF

(Continued from previous page)
Service Provider (ISP) customers and the Internet Protocol and ATM core switching data offers to service provider customers.

♦**Global Service Provider Business.** Marketing and sales, service and support and program management for the network operators and service providers around the world.

♦**Wireless Networks Group.** Manufacturing, development, product marketing and product management for wireless products, software and support for the service provider market.

♦**Switching & Access Systems Group.** Manufacturing, development, product marketing and management for Sonet/SDH, wave division multiplexing and access offers.

♦**Communications Software**

Group. Development of software products focused in application areas such as intelligent network applications, network management and operations and Internet software.

♦**New Ventures Group.** Creates new ventures to get technology to market faster.

A new name for our business

In case you haven't already heard, our copper apparatus and wire business is now known as **Connectivity Solutions.**

The name better represents the products and services we provide our customers: Interconnection and outside products, electronic wire and cable, and supporting research and development.

October service anniversaries

Congratulations are due the following employees who officially mark milestone service anniversaries (in five-year increments) in October. The anniversary date is given first, with service years after the employee's name:

10/2—Adrian Smoot, 30; John Hiser, 30.

10/3—Sharon Foster, 30; Thelma Cronin, 25; Sherril Mefford, 25.

10/5—John Huladek, 30; Wade Phillips, 30.

10/9—Eileen Stock, 30; Mary Welch, 30; Nathaniel Mickles, 30; Dennis Belitz, 20; Delores Sirian, 25.

10/10—Dennis Horner, 20.

10/11—Douglas Engel, 30; Milton Swillie, 30; Raymond Harris, 15.

10/12—Michael Craft, 30.

10/15—Ronald Proctor, 35; Donald Gantt, 15; Gerry Callahan, 40.

10/16—Sharron Bailey, 30; John Hall, 30; Judith Anthony, 30.

10/17—Michael Black, 20; Dixie Szertwitis, 30.

10/18—Daniel McFadden, 15.

10/20—Rosa Hill, 15.

10/22—Karen Push, 15; Sharlene Kuhr, 35; Donald Golda, 35; Joanne Salkeld, 15.

10/23—Samuel Wright, 30; Kathleen Landrum, 25.

10/24—Sharon Brzezinski, 15; Lauren Jun, 15; Dennis Parker, 15.

10/25—Robert Faust, 30; Valjean Embrey, 15; Harold Sharp, 30.

10/27—Craig Williams, 15.

10/28—Marialyce Wagner, 15.

10/29—Ingrid Lanham, 15.

10/30—Larry Schlautman, 30; Peggy Carnes, 30.

10/31—Michael McMurtry, 15; Barbara Boll, 35.



Photo by Linda Ryan

Dolls, bears an amazing sight

Omaha Works employees and their families have participated in the Salvation Army's Dress-a-Doll program and the more recent Dress-a-Bear program for as many years as anyone can remember. Yet every year the sight of all the outfitted dolls and bears—displayed at the Works before the Army distributes them to local children—is an amazing show of talent, creativity and generosity. The Salvation Army's Cindy Augustine (left), director of volunteer services, and Col. Patricia Hickam (center), director of women's organizations, visited the Works to view this year's nearly 1,000 dolls and bears that were displayed in the auditorium. With them is Barb Brown, who helped coordinate the Heartland Pioneer-sponsored project. Pat Patterson (not pictured) chaired the Works program.

Retirements

The following employees recently retired from the Omaha Works. The effective retirement date is given first.

9/25—Oliver Whitaker, 35 years.

9/26—James Erickson, 30 years.

9/26—Richard Edgman, 42 years.

9/30—Charles Reed, 26 years.

10/4—Vernon Milius, 38 years.

10/15—Julia Larry, 31 years. ■

With a little help from friends

Lucent people pitch in to build Habitat home

On a sunny fall weekend you might expect people to be at a football game or working in their yards before cold weather sets in. But some 150 Lucent Technologies Heartland Pioneers, partners and family members have had something better to do. They volunteered their time to help build a Habitat for Humanity dwelling at 29th and Maple streets in Omaha.

The four-bedroom project began in September and should be completed in November, when Jeanette Winsley and her family can move in.

Habitat for Humanity is an organization dedicated to providing affordable housing across the nation's communities. Money, materials and labor are donated up front by businesses and individuals. Recipient families work at least 500 hours on the home projects, and sign mortgage agreements to cover the cost of materials. In this way money is returned to the program so that more affordable homes may be built.

The Pioneers were partners on the project with volunteers from the Omaha architectural firm HDR. In addition to providing labor, Lucent also made a monetary gift of \$12,500 to the project—\$10,000 donated by the Heartland Pioneers and \$2,500 donated out of the company's corporate funds.

The home is the first in the Habitat program to make use of some new environmental building technologies. It uses metal studs and metal roofing, stucco and insulation all containing recycled materials. And the cabinets are made from wheat—yes, wheat!—instead of trees.



"IF I DON'T LOOK DOWN"...Altitude doesn't seem to bother Robert Wright as he works on the roof.



