Number 1 Volume 21





Under Bud Moore's Charge, the Rail Facilities Crew Energizes the Red Line DRAWING \$50.00 IN LOTTO TICKETS TO ENTER CALL AND MENTION AD, NO PURCHASE NECESSARY

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Hi, My name is Ben Welch. I would like to take this opportunity to introduce myself to you and inform you that I've been with the RTD for 15 years as an operator. I've also been in the Real Estate business for 3 1/2 years. I specialize in V.A.'s, F.H.A.'s and REPOS. I am ready to be your agent for your future home. Please don't hesitate to call me.

MAY YOU HAVE A HEALTHY AND PROSPEROUS NEW YEAR.

Ben Welch

A Word from the General Manager



f 1992 was a year of challenge -- as the District responded to the riots, upgraded its cleanair fleet, grappled with demands for greater bus security and faced a variety of other issues -- 1993 will be a year of transition.

The merger of the RTD and the LACTC into the new Los Angeles County Metropolitan Transportation Authority is official on February 1. People of good will from both agencies have been working cooperatively with the Merger Steering Committee to create a happy and long-lasting marriage of the two organizations.

Much of the policymakers' attention has been focused on devising an organizational structure that will allow the MTA to carry out its mission of providing transportation services that will increase mobility, promote growth in the area's economy and improve our quality of life. At the same time, the Committee has been concerned about preserving employees' jobs, developing equitable salary schedules, and meshing pension and benefits programs.

This advance preparation will begin to fall into place when the new MTA board of directors takes offices. Among its first tasks will be to select a chief executive officer (CEO) and name the heads of the operating, planning/programming, construction and administrative units.

The MTA will be a new organization, but -looking back at 1992 -- some of the issues and problems the District struggled with last year will remain on the agenda.

The riots that shocked Los Angeles in late April were a tragic reminder that the city faces serious social problems, not the least of which is an inequitable transit system. The men and women of the RTD reacted magnificently during the disturbances by maintaining our schedules under trying conditions and by assisting law enforcement agencies. Our board responded to the rebuilding effort by authorizing the sale of 50-cent tickets for a fourmonth period.

Security aboard RTD buses improved somewhat with the addition of new Transit Police officers and the authorization to expand the force to 330 officers over the next three years. But some Board members, bus patrons and others were upset by the apparent inequality of bus security compared with that currently provided rail passengers.

The issue came to a head in December when Transit Police, under a program funded by the Board of Supervisors, began a 90-day intensive security demonstration project on Line 204. At this writing, the extra police presence aboard the buses and street patrols along Vermont Avenue have been highly successful at suppressing crime.

The District made significant strides toward a cleaner environment in 1992. In March, we introduced 33 buses equipped with experimental particulate trap emissions systems. In April, the District opened a new compressed natural gas (CNG) fueling facility, capable of fueling an empty bus in 10 minutes, at Division 15. In October, the District accepted the first of 303 methanol-powered buses with engines that emit only 25 percent of the particulate of a diesel bus.

Still on the clean-air horizon are the zeroemissions electric trolley bus (ETB), buses powered by fuel cells, and an Advanced Technology Transit Bus (ATTB). The Board has approved 12 lines for study as possible ETB routes and has selected Line 30-31 for an ETB demonstration project. The lightweight ATTB, to be designed and developed by Northrop for possible construction in Southern California (see page 4) will be adaptable to a variety of low-emissions technologies.

Perhaps our biggest challenge for the year ahead begins with the opening of the Red Line. The start of revenue service on the city's first subway marks the beginning of a new era in Southern California rapid transit. Our rail operations and maintenance groups have planned, trained and labored for months to ensure that the transition into this new rail service is as smooth and safe as possible. We can all be extremely proud of their contributions to this history-making venture.

Continued on page 32 . . .

RTD Chooses Northrop to Develop Lightweight, Space Age Bus

First-of-its-kind project will create jobs in the ailing aerospace industry

n a 7-1 vote, the RTD Board of Directors has chosen the Northrop Corporation to design and develop a lightweight bus constructed from spaceage materials.

The project will be the first involving the direct conversion of defense technology to civilian purposes, creating jobs in the local aerospace industry. Developing the Advanced Technology Transit Bus (ATTB) would provide area companies entry into an estimated \$80 million nationwide market for replacement buses.

"Southern California can retain its leadership position in the field of high technology by shifting its resources to the transit industry," said RTD Board President Marvin Holen. "That means jobs for our highly-skilled workforce and the maintenance of the region's valuable industrial base."

The first stage of the design and development project will be funded with a \$4 million grant from the Federal Transit Administration. The RTD will provide \$798,000 of local Proposition C funds to help fund the first phase. Federal funding is expected to increase to a total of \$21.7 million as the project continues over the next four years.

Northrop and the TRW Space and Technology Group were among six local firms responding to an RTD request for proposals.

During negotiations, Northrop's original estimate of \$4.9 million was reduced to \$3.8 million by restricting its proposal to the first design and development phase. The negotiations brought Northrop's estimate to within \$119,823 of TRW's \$3,699,576 proposal. Its proposal was judged best on four of five criteria during an independent evaluation.

The ATTB bus is expected to weigh some 10,000 pounds less than a conventional bus. This weight reduction, according to RTD General Manager Alan Pegg, could permit the use of several types of alternative fuel systems.

Pegg also noted that the use of lightweight materials developed for buses also might be applicable in the construction of rail cars. This could give a boost to local efforts to foster a rail car industry in Southern California.

RTD Asked by AQMD to Test Fuel Cell Technology

by Greg Davy, Press Relations

TD's pioneering efforts in the research and development of alternative fuels in transit vehicles have earned the District the opportunity to be among the first organizations in the nation to test ultralow emission phosphoric acid fuel cells in buses.

The fuel-cell testing program is sponsored by the U.S. Department of Energy, and is cosponsored by the South Coast Air Quality Management District (AQMD).

In a letter announcing the AQMD's intention to have RTD as a fuel-cell demonstrator, Dr. Alan C. Lloyd, chief scientist at the AQMD, wrote: "Based on first-hand experience working with Vince Pellegrin and the other fine engineers on your staff, we are very confident that they will do an excellent job of testing and documenting the bus's performance."

In addition, RTD was chosen because fuel cells are powered by methanol, a fuel RTD already has successfully demonstrated. RTD's Emissions Testing Facility also offers the expertise and equipment to quantify fuel-cell emissions readings as best as possible, Lloyd wrote.

The so-called "test bed bus" (TBB) equipped with a fuel cell that RTD will test is scheduled to arrive in early 1994. The 29-foot bus will have 24 seats and will be 96 inches wide.

Georgetown University in Washington, D.C., and Argonne National Lab, a U.S. Energy Department contractor, are the other two organizations that will test the fledgling technology. Georgetown

Continued on page 32 . . .

RTD Board Member Evan Anderson Braude Among Four City Selection Committee Reps to Sit on New MTA Board

Evan Anderson Braude, an attorney and a Long Beach city councilman, was one of four persons nominated by more than 80 Los Angeles County cities to sit on the new 13-member Los Angeles County Metropolitan Transit Authority (MTA) board when it is officially formed Feb. 1, 1993.

Others selected include Glendale Mayor Pro Tem Larry Zarian, Gardena City Councilman James W. Cragin, and Duarte Mayor John R. Fasana as the MTA's City Selection Committee representatives.

The remaining nine seats on the MTA board will be made up by the Mayor of Los Angeles plus three of his/her representatives, and the five Los Angeles County Supervisors.

Braude, who has been a Long Beach city councilman since 1986, is an attorney with the firm of Bennett, Kerry, Kistner and Garcia in Long Beach, where he specializes in business, municipal and administrative law.

Mayor Zarian has been a retailer for more than 20 years. He has been a member of the Glendale City Council since 1983, and has twice served as the city's mayor. He is active in numerous civic and community organizations, and is host of a radio talk show entitled "Government in Action" on KIEV-AM in Glendale.

Mayor Fasana of Duarte has been active in community affairs since moving to the city in 1985. Fasana has taken an active interest in transportation issues, and serves on the League of California Cities Transportation Committee and the SCAG Transportation and Communications Committee. He also is chairman of the San Gabriel Valley Transportation Coalition and is Duarte's representative to the Foothill Transit Zone.

Councilman Cragin is a retired insurance claims adjustor. He has served on the Gardena City Council since 1982. Cragin describes himself as an "early and fervent advocate" of Los Angeles County transportation funding measures, including propositions A and C. He is a member and past chairman of the Los Angeles County Transportation Commission's Citizen's Advisory Committee and is a proponent of balanced, anti-gridlock transportation programs.

Extra Service, Security Added to Line 204

RTD has increased bus service and police security on Line 204 serving Vermont Avenue in Los Angeles. Thanks to a special funding agreement provided by Supervisor Yvonne Brathwaite Burke, the additional service and police patrols will continue for a period of 90 days to determine their effectiveness in reducing overcrowding and crime on the bus line, one of the RTD's highest ridership lines in the system.

Burke provided the District \$1.4 million to add four buses during morning weekday rush hours and six during the afternoon period, as well as sufficient Transit Police officers to ensure

Continued on page 32 . . .

Transit Police Awarded Red Line **Security Contract**

The RTD Board of Directors voted 8 to 2 to award a one-year, \$2.4 million contract to the Transit Police Department to provide security services for the city's new Red Line subway.

Transit Police will provide a cadre of 36 officers for 24-mile coverage of the subway line, which currently encompasses 4.4 miles of track and five stations between Union Station and Westlake/ MacArthur Park.

In voting to award the contract to the Transit Police, the Board rejected a \$6.6 million proposal by the Los Angeles Police Department. During the meeting, however, LAPD Police Chief Willie Williams told the Board his department would cooperate fully with Transit Police if called upon for assistance. A motion to divide responsibility for policing the Red Line between the LAPD and Transit Police failed on a 5 to 5 vote.

"The Board of Directors has affirmed its full confidence in the ability of the Transit Police," Chief Sharon Papa told reporters.



Division 7 Stenographer Stacy Wilson cuddles the daughter of Operator Dana Mitchell.



Among the celebrators was Division 7 Acting Manager Joe Putt, who had a whale of a good time with daughters, Jennifer and Joanne.



TOS Derick Mahome did the Santa honors, much to the delight of the children.

ivision 7 celebrated Christmas the evening of Friday the 11th. Steve Crawford, editor of the division's

newsletter, writes
Headway that huge
amounts of delicious
food were consumed
as Christmas and
popular music sounded in every corner of

the train room. The music was provided by Operator Leo Holland, who was the DJ for the evening.

The celebration, courtesy of operators Davis Alleyne, Wayne

Anderson, Jackie Anderson, Robert Audelo, Walter Brady, Wilma Carrington, David Doakes, Mark Donougher, William Dukes, Elethia Fray, Peter Freeman, Elva

Holiday Magic

Garibaldi, Alice Gates, Samson Gessesse, Rose Graves, Beverly Guyton, Michael Lespron, Richard Lopez, Derick Mahome, Darcy Mason-Chavez, Levetta McCullar, Ruben Roa, Nathan Weathersbee, and Stacy Wilson, was typical of the many outstanding breakfasts and parties hosted by Division 7.

The kids were treated to a

visit by Mickey Mouse, who walked around the room, welcoming the party-goers. Later, a clown entertained the kids

with a magic show. Then, Santa arrived amid an excited throng of children, taking each into his lap. Santa also gave each child a

Continued on page 33 , . .

Look at the twinkle in Division 8 Operator Mel Carnival's eves! We think he made this little girl's day.



h Division 8 in Tow. **Helps the Homeless**

by Dan Frawley, Asst. Div. 8 Transportation Manager

Below: Dreams do come true, insisted Operator Leo Levy (at left), who coordinated Santa's visit with the Valley Shelter. Operator Vester Grayson (middle), who portrayed Mrs. Claus, and Santa, played by Operator Mel Carnival (at right) showed what RTD and the holiday spirit are all about.



anta Claus arrived early at the Valley Shelter of the Los Angeles Family Housing Corporation in North Hollywood. On Saturday. December 19, Mel Carnival gave a superb performance impersonating Santa

Claus when he handed out gifts to more than 100 children who attended the event. Helping him spread good cheer to the children were Operator Vester Grayson, who por-

trayed Mrs. Claus, and Operator Leo Levy, who coordinated the event.

Division 8 held its Christmas party on Saturday, December 12 -- and Santa had more gifts than he could give away. Operator Levy arranged to have Santa give the excess gifts to the children at Valley Shelter, which provides low-income housing as well as emergency shelter for the homeless. This is the second year in a row that Santa has visited the shelter. The kids have been on their best behavior awaiting his return.

I am told that there has never been a more realistic portrayal of Mr. Claus -- the kids as well as the adults loved him. A special thanks to Levy and Carnival, and to Grayson for the time and energy which they devoted to ensure that the event was a success. The District greatly appreciates their dedication and concern that others had a very merry Christmas. Their efforts have surely enhanced the image of the District in the childrens' eves.



The children at the Valley Shelter of the Los Angeles Family Housing Corporation were all smiles when Santa, alias Operator Mel Carnival, strolled in.

Virgil Middle School Students Help RTD Introduce "ARTI"

Phone system is fast, inexpensive way to get transit information

by Greg Davy, RTD Press Relations

Its formal name is the Regional Transit Information Network. But RTD is suggesting that the public just call it "ARTI" for short.

It's the easiest way to remember the most advanced transit telephone information service in the country, officially introduced by RTD Oct. 22 with the assistance of some Virgil Middle School student actors.

"The four Virgil Middle School students who helped us were just terrific," said Doug Anderson of Customer Relations. "They memorized a short skit Press Relations prepared for them to perform as part of the event. Many people at the school donated a lot of hours to help us, and we are grateful to them."

The phrase "Please hold for the next available operator" is not in ARTI's vocabulary. With the aid of the "Go Everywhere" book (also known as the Transit Code Directory, assembled by the Marketing Department), anyone needing public transportation information for any L.A. County bus or train system, including the Red Line or Metrolink, can now call ARTI from the comfort of their homes.

For 35 cents a minute, callers will get immediate computervoice itinerary information for travel between any two points -- usually in two minutes or less.

"ARTI truly represents a major milestone in the provision of transit schedule information to the public," said RTD Board President Marvin Holen. "As the public gets to know ARTI better, they will discover that it can be an extremely valuable, time-saving tool for those who use public transportation to get to their jobs, shopping and recreation."

This is how ARTI works:

- Caller picks up any touchtone phone and dials (900) 505-8000.
- Caller hears taped information on cost of call and initial instructions on how to use ARTI. This portion of call is not charged to caller, in case caller wishes to terminate call before computer assistance begins.
- ARTI's computer voice asks for caller to enter location codes from "Go Everywhere" book, which contains a code for virtually every intersection and landmark in Los Angeles County within walking distance of bus stops and rail stations.
- When origin code and destination code from directory are entered, ARTI responds immediately with itinerary information such as which bus or train line to take, how long the trip will take and fare amount.

ARTI is the culmination of three years of research and experimentation by the Customer Relations Department. The system is unique in its ability to repeat instructions back to the caller, allow changes of information in mid-call and process more than one request per call.

RTD General Manager Alan F. Pegg pointed out that ARTI will not alter RTD's long-established operator assisted transportation information service.

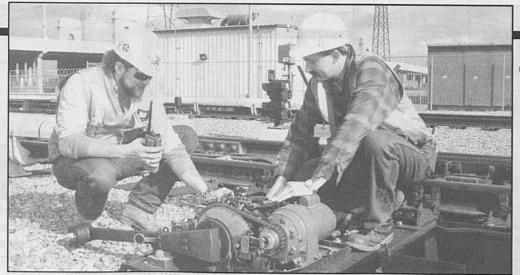
"We see ARTI as an enhancement, not a replacement, of our existing toll-free telephone information service," Pegg said. "It is a new option available to everyone who needs transit information quickly. We still will have up to 50 operators on duty from 6 a.m. to midnight seven days a week to respond to special needs and requests."

"Operators also can provide code numbers to callers who don't have the 'Go Everywhere' book yet," said Bob Williams, Assistant General Manager for Customer Relations. "However, having the directory is a much faster way to get ARTI's help. Our hope is that ARTI will help alleviate the volume of information requests we receive that sometimes results in callers having to wait for a few minutes for an available operator, or getting a busy signal."

The "Go Everywhere" book is available at all RTD Customer Service Centers for a nominal cost of \$2.50, or \$3.95 by mail.

The District also is pursuing the possibility of making the book available through private businesses and merchants.





Signal inspectors Scott Archibald and Richard Reckers inspect a switching machine, which allows the train to go from one track to another.

Red Line Boasts Five Stations, 12 Entrances, Plus Easy Interface with Buses, Light Rail

by Anthony Greno, News Bureau Representative

hen Metro Red Line subway opens to the public, access to trains will be provided by stairways, escalators and elevators at a dozen street-level entrances to five sta-

tions.

Union Station, Civic Center Station, Pershing Square Station, Metro Center Station, and Westlake/MacArthur Park Station have entrances and exits to and from passenger platforms designed for efficiency and safety as well as accessibility for the disabled.

The Red Line initially will operate from 5 a.m. to 7 p.m. seven days a week on its 4.4-mile route between Union Station and Westlake/MacArthur Park Station. The fare will be \$1.10 one

way, transfers will cost 25 cents. and RTD passes as well as Metrolink passes will be accept-

Automatic ticket-vending machines will dispense paper tickets in the stations.

which will have no turnstiles or barriers. Patrons will be on the honor system for payment of their fares

Two four-car trains will be operating on a 10-minute fre-

Continued on page 10...



Track inspectors Ramon Alatorre and Mark Germanowski inspect the track for the proper gage.



Traction power inspector Art Siemens tests for 750 volts of direct current on the rails.



Traction power inspector Louis Perez, traction power supervisor Dave Farley, and associate engineer Rob Chappell inspect the traction power braker in the substation. The electricity comes in from Southern California Edison as alternating current (AC) and is converted to 750 volts of direct current (DC).

quency, with the ride from end to end taking about seven minutes, including stops.

To aid patrons in locating Metro Red Line entrances, the following is a brief summary:

UNION STATION (2 entrances)

- North wing of waiting room, adjacent to Gates C, D at the entrance to the Amtrak passenger tunnel.
- East entrance, from site of future parking garage near Vignes and Ramirez streets.

CIVIC CENTER STATION (2 entrances)

- East side of Hill Street, midway between First and Temple streets, just north of entrance to Court of Historic American Flags.
- Southwest corner of First and Hill streets, across Hill from State Office Building. Has vertical triangular stainless-steel sign with Metro logo and "Civic Center" station designation.

PERSHING SQUARE STATION (3 entrances)

- Northwest corner of Fourth and Hill streets at foot of the hill below California Plaza.
- Northeast corner of Fourth and Hill streets, a small entrance with one stairway, one escalator.
- Southeast corner of Fifth and Hill streets, at Lindley Place. Opposite northeast corner of Pershing Square.



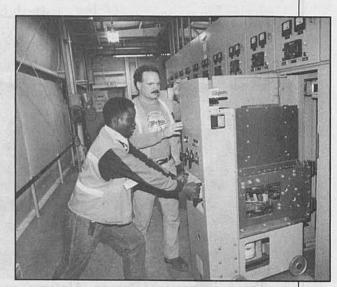
Traction power inspector Francis Mensah and associate engineer Rob Chappell inspect a traction power rectifier, which converts alternating current into direct current.

METRO CENTER STATION (Seventh Street, between Flower and Figueroa streets--3 entrances.)

- Northwest corner of Seventh and Hope streets.
- Northeast corner of Seventh and Flower streets, adjacent to Roosevelt Building.
- Northeast corner of Seventh and Figueroa streets, beneath Home Savings of America Tower

WESTLAKE/MACARTHUR PARK STATION (2 entrances)

- North entrance, behind Thrifty Drugs building at southeast corner of Wilshire Boulevard and Alvarado Street.
- South entrance, on Alvarado Street about midway between Wilshire Boulevard and Seventh Street.



Traction power inspector Enoch Adeyemo and Louis Perez put into place a high voltage AC braker.

Red Line Rolls



The signal inspection crew. Pictured from left are Tim Sneed, Robert Jefferson, Scott Archibald. Richard Reckers, Forrest Belmont, Alan Clark and Marty Maggard.



Rail Facilities Superintendent Bud Moore: "My guys are responsible for everything you see out the window of the train." Moore, who will celebrate 30 years of being in the transit business February 4, says his life is the railroad. "I would come here to make this work even if I didn't get the money" he says. The Cerritos resident and his crew also were responsible for a super Blue Line start-up. They're already hard at work on the Green Line.

Bus-Rail and Rail-Rail Interface

Public transportation patrons will find the Metro Red Line and RTD bus lines complimentary for trips in and out of downtown Los Angeles. Connections also will be convenient with Metrolink commuter rail and the Metro Blue Line between Los Angeles and Long Beach. A station-by-station summary follows: Union Station:

El Monte Busway lines 483,484, 485, 487, 488,489, 490 and 491 serve Union Station at stops on the Busway east of Alameda Street.

RTD express lines 434, 439, 443, 444, 446 and 447 serve the upper deck trackside bus terminal where Metrolink trains arrive above Union Station.

On Macy Street, on the north side of Union Station, RTD lines 55, 60, 68, 70, 71, 78/378, and 79/379 serve stops on both sides of the street.

On Alameda Street, RTD lines 40, 42 and 320 serve stops in front of Union Station.

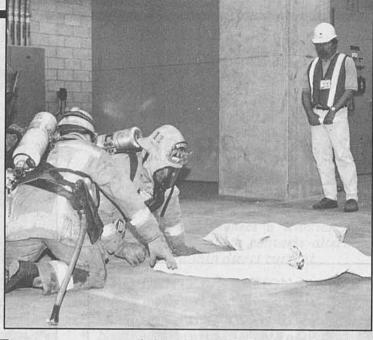
Civic Center Station:

Bus lines serving the east-west thoroughfares of Temple and First streets are nearby. Hill Street, with one-way traffic southbound, is served by several RTD bus lines. More importantly the north-south thoroughfare of Broadway, the second most intensive bus corridor in Los Angeles, is one block east of the two Civic Center Station entrances and exits on Hill Street.

Pershing Square Station:

All three entrances-exits are on or near Hill Street which is served one-way southbound by several RTD bus lines. Numerous RTD lines serve nearby Fifth Street westbound. The north-south Broadway bus corridor is one block to the east, offering numerous RTD bus lines.

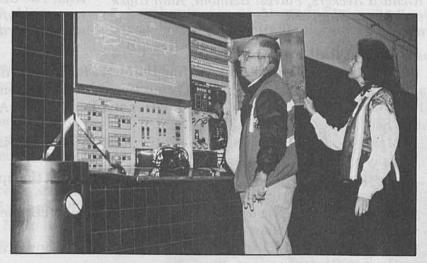
EARTHQUAKE DRILL ON THE RED LINE



Emergency personnel from around Los Angeles joined with RTD Red Line officials Sunday morning, Oct. 25, to enact an earthquake emergency scenerio. In the first photo, Art Leahy, assistant general manager, Operations (right), observes as fully-equipped firefighters attend to an "injured" person (actually a dummy) at the Westlake/MacArthur Park Station where the drill took place.



Dave Farley, Rail Traction Power Supervisor for the Red Line, inspects the power substation on the mezzanine level of the Westlake/MacArthur Park Station.



Sharon Papa, chief of Transit Police, looks over the shoulder of Jim Lannon, system coordinator for Parsons-Dillingham, as he checks readings on the Emergency Management Panel (EMP) on the mezzanine level of the station. The EMP is an emergency worker's best friend in a time of crisis. The screen warns of a number of problems including obstacles on the track, fires and dangerous gas. There is a telephone for contacting central control and buttons for controlling ventilation fans.

(Right) Ray Schuck, RTD engineering associate, checks the status of safety alarms on the Red Line. The Teletrac-Cable Transmission System, (CTS), supported by the banks of equipment pictured above Schuck, is a fiber optic communications network that constantly monitors critical points of the subway's safety systems.

(Below) Karen Ware and Alexander Soto, RTD safety observers, stand security watch at CCF. If a problem develops, observers can provide assistance by alerting security patrols.



RTD's Central Control Facility, Maintenance Yard Serve as Dual Red Line Nerve Centers

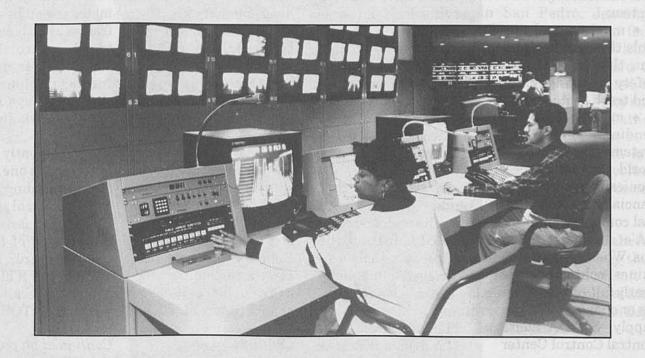
Metro Red Line workers call them "U.S.S. Enterprise" and "Division 20."

Officially, they are known as the Central Control Facility and Maintenance Yard and Shop. Together, they are the lifeblood of the new Metro Red Line subway system now running beneath downtown Los Angeles. One visit to the second floor of RTD's Central Control Facility on Imperial Highway near Watts makes it immediately clear why Red Line dispatchers dubbed the operation "U.S.S. Enterprise." The colorful, state-of-theart control panels and image screens are strikingly reminiscent of the "Star Trek" crew's

spaceship.

However, instead of pursuing assorted aliens across the galaxy, the Central Control Facility keeps track of trains. Built in 1990 to accommodate the opening of the Blue Line, the CCF is designed to eventually

Continued on page 14 . . .



CCF

... continued from page 13

serve the entire 150-mile rail transit system.

The CCF's main brain is a high-tech computer known as the Supervisory Control and Data Acquisition (SCADA) system. It is linked to control boxes located along the rail lines through an intricate network of fiber optics.

In addition to pinpointing the exact location of all trains at all times, SCADA:

- monitors and controls 25 power substations along the Blue and Red lines. Substations are structures where strong currents of electricity are converted to the type of power need to run the rail cars;
- monitors and controls the Blue Line's overhead electrical wire system;
- monitors and controls the signaling system that operates the safety crossing gates and track switches;
- monitors ticket vending machines. The system is the first in the world capable of electronically reporting financial data to a central computer via SCA-DA's computer hookups. When vending machines' coin vaults are nearly full, or when tickets or change are in low supply, SCADA alerts Central Control Center

personnel of the location of the machine that needs servicing. Also, any attempted break-in to a vending machine is immediately reported via computer.

SCADA also reports a variety of safety and security problems. A variety of alarms that warn of fire and other problems aboard a train are continuously monitored at CCF.

The Central Control Facility is home to about 120 employees, including the Transit Services Bureau of the Los Angeles County Sheriff's Department which provides security for the Blue Line.

Alhough the Red Line trains will be monitored from Watts, their home base is on Santa Fe Avenue in downtown Los Angeles. RTD's Maintenance Yard and Shop -- also known as Division 20 by the Red Line train operators who report to work there -- features a 160,000 square-foot maintenance building that can handle up to 40 train cars.

A 500-foot-long pit allows RTD maintenance personnel to perform routine service and inspection on up to six trains at once. If major repairs are needed, the facility is equipped with heavy equipment that permits removal of large vehicle parts such as motor assemblies, axles, frames, wheels and electrical control boxes. There also is a wheel turning machine at the site to reshape wheels through a grinding pro-

Prominently standing guard on one corner of the building is the Yard Control tower. This room boasts a 180-degree view of the entire rail yard, and is staffed by RTD Rail Transit Operation Supevisors (RTOS). The

Continued on page 33

What If?

If a Red Line car ever arrived at a station with brakes smoking or motor afire, there's a deluge waiting for it.

The Deluge System, as it's called in RTD jargon, is a set of sprinklers on a red pipe between the two rails of each track in each of the five Red Line passenger stations.

"We think of it as an upside-down sprinkler system," said Robert K.
"Bob" Landers, RTD facilities maintenance supervisor for rail operations. "It operates similar to a water system in buildings, except that the sprinkler sprays upward."

The spray, of course, is directed toward the undercarriage of the subway train.

In the event that smoke or fire issues from the undercarriage of a Red Line train, the Deluge System has to be triggered manually before it goes into action.

Landers explained: "A deluge switch at



Bob Landers

the far end of the passenger platform has to be pushed by a maintenance person. First, it turns off power to the 'third rail' or the overhead catenary, in the case of the Blue Line light rail at the Seventh and Flower Station.

"Once the power is off, the switch turns on a valve within 30 seconds or less. A dry stand pipe fills with water, and the sprinklers begin to spray underneath the train."

Landers characterizes the purpose of the Deluge System as "an early means of putting a fire out before it has a chance to spread. When

Continued on page 31

Fare Debit Cards to Debut on Selected RTD Lines

The RTD will test fare debit cards used by patrons for fare payment on selected lines operating out of Division 16 in March or April. The demonstration project is sponsored by the Los Angeles County Transportation Commission. Other participants are Culver City Municipal Bus Lines and Foothill Transit.

A fare debit card is similar to an automatic teller machine card. carrying a magnetic strip. It can be issued for a set amount, and when used, a reader aboard a bus reduces the amount outstanding on the card. When the amount on the card reaches \$10 or less, the debit card reader automatically prints out the amount remaining on the debit card.

The fare debit cards and debit card readers are being tested to determine if the devices could eliminate the use of cash in payment of fares on public transportation. A fare debit card also could become interchangeable on several transit systems.

around Los

Angeles

County on

Jan. 1. There

were also two

special ex-

press lines go-

ing directly

from the San

Fernando

Valley and

downtown

Los Angeles to

the parade

Smelling the Roses



and game.

us Operator Hernan Navarrete poses with 1993 Tournament of Roses Queen Leana Yamasaki in front of one of hundreds of RTD buses that transported the public to and from the Rose Bowl parade and football game on New Year's Day.

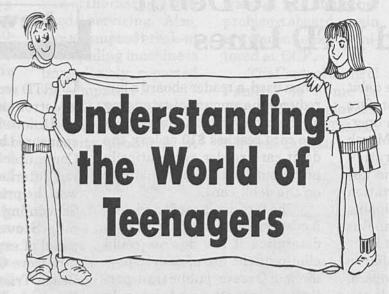
The District operated 12 regular lines to Pasadena from points

NewsNotes

RTD recently participated at a Metrolink/Red Line workshop at Union Station, which was sponsored by the Association for Commuter Transportation. Bus/ rail interface at Union Station was the prime topic. Director of Scheduling and Operations Planning Steve Parry chaired the panel of experts. Accompanying him were Gary Heston of Long Beach Transit, Steve Connell of Riverside Transit and Tod Terpening from Orange County Transit Authority. Other RTD staff included Linda Casey, Armineh Saint, Vicky Castro, and Ed Langer from the District's Corporate Transit Partnership Program.

Transit Police Officer Mark Jennings of San Pedro was recently named a Big Brother to Little Brother Raymond, who also lives in San Pedro. Jennings spends between three and four hours a week with his "little brother" and looks forward to doing it. He says he wanted to contribute to his community and give something back. The Catholic Big Brothers program is a United Way agency, which has been serving children and volunteers of all religious backgrounds since 1926.

☐ CMF Shop Steward Gabriel Martinez writes Headway that Dave Ondas, son of Mechanic A Paul Ondas, recently placed fifth in the recent running of the Baja 1000 motorcycle races.



Parents of a teen may well wonder what happened to the child they lovingly nurtured for a dozen years. Suddenly, every reply is sassy, every look belligerent. What parents may not understand is that children go through distinct phases during adolescence. Their goal is to establish identities separate from those of their parents and other family members. Power struggles are inherent in this process but, with awareness and understanding, adults can temper their responses and reactions. Outlined below are three typical stages of adolescence with accompanying clues to behavior patterns and suggestions for parents on how to cope.

Age	Typical Behavior Patterns	Suggestions for Parents Try not to be overly judgmental. Allow him space and freedom to explore his independence. Remember that exhibiting independence doesn't mean he loves you less; try not to feel threatened. When all else fails, try to remember your adolescence!		
11-13	 He develops a capacity for thinking independently of his parents. Mood swings are common. Peers begin to define his values, goals, rules, and expectations. He spends a lot of time, often alone, trying to figure out who he is. He may appear to be unaware of other people's needs. 			
14-17	 Peer groups replace the family as the most important people in the teen's life. The teen may become somewhat self-centered. Friends' influence over the teen's dress, hairstyle, language and mannerisms increases. Questioning and testing the family's values and household rules is common. The teen still needs guidance and support from the parents, but may have difficulty asking. 	 Create opportunities for conversation with your child—don't wait passively for discussion to occur. If your child resists talking to you or is not immediately cooperative—remain available. Choose your battles. Even if you don't particularly like your teen's actions, consider whether they are physically or emotionally harmful to your child or others before putting your foot down. 		
18-20	 The teen possesses and exhibits a growing awareness of other's feelings. Society values are questioned. The teen takes action independently of parents. The teen often becomes secure enough to once again ask parents for help and guidance. 	Let your child go, but acknowledge the sense of loss you may feel. Realize that your role as a parent has not ended, but the time has come for responsibility to be transferred to your child. Provide help and guidance, but resist the temptation to try to control your child.		



Thank You for a Job Well Done!

Division 3208 Kimberly Bryant Mary Delgado

Division 3209 Luis Zamudio Ruben Ortega

Division 3210 Charles Bettis Harry Schouten (2) Albert Troy

Division 3212 Frederick Propst

Division 3218 Bertrand Ball Catherine Silva

Dear RTD:

On behalf of the children at Saint Vibiana's Headstart Pre-school program and their families, I would like to extend our most grateful thanks for the wonderful Christmas luncheon you sponsored on Dec. 9. We are especially grateful for the efforts of Marc Weissman and the other officers of the RTD Transit Police Department. As you know, these families live in the poorest of conditions and have trouble getting by on a daily basis.

What a treat for them to be served a hot meal, enjoy Christmas carols and see Santa Claus! The gift bags were a terrific ending to such a sumptuous lunch. The canvas totebags were a creative touch, making transportation of the

Special Kudos

(The following letter was sent to Ted Brewin, Division 12 maintenance manager.)

Dear RTD:

It is with pleasure that I write you this

I would like to graciously compliment the actions of one of your maintenance employees in Long Beach: Lito Sison.

Last week, around dinnertime, we received an unexpected phone call from Lito. He had been cleaning the buses (which my wife rides daily) and discovered a number of her credit cards in a plastic case on the floor of the bus.

Lito immediately telephoned us and reported what he had found. He could have thrown the cards away--orforthat matter, used them. But he took the time to phone us and we drove down to pick them

But perhaps most impressive of all were his actions AFTER we had retrieved the plastic card holder. We twice tried to reward Lito with money, but he adamantly refused to accept any. I think it only embar-

rassed him, because in his own mind, he was just doing his job. Lord knows, more people should feel this way about their jobs.

Mr. Brewin, my wife Evelyne and I both believe that the world needs more people like Lito Sison. He should be viewed as a treasure at RTD. Since my wife and I both commute daily (she via RTD buses and myself via the Blue Line), we recognize unusual work among RTD employees. And this, we believe, was outstanding. What's more. this is the kind of action that convinces us to continue commuting via RTD -- even though it isn't always so convenient.

I don't know if you have an "Employee of the Month" program, or any special reward or recognition program there, but if you do, I most strongly recommend Lito Sison. He is an angel.

Thank you very much.

Bruce Horovitz Marketing Columnist, Los Angeles Times

P.S. Please give our best regards to Lito!

food and gifts easier handling for parents with a brood of children.

May this holiday season bring you many blessings as you have blessed these families.

Happy Holidays. Rev. Monsignor Terry Fleming

Rector and Pastor. St. Vibiana's Cathedral

Former RTD **Board Member Krauch Dies**

Herbert Krauch, a former RTD Board member and past editor of the Los Angeles Herald Examiner passed away on Jan. 11, 1992 at his home in Riverside County. He was 96 years old.

His son, Robert, said his father began his career as a \$4-a-week office boy at the Herald. stayed more than 50 years and became editor in 1952. By 1962, the newspaper had the nation's highest afternoon ciculation.

Krauch's son said getting "Caltrans to build freeway center dividers that have saved hundreds of lives" was among his father's editorial greatest achievements.

After his retirement in 1963, Krauch taught journalism at UCLA. then served on the board of directors of the RTD from 1965 to 1973.

SCHEDULE CHANGES -

Crowell, Lanette, from Schedule Maker I to Schedule Maker II.

Darby, Eric E., from Mechanic "C" to Mechanic "B".

Delgadillo, Veronica I., from Bus Operator (P/T) to Bus Operator (F/T).

Dewaal, Karl F., from Train Operator (F/T) to Transit Operations Supervisor.

Flores, Rick C., from Bus Operator (P/T) to Bus Operator (F/T).

Glasgow, Willard M., from Truck Driver/ Clerk to Stock Clerk.

Gomez, David A., from Transit Police Officer (Trn) to Transit Police Officer.

Hardway, Cathy L., from Bus Operator (P/T) to Bus Operator (F/T).

Hernandez, Jose L., from Bus Operator (P/T) to Bus Operator (F/T).

Jimenez, Armando R., from Bus Operator (F/T) to Transit Operations Supervisor.

Jimenez, George T., from Bus Operator (P/T) to Bus Operator (F/T).

Kraft, Kenneth J., from Mechanic "B" to Mechanic "A".

Maynez, Ramiro, from Bus Operator (P/T) to Bus Operator (F/T).

Navarro, Arnold D., from Transit Police Officer (Trn) to Transit Police Officer.

Olumba, Oliver O., from Bus Operator (F/T) to Transit Operations Supervisor.

Petterez, Edward R., from Transit Police Officer (Trn) to Transit Police Officer.

Reed, Edward E., from Transit Police Officer (Trn) to Transit Police Officer.

Roberson, Barbara

D., from Bus Operator (P/T) to Bus Operator (F/T).

Saw, Kyin H., from Mechanic "B" to Mechanic "A".

Sawires, Shaker M., from Construction Claims & Special Project Officer to AGM - Facilities & Procurement.

Serrano, Efrain, from Bus Operator (P/T) to Bus Operator (F/T).

Singh, Mandeep, from Bus Operator (P/T) to Bus Operator (F/T).

Tamez, Abel, from Mechanic "B" to Mechanic "A".

Tran, Thang Q., from Schedule Maker I to Schedule Maker II.

Vega, Hector, from Bus Operator (P/T) to Bus Operator (F/T).

Victoria, Cynthia Y., from Planning Assistant to Transit Operations Supervisor.

York, Edward V., from Bus Operator (P/T) to Bus Operator (F/T).



Bagsby, Nelson E., began with the District on September 22, 1975 and retired as a Bus Operator Full Time on July 14, 1992.

Everett, Richard D., began with the District on October 25, 1969 and retired as a Bus Operator Full Time on November 30, 1992.

Lakey, Frances L., began with the District on June 05, 1978 and retired as a Bus Operator Full Time on August 31, 1992.

Lane, Robert L., began with the District on December 07, 1992 and retired as a Service Attendant on November 21, 1992.

Thompson, Jimmie B., began with the District on September 13, 1969 and retired as a Bus Operator Full Time on November 30, 1992.

In Memoriam

Alcantra, Joe, began with the District on June 19, 1946, retired as a Mechanic and passed away on July 12, 1992.

Biedes, Dorothy, began with the District on September 06, 1955, retired as a Data Entry Operator and passed away on October 19, 1992.

Botkin, Henry W., began with the District on November 21, 1944, retired as a Bus Operator and passed away on October 12, 1992.

Burns, John W., began with the District on March 08, 1969, retired as a Bus Operator Full Time and passed away on November 03, 1992.

Debaun, Charles S., began with the District on May 12, 1923, retired as a Store Clerk and passed away on September 29, 1992.

Erhardt, George M., began with the District on September 03, 1941, retired as a Assistant Manager and passed away on September 22, 1992.

Fite, Marvin, began with the District on March 18, 1976, retired

as a Bus Operator Full Time and passed away on September 16, 1992.

Jernigan, Dorothy E., began with the District on August 21, 1975, retired as a Information Clerk and passed away on November 01, 1992.

Lamb, Raymond F., began with the District on March 08, 1946, retired as a Bus Operator and passed away on October 03, 1992.

Lees, Earl L., began with the District on February 29, 1956, retired as a Bus Operator and passed away on August 12, 1992.

Lepage, Paul J., began with the District on January 12, 1954, retired as a Bus Operator and passed away on October 12, 1992.

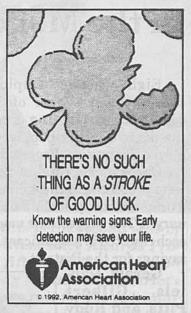
Mclemore, Thomas L., began with the District on March 30, 1959, retired as an Assistant Division Transportation Manager and passed away on September 26, 1992.

Mouton, James A., began with the District on September 26, 1945, retired as a Mechanic and passed away on September 29, 1992.

Schulz, Clarence A., began with the District on March 16, 1937, retired as a Division Manager and passed away on October 06, 1992.

Steinert, Kenneth C., began with the District on July 01, 1947, retired as a Bus Operator and passed away on November 07, 1992.

Weaver, Clyde D., began with the District on March 31, 1980, retired as a Mechanic "A" and passed away on September 23, 1992.







Born to Division 3 Mechanic A Roy Dixon and his wife Roberta, a son, Arthur Randolph Dixon on August 24, 1992 in Montebello at 5:34 a.m. Arthur weighed in at 8 lbs., 14 oz., and was 21 1/2 inches long. Writes Dixon, "This is our first child. We are so proud and so happy. He is a special baby! "



Division 9 Operator Ben Welsh is proud to report the birth of a daughter, Jessica Nicole, on December 22, 1992. The little one weighed in at 7 lbs. 3 oz. and was 21 1/2 inches long. Baby Jessica was born at Redlands Hospital.

In the Money

Eight District employees started the new year off with some extra spending money, thanks to the ever-popular Employee Suggestion Program.

Checks for a total of \$4,000 were presented to the winners in a brief ceremony at CMF on January 7. The suggestions made by each resulted in a significant costsavings for the District.

Gerald Dan-Gilbert iels, Pitts, and Rudy Lopez will split \$1,000 for designing a tie rode/drag link joint removal took which has proved highly effective in reducing



Mechanic Gerald Daniels

the time required to remove a tie rod or drag link joint as well as increasing the safety of the procedure. The tool is used on all buses and represents an annual cost savings of \$14,500.

Frank Humberstone was credited with replacing the 110type Neoplan transmission heat

exchanger with an RTS/TMC transmission heat exchanger. The two units are compatible in function and heat transfer capacities but the RTD/TMC unit is ervisor Frank \$150 less expen- Humberstone sive than the Neo-



Equip. Maintenance Sup-

plan, and it can be disassembled and repaired or rebuilt, which the Neoplan can not. His suggestion represents an annual costsavings of \$38,648.

Mechanics

Salvador

Perez, Jose Luis Aispuro, and Jose Luis Sauceda designed, developed, and implemented a

tool to install the front suspension on the Neoplan buses. The previous procedure required two or three mechanics to lift the unit by hand Mechanic A in order to set it up to install the bolts. In the words of the



Jose Luis Aispuro

evaluator, "This extremely effective took has produced a far su-

perior and safer method than the manual method." The trio's suggestion represents an annual cost savings of \$20,200.

richer after he sug-



Antonio Ber- Electronics nardino is \$1,000 comm. tech. Antonio Ber-

gested placing diodes on the farebox circuit boards in order to correct a manufacturing design flaw which was causing repeated failures on the fareboxes during normal operations. This idea has been implemented and represents an estimated annual cost savings of \$73,400.

If you would like to submit a a suggestion, please call Nina Capoccia in Human Resources at 7172. You may be a winner!



Mechanic Aleadman Rudy Lopez



Mechanic A Luis Saucedo



Mechanic A Salvador Perez



Mechanic Gilbert Pitts



What is the secret to perfect attendance? "Waking up every morning--that's a start," says Albert Sampson, mechanic A leadman.

"I'min good health," says 18 year RTD veteran Gunter Kirstenefad (at right). "I love my job. And I've never been late. Maybe it's just luck." Kirstenefad is a mechanic A leadman.



As many of you know, this is the second year of the District's Perfect Attendance Awards Program. Seven hundred fifteen RTD employees-220 more than last year -- made the District's perfect attendance honor roll for the calendar year 1992. The following employees will each receive an engraved plaque saluting their dedication to District service:

RTD Salutes Perfect Attendance Achievers



"I like to come to work -- if I stay at home, it's so boring," says Midlife Mechanic David Chan, who has worked at the District for nearly 11 years.



The secret to having perfect attendance is having perfect health and loving RTD, according to Frank Kemp. The mechanic leadman has had perfect attendance for 18 years.

1100 Alan F. Pegg

1400 Gregory C. Davy

1600

Louis I. Burns
Lola J. Gagner
Kong-Siong Liao
Thomas E. Longsden
Carrie V. Morris
D. J. Patterson
Patricia L. Potter
Frank S. Sahlem
Sandra L. Woods

1700

Dennis J. Newjahr Donald E. Ott

1800

Ayman S. Abdelrahman Nora J. Burnett Albert E. Calibet Norma V. Campbell Jerry Chaney Robert S. Cook Samuel M. Dacus

Carlos F. Diaz Ronald D. Eutsey Mark D. Gordon Christopher J. Griego James A. Grimes Jack A. Herman Frank A. Higuera Mark S. Jennings Raymond Jones Stanley Keith Richard E. Lewis Jon A. Mays Larry Mazur Timothy J. Murphy Sharon K. Papa Scott R. Pawlicki James N. Pochick Rodolfo E. Ragudo John W. Rice Rogelio Romero Floyd D. Shaw Birthella Tidwell Gary A. Twiford Herbert Vaughan Lamark A. Williams James T. Willis Harold R. Wilson Richard B. Zimmerman Continued on page 22

2200

Suzanne B. Gifford Benjamin J. Sterling

2300

Malika M. Chawdhry William W. Frazier Marva J. Phillips

3099

Daniel G. Miller Ira Trachter Kenneth C. Walker

3201

Linda E. Lipovsky-Mc-Cowen Randolph P. Montes Grant K. Myers Daniel M. Ruiz Angel Valenzuela-Martinez

3202

Benny R. Iverson

3203

Roman Alarco Christopher Coleman Alfred J. Cote Lawless Gibson Patricia Ann Gray

3205

Joseph P. Brown Eddie Dancy Tyrone M. Fordham Diane A. Frazier L. C. Galloway Jorge A. Galvan Joanne K. Harper Willie J. Holcombe Warren C. Scoggins Barbara A. Shepherd Roy L. Starks Paul A. Thompson

3206

John I. Adams Dana M. Coffey Frank E. Cole

Welton D. Merriweath-Stanley W. Pearson Warren G. Peterson

3207

Joel Aceves David Alleyne Paul M. Alleyne Charles Bledsoe Arnulfo F. Cania David Collins Ana P. Diaz Ben G. Flores

Daniel J. Hobdy John D. Jackson Paul E. Lajoie Martin G. Lensch James E. Lukens Melvin R. Manning Walter E. Maye Jeannette E. Mayo Frederick S. McRev-Theodore M. Neil Hau P. Nguyen Stephen A. Rank Hector L. Santiago

3218

Robert G. Alexander Frank J. Archuletta Douglas R. Cale Richard Christie Leon Daglian Donald S. Delay W. K. Holsberry Purvis Johnson Curley J. Little Michael Squalls Juanita L. Wright Durwood A. Yee

3260

Frank Alejandro Johnnie D. Byrd Henry Castanedo Scott D. Duncan Arnold T. Gainey Ignacio C. Gonzales Thurmon A. Green Gerald L. Harper Barbara J. Harris Richard C. Richards Richard L. Smith Henry G. Taruc

3280

Renaldo R. Adams Jose R. Araneta Thomas A. Brissey Natividad R. Castillo Daniel P. Creal Oscar De Los Santos Paul R. Feickert Richard E. Flores Juanita T. Galbreath Jesus R. Guajardo Douglas Jackson Thomas G. Jasmin Robert F. Johnson Rodney R. Johnson Linda M. Leone Duane H. Martin Dennis L. Villard Ronald A. Whitney Everett C. Wooden

3296 Linda G. Gauss

Is an Apple a Day the Secret!

Reginald V. Foster Alice V. Gates Juan J. Huezo Scott G. Lee Daniel A. Magana Derick Mahome Sergio A. Montalvo Manuel J. Morales Glen F. Rey Ronald W. Valdes

3208

Antenor Dominguez Daniel P. Frawley Newitt E. Lawson Richard M. Summers

3209

Armando J. Alvarez Lee A. Dorsett. Kenneth M. Jones Robert E. Lisenby Albert Rodriguez

3210

Luis F. Alcantar Donald R. Baumga Armando C. Caceres Jerronimo P. Flores Donna T. Higgins Eddie W. Hill

3212

Kenneth S. Fales Patsy L. Goens Grace Louise Golden John C. Kells James F. Lapatka Larry S. Wasserman

3215

Manuel C. Abordo Carl B. Benvo Darlene Blake Nicholas Buncick Vachik Ebrahimian Salvador Flores Michael B. Harris Tommy L. Haynes Michael D. Johnson Cristobal A. Medina John W. Neal Willem F. Siedenburg David Swinton William A. Warren

3216

Lawrence C. Gibson Samuel Myers J. L. Rucker Lloyd M. Sharrow Edward E. Townsend Elias Goldblatt
John J. Hale
Charles R. Jenkins
Johnnie L. Johnson
Harvey R. Mendoza
Marjorie E. Moore
Sandra A. Noflin
Reginald F. Simon
Leon Stevenson
Thomas F. Swann
Theodore N. Truslow
Michael R. Turk
David E. Woods

3297

Michael E. Beals Harvey V. Brown Antonio A. Cabrera Fred A. Fluker Beverly J. Jones Jose R. Serrano James L. Smith Ozell Smith Hector G. Velasco

3299

John M. Achramowicz Jesse J. Diaz William O. Griffin Linda C. Reed Jim Sadro

3301

Aldo Q. Arca
Carl E. Berringer
Manuel Bracamontes
To Chau
James R. Davis
Javier S. Enriquez
Mack Evans
Willie J. Mack
Rachel B. Malone
Leifus Mayfield
Michael J. Payne
Harry A. Pitford
Antonio D. Quintanilla
Jose Manuel Santana
Jesse E. Vicencio

3302 David A. Biehn



CMF secretary Annette Goodlette-Owens scored perfect attendance last year.

Jorge Antonio Coromac Dieter K. Hemsing Herbert L. Lewis Gisleno F. Matias James A. McKinney Steve L. Mendoza Jesus Moreno Hsiao-Man Sun Quang V. Wong

3303

David L. Chamness Ovidio Diaz Gary D. Eller Lorenz G. Legazpi Rene C. Martinez Van Q. Nguyen Jose H. Salamanca Hoang S. Tran Bock N. Wong

3304

Daniel P. Campos Robert C. Considine Hy Q. Do Rafael Garcia Howard Luong Freeman W. Owens James A. Ray Michael J. Singer Mildred I. Stewart Paul Sum Tri-Chanh Tran

3305

Di K Au-Duong Money C. Brown Granvel Childs Alfonso P. De Alba



Mike Bennett, a mechanic A, says he achieved perfect attendance because he "had lots of bills to pay."

Rosetta B. Drake Joe W. Finney John H. Gillen Freddie Hardemion Steve Hearn Myron F. Hittinger Anthony Jackson James Manuel Le Vernon H. Moore

David Nguyen
Marion N. Ray
Gustavo A. Sabala
Armando Tapia
Anthony R. Travers
Ernest Waters
Jimmy H. Watson
Joseph White
Arthur Winston



The reason is simple for Arturo Conoza in the Sheet Metal Shop: "I love working."

3306

Roland D. Glass Vernon E. Jackson James L. Owings Raymond Phung Joe N. Williams

3307

Thomas M. Blatz Curtis M. Clark David R. Daniels Etta D. Du Bose Antonio Esposito Antonio A. Galang Julio R. Gonzalez Gene F. Hardemion Terry S. Kamakura Carlos R. Leohr Ted R. Lovo Alex Mendez Si T. Nguyen Gwendolyn M. Noyles Peter Ostry Renato P. Subillaga Manuel B. Tadena Alberto E. Terriquez Thomas C. Walter Albert Chee-Chew Yee

3308

Ike A. Alison
Lam V. Duong
Carolyn A. Ewings
Henry C. Herpers
Van K. Ly
Michael J. Montgomery
Art R. Morrell
Alvis T. Nonaka
Jerry D. Potter
John W. Roberts
Carl W. Seehoffer
Leticia O. Velazquez
Mikolaj B. Wasniewski

3309

Dennis R. Alarcon Carmen P. Boctor Manuel S. Chavez Louis M. Cruz Alfredo G. Cunanan Enrique P. Diaz

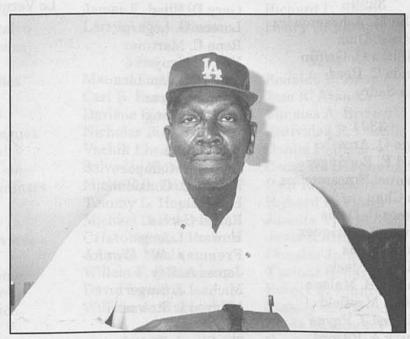


Frank Estrada, a mechanic A leadman, says that he came to work every day last year because he is dedicated to helping others at the District.

The Perfect Attendance Honor Roll



Don Smith, equipment maintenance supervisor, attributes his perfect attendance record to job satisfaction and being around people who are good to work with.



Anthony Owens, a mechanic A, says that once you get up every morning, the rest is easy. "I haven't been sick, and that's a miracle," says Owens, who racked up perfect attendance last year.

Donald R. Durfee Teodoro U. Garcia Nga Garrisi Jesus M. Gonzalez Francisco Guzman Andreas M. Jones John A. Jordan Edward Leib J. Melendez Siu K Ng Demetrius F. Orleans Jorge D. Perez Jose L. Preciado Pedro F. Ramirez Yezid Rubio Michael S. Staley Leonel B. Velarde Bach N. Vu

3310
Peter Chan
Philip Chan
Victor K. Chan
Walter G. Cohen
Scott Giang
Jose E. Gonzalez
Michael J. Junyk
Wayne E. Miller
Howard Perkins
Robert D. Ross

3312
Tedd Brewin
Abe Esmailzadeh
Jon N. Harting
Juan M. Hernandez
John A. Sweet
Charles V. Walters

John C. Adams
James A. Badgett
William E. Belmonte
Donald W. Bishelli
Manuel R. Cendejas
Rufus L. Cooper
John R. Erickson
James E. Jennik
Ralph B. Lyon
Ellis R. McDaniel
James A. Menagh

Ignacio S. Montes Romulo B. Paulino Donald E. Regis Fabio H. Restrepo Salvador Roccella James P. Rogers Ildefonso E. Sosa Jesus R. Valverde Harold D. Varing Mark A. Vester

3316
Benjamin Aguilar
David E. Bricker
Louis F. Delacruz
George N. Nix
Joseph P. Rubin

3318 Jorge A. Araujo Darryl C. Cheaves Steve Clay Orlando F. Dotta Eduardo Gonzalez Roy G. Guzman Robert L. Hillard Georges E. Jarjoura Raymond L. Kunkle Richard D. Lalla Vernell A. Lewis Patricia G. Loftus Wayne Luu Thiep V. Mai Juan R. Marquez Lisandro Martinez L. G. Morris Robert M. Parreco Henry C. Prater Napoleon Rambo Anatry J. Sanathara Adam Sanchez Pat D. Shin Arthur M. Tadiaman Wesley F. Tyvog Horace A. Wooten

3330 Manuel Avalos Michael G. Bennett Paul Camacho

James A. Zevely

David Chan Velta A. Cheaves-Sim-Arturo S. Conoza George Dozal Jose E. Estrada Carlos Favela Thomas F. Ferrero Ralph G. Fletcher Roger J. Flynn Arthur H. Garcia Annette Goodlett-Owens Thomas L. Hummel Takeo Ige Frank D. Kemp William Lee Gaston F. Lopez Hermilo R. Madera Javier N. Magdaleno David R. Meemken Ismael M. Navarro Paul P. Ondas Anthony M. Owens Julio C. Perez Rodolfo Pineda Robert A. Puente Iver J. Rivenes Antonio Rodriguez Manuel S. Rodriguez Rodolfo B. Rojas A. R. Sampson Jaime Serratos Tom Sintoplertchaiyakl Donald L. Smith Wesley M. Tomikoshi Daniel Urquidi Wing S. Wong Thomas Yee Quinn Yeh George N. Young Hee S. Yun

Mariano P. Castillejo

3360 Gary-Vance Dewater James R. Jensen Roger L. Klinkenborg Arnold G. Nacar Phiet T. Pham 3380
John H. Barocca
Alvin R. Bell
Paul J. Berkley
William G. Crocker
Rickey L. Lance
Robert C. Ogus
Eric E. Petersen
Brian E. Rydell

3399 Hortencia Alba Gary L. Albertson Lloyd E. Arnold Richard W. Au Esther G. Cabison A. P. Chavira Don Arredondo Flores Barbara A. Garnes Joseph L. Grabowski Henry W. Haynes Theodore C. Hustava Jeffrey R. Johnson George Karbowski Kenneth E. Miller John P. Mirabal William A. Morris Richard J. Morton Ted H. Nguyen Michael A. Olivas Vincent D. Pellegrin Harvey Porter Julius C. Rakisits Gary R. Schachel George A. Soto Fred R. Vincelet.

3900
Larry E. Adrian
Roberto Arrivillaga
Michael A. Brewer
David Brooks
Arthur L. Brown
Martha K. Butler
Richard G. Callahan
Faith Crudup
Darrance A. Curry
Charles L. Egardo
Eugene D. Gillis

Continued on page 26

Alberto M. Gomez Mark R. Haddon Robert L. Jackson Richard L. Jones Michael R. Laichareon-Terrance McCormick Lawrence W. Morris Dan L. Nguyen Gary S. Okun Woodrow Payne Frank E. Schroder Leonard Snyder Cynthia A. Toles Hattie J. Williams A. H. Wilson Randolph Young

4099 Edward J. Langer

4100 Ray D. Harris Diane Ponce Phyllis L. Tucker

4200
John Bollinger
Paul J. Burke
Karen Z. Heit
David R. McCullough
Joel Woodhull

4400 Michael K. Barnes Harry B. Goldsborough

4900 Harold E. Storey

5099 Marianne Hankins Louis R. Rainey

5500 Roger Smith

7099 Thomas A. Rubin Brenda J. Spencer-Bozeman

7100

Elizabeth G. Baldemor Alan W. Chow Jose Chu Ricardo G. Hilario Tito A. Noval Alejandro C. Perez David D. Wakeling Cornell Washington

Young Z. Chang
Edward T. Chen
Theresa E. Chiu
Martin C. Conway
Huan Q. Ha
Robert J. Makuh
Brent R. Mayfield
Gerard J. Orban
Nemat O. Rabizadeh
Romulo S. Reves

Vazgen B. Vartanian Jimmy Y. Wang Paul J. Wilkinson Rita P. Winston

7500

Walter Woods

Jeannette M. Bell
Howard A. Chokan
Angelina J. Farias
Kathi S. Harper
Gwendolyn P. Keene
Forrest A. Miller
Edward J. Myatt
Edward G. Paull
Leila S. Procopio
Carmen C. Sison
Luanna M. Urie
Elvira H. Valdez-Broida

7900

William J. Beana
Fg Wyman Jones
Kevin D. Lappi
Nancy F. Lawrence
Valerie E. Robertson
Denis B. Shoemaker
Jon R. Vandercook

9200

Prem C. Duggirala Lewis G. Moore Ajith Peiris Moni M. Rubisa Paras N. Sharma

9400

Frank R. Coman
Winnifred L. Davis
Clincy L. Harris
Frank R. Holland
Kitty D. Jones
Lawrence B. Kelly
Henry H. Koerv
Brian R. McGeever
Alphonso Mitchell
Diana M. Parra
Oscar J. Rodriguez
Robert T. Vasquez
Constance L. Williams
Karl J. Zehnder

9610

Jose L. Arteaga Arthur L. Brass Salvador M. Chavez Joseph E. Coleman Ed Edwards Martin A. Figueroa Aurelio S. Guerrero Robert T. Ketring Fannie M. Landry Robert Larob Norma L. Martinez Richard Martinez Edwin Oliveras Juan E. Palmero Harold J. Reese Thomas S. Rodriguez Brian A. Soto Mot S. Tang Vincent Trieu James B. Wells Billy E. Willis

9620

Nathaniel W. Campbell Marvin E. Frederick Philip T. Godwin Billy A. Haire Ferdinand Her
Ralph N. McAdams
Russell A. Meek
Arthur A. Pappas
David A. Ratcliff
Joseph Salazar
Primo M. Sumagaysay
Edgardo O. Turienzo

9630

Norimasa Akiike Johnnie Anderson Kriengsak Bamrungcheep Kenneth M. Buehner Louis R. Campos David E. Combs Dorothy E. Crawford Ray V. Crook Robert L. Davis Randolph H. Gordy Sean J. Hale Gary W. Hamilton Richard L. Hunt Huot S. Lor John L. McElmon Michael T. Mockler Tuan M. Nguyen Eugene C. Phillips Jose A. Ramirez Ernie G. Reves Ignacio Saucedo Charles M. Urasaki

9660

Samuel Johnson Warren J. Moore Joaquin D. Pinela Peter C. Serdienis Kenneth D. Walpert Grant White

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Elsayed I. Abdelrashoul Forrest W. Adams Scott P. Archibald William D. Bishop Leroy A. Bonifay David J. Burke Robert E. Chappell Alan L. Clark

RTD has New Dependent Care Coordinator

Looking for child care? District's Jeannette Guerra will help!

We'd like to introduce you to Jeannette Guerra, RTD's new dependent care coordinator. Guerra takes the reins from Cheryl Brown, who recently transferred her expertise to the Employment side of the house.

Guerra, who previously conducted job analyses, classification studies and salary surveys in her position as human resources analyst for the District, is ready to provide you with information about licensed childcare centers. family day care homes, and infant care centers within specific zip code areas. The program, which was developed by Brown, will be further expanded by Guerra. This spring, the Glendale resident will coordinate a dependent care training program for RTD managers and supervisors so that they can better understand the current and future trends in family life, identify the impact of those trends on their working environment, and more effectively manage employees' work and family conflicts.

"I will continue to fill the shoes of Cheryl, who did such an excellent job at developing the program from ground zero," says Guerra, a graduate of Loyola Marymount University. "I plan on developing the dependent care resource library located in the District's library on the 5th floor, finalizing a scholarship program with monies made available through the TCU, and also increasing our network of licensed providers who are able to provide care during non-traditional work hours."

She also says she'll be working with the Planning Department on developing an on-site child care center in the new head-



Jeannette Guerra

quarters building, which is slated for completion in late 1995.

Guerra, who will also be coordinating the Special Assistant Program (a light duty program which involves the selection and placement of temporarily disabled employees in District departments), says she has a good understanding of the importance of child care in today's two-income households.

"I grew up in a family of five children with two working parents," she says. "When relatives couldn't babysit, we kids were left either at a friend's or neighbor's house or my mom or dad took time off to care for us."

Guerra says that unlike many households, hers was fortunate to have friends and relatives her parents could count on. "Many of us aren't so fortunate," she says. "I hope to relieve some of that stress for employees."

If you are looking for child care, give Guerra a ring at (213) 972-7155. Last year, Cheryl Brown matched more than 100 dependents of employees with providers.

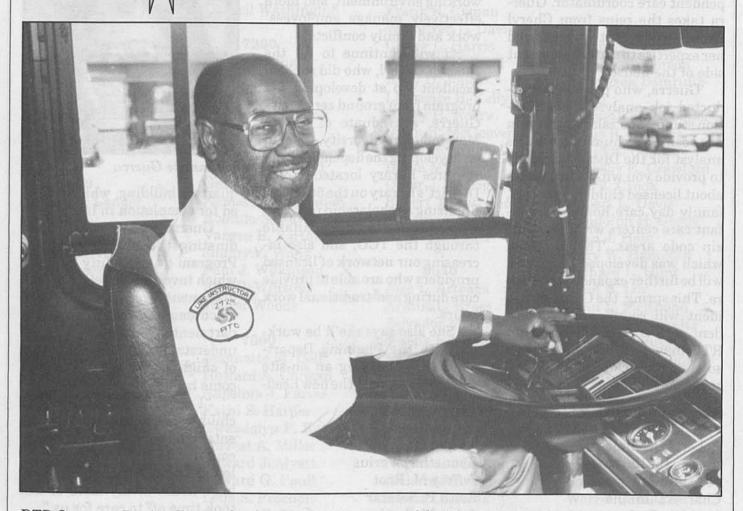
More Perfect Attendance Honorees:

Robert S. Collins Arthur L. Crabtree Joe Di Pietra Charles Dunkins David A. Farley Gary E. Felix Harold J. Flory Jerry D. Forbis Jesus V. Godinez Harold R. Jensen Pyung C. Kim Joseph J. Knapik James P. Loo Martin L. Maggard Richard C. Medrud Dennis A. Messer Walter D. Moore Arthur J. Nelson

Gasper Oropeza, Jr.
Kenneth F. Perius
Jeffrey M. Root
Keith P. Salazar
Arlen M. Sanders
Raymond J. Schuck
Arthur P. Siemens
George D. Trook
Jose A. Vigil
Chuan T. Wong

9699
John M. Almeida
Manuel O. Chavez
Larry Fordon
Oscar Quiroga
Lucille G. Torres
Edward M. Walsh

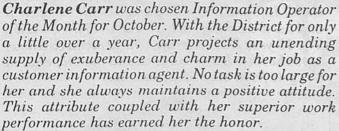
OMMENDATIONS



RTD Operator **Junius Brown** has been selected Operator of the Month for October. A 22-year veteran of the District, the Los Angeles resident has earned the maximum number of merits an operator can attain. He has maintained an accident-free record for more than five years. Each day, during that time, he has made five and a half daily trips along Coliseum Street, Exposition and Jefferson boulevards. Needless to say, Brown knows all his regular patrons by sight and many by name. "I like driving Line 102," he says. "I get a chance to talk to everyone who gets on board. They're regular riders and very friendly."

Brown serves as a deacon of the West Angeles Church of God in Christ. In his leisure time, he enjoys traveling and reading. He and his wife, Mildred, have two sons. Eric, 25, is an employee of the Federal Reserve Bank, and Cedric, 23, is an employee of Delta Airlines.





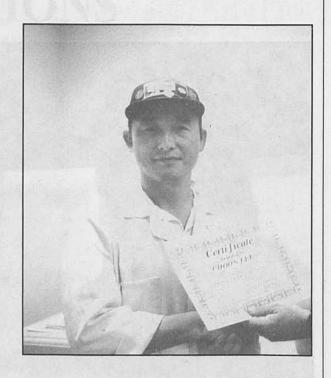
Annie Coleman was named CMF Employee of the Month for November. She is a service attendant in equipment maintenance in the Midlife Shop. She is a very hard-working person who does an outstanding job keeping the Midlife and Body Shop areas clean. Her work has made our Midlife area a safe working place. She is an asset to the District. With the RTD for 13 years, Coleman says she likes the people and the work.

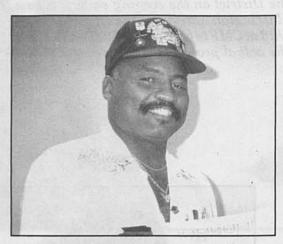


Richard Clifford was selected Facilities Maintenance Employee of the Month for September. As a systems electronic communication leader, Clifford is responsible for the checking, troubleshooting and repair of data and voice transmission equipment. He was especially commended for always producing more completed repair tickets than any other technician. In doing so, he has upgraded the performance levels