NO WAY OUT?...Linda Jurgens is sure there's supposed to be a door here somewhere.



"THIS LADDER'S TOO SHORT"...Bill Fleming will have to find another way to reach those high-up places.

HEADLINE FEATURE



"DON'T TAKE THAT LADDER!"...Would Rick Velasco leave co-workers Patty Ocken (from left), Judy Swanson and Kathy Bernal stranded on the roof? The team from Lucent's Small Business Communications Systems at 110th and O streets worked alongside Omaha Works volunteers.

Pioneers file photos



INSERT TAB "A" INTO SLOT "B"...Ralph Brewer drills together some steel studs.



UP ON THE ROOF...Jennifer Huff (left) climbed aboard to help Judy Swanson (forefront) and Kathy Bernal. The Small Business Communications Systems team also helped with the house's telecommunications wiring.



"IF YOU HOLD THE NAIL, I'LL HAMMER"...Steve McCullough (back to camera) seems to have a lot of trust in Ralph Brewer's offer. Rich Schaben (right) watches to make sure Brewer doesn't miss his mark.

Choking on an aspirin

Heimlich to the rescue again

What are the odds that in just two months' time, somebody here would perform the Heimlich Maneuver on a co-worker, making it the second time that a Works employee has been saved from serious injury, possible brain damage or even death?

Nevermind the odds, in August it did happen again. This time machine maintenance supervisor Rick Walkowiak came to the aid of a machinist in his group, Bob Gale—two months after Mike Francavilla successfully performed the Heimlich on co-worker Linda Miller, who was choking on some food.

His day shift about over, Gale filled a cup with water from the shop water fountain so he could take some aspirin for a headache. He drank the water and managed to gulp down two aspirin, but a third became lodged in his throat.

"I was unable to breathe at all," he said. Gale immediately turned to look for someone to help him. He saw Walkowiak across the shop reviewing the day's events with second-shift machinists Dave Steffen and Ziggy Rasokat.

With panic in his eyes, Gale walked over to them "reaching for my throat and hitting my chest to try to let them know I couldn't breathe," he said. Less than a

minute had passed, "but I was microseconds away from passing out. And if I did, how would anyone know what was wrong with me?"

Walkowiak saw Gale approaching and invited him to join the conversation. "He didn't say anything, and then I noticed fear in his eyes and that he was acting strangely."

The mind races

"Is something wrong?" the supervisor asked, and Gale "seemed to turn and push into me," Walkowiak recalled. By his actions and the half full water cup Gale was holding, Walkowiak instinctively knew that Gale was choking. Instantly, his mind raced back to the Heimlich Maneuver training he had more than two decades ago at the company's Hawthorne Works.

"Very clearly I remembered how we worked on a dummy for practice," he said. Moving behind Gale, Walkowiak circled Gale's midsection with his arms, but—because of Gale's size—just barely. He clenched his left fist and thrust upward, but nothing happened.

Thoughts raced through Walkowiak's mind again: "Am I doing this right? Will I hurt him? Can I do it at all?" He

Heed what we tell our kids

Don't talk with food in your mouth. Don't run while eating. Chew your food before you swallow.

Sound familiar? It should. We've heard it from our parents and we've repeated it to our own children and grandchildren. But do we do as we say?

Linda Miller, who was saved by co-worker Mike Francavilla in June from choking, admitted she was in a hurry that day a piece of her lunch lodged in her airway, keeping her from breathing.

"I was eating and talking at the same time, thinking about getting back to work," she said. Food blocked her windpipe faster than she could realize what was happening.

Bob Gale admittedly was in a rush,

too, before he began choking on an aspirin. "I was stressed out at the end of a day, my head hurt and I just wanted to go home," he said.

Two choking incidents—and fortunately two successful Heimlich Maneuver applications—in two months' time—may seem unlikely, or is it?

We tend to go off in several different directions and do everything at once, Miller explained. "It's easy to not pay attention to what you're doing. I think that's what happened to me (when she began choking while eating), but I sure pay attention now."

Large, poorly chewed pieces of food and playing, crying, laughing or talking while food (or foreign bodies) are in the mouth put a person at risk of choking. Dentures also pose a choking risk, as do elevated blood alcohol levels.

Precautions against choking are just as important for adults as they are for

children. They include:

- ▶ Cut food into small pieces and chew slowly and thoroughly, especially if you wear dentures.
- ▶ Avoid excessive intake of alcohol.
- ▶ Avoid laughing and talking while chewing and swallowing.
- ▶ Prevent children from playing, walking or running with food or foreign objects in their mouths.
- ▶ Keep foreign objects (such as marbles, beads, thumbtacks) away from infants and small children.

What to do in emergency

What should you do if you are near a person who is choking—who cannot breathe because an obstruction blocks his or her airway?

The following instructions direct

put all his strength into the next thrust because it might be the last chance, should Gale collapse and they both would fall to the floor.

Airway is opened

It worked. An aspirin popped out of Gale's mouth onto a workbench, and Gale inhaled deep breaths. Visually trembling, he sat down to regain his composure before Walkowiak escorted him to the medical office, where Gale was examined and released.

"It could have been very tragic," commented Walkowiak, who indicated he was grateful to have had and been able to recollect his training on the Heimlich Maneuver.

"It really didn't hit me what had happened until I was driving home. When I started thinking about Bob's family—his kids, what might have been—tears came to my eyes," Walkowiak said.

Said Gale, "I was totally exhausted afterward. I thought I was going to die. I thought I'd never see my wife again. I was helpless.

"I told Rick later, 'I'm glad you were there.' I can't thank him enough." ■

you to perform the Heimlich Maneuver *on a conscious adult*. Be aware that *circumstances dictate variations* to the maneuver: For example, if the adult is pregnant or obese.

The Heimlich also is applied differently should an adult lose consciousness. Its application differs for a young child or an infant, too, conscious and unconscious.

A course on CPR (cardiopulmonary resuscitation) and the Heimlich Maneuver is now being offered through the WEOMA Club after work hours. You can sign up at the WEOMA Office and may call instructor/trainer Dennis Bagley (Ext. 3302, Pager 9-4666-0804) for more information.

A limited number of booklets titled "First Aid for Choking Victims" offers basic instructions on the maneuver and are available at news racks throughout the plant or through the Works safety department.



Photo by Linda Ryan

RICK WALKOWIAK AND BOB GALE...To a person who's choking, seconds seem like an eternity, said Gale.

Performing the Heimlich on a conscious adult

► Know that the choking victim's airway is completely obstructed. Victim cannot speak or cough; may be grasping at throat. (Do not interfere if victim is speaking or coughing effectively.)

► Apply the Heimlich Maneuver. Stand behind victim and wrap your arms around victim's waist. Grasp one fist into your other hand. Place thumb side of your fist in the midline slightly above the navel. Press fist into abdomen with five decisive, quick inward and upward thrusts. (This forces air upward into the airway from the lungs with enough pressure to expel the foreign body.) Continue until obstruction is expelled or victim becomes unconscious (see "First Aid for Choking Victims" for more detailed instructions).

Performing the Heimlich on yourself

You can use the Heimlich on yourself if no one is there to do it for you, says Dennis Bagley of the Omaha Works Fire and Rescue Brigade.

► Grasp one fist with other hand. Place thumb side of your fist midline on your waist slightly above your navel and deliver quick inward and upward thrusts to yourself.

► OR, bend forward and position your midsection over the back of a chair (or counter edge, whatever reaches) and apply thrusts by pressing against the chair.

► Continue as long as you are able until obstruction is expelled. ■

Nov. is ISO 14001 Awareness Month

Look for banners and signs throughout the plant in November calling attention to the Omaha Works' bid for ISO 14001 registration. The Works is using the theme, "ISO 14001: Environmental Excellence for the 21st Century," as it works toward the ISO registration, which measures the quality of our environmental management systems (EMS).

To help prepare for the ISO 14001 Stage 2 (final) audit to be conducted by Lloyd's Register Quality Assurance (LRQA) the week of Dec. 8, 1997, a number of activities to heighten employee



ISO 14001 ENVIRONMENTAL EXCELLENCE
for the 21st Century

awareness are planned throughout November. In December, the auditors will interview various employees on their knowledge about ISO 14001 and on the Works' environmental objectives.

In the weeks prior to Thanksgiving, employees will receive informational material and token gift items at plant entrances when they come to work. During the week of Nov. 17, all employees will be scheduled to attend training sessions in the Works auditorium.

Key questions that auditors will ask employees and the appropriate answers will be reviewed at the training sessions. These same questions and answers (summarized in adjacent box) will be the basis of a quiz to be conducted for a couple of weeks prior to the audit.

Employees will be selected at random to answer the questions. Gift certificates to a local nursery will be awarded to those 100 employees who answer correctly. ■

Key Q's & A's you should know

Q. What is ISO 14001?

A. ISO 14001 is a management system designed to improve the way we protect the environment.

Q. What is an environmental aspect?

A. Anything that can impact the environment (i.e., waste, usage of electricity, water, chemicals, paper, etc.).

Q. What is our environmental policy?

A. To strive for continuous improvement. To promote pollution prevention (reduce, reuse, recycle). To comply with relevant regulations.

Q. How do you report an emergency?

A. Call Ext. 3222.

Thanksgiving Food Drive

Nov. 10 - 13

Donate money

Food drive reps will collect donations in your work area.

Donate non-perishables

Look for collection bins at all Works entrances.

Drive benefits Greater Omaha Area Food Bank, supplier to local food pantries.

Get away!

1998 Ski Trip
to Winter Park Ski Resort

Feb. 26 - March 2, 1998
Sponsored by the Ski Club

- ◆ Includes travel by train, lift tickets & lodging
- ◆ Must use vacation days
- ◆ Approximate cost: \$380 per person



To sign up or for more info, call Jim VandeVegt, x4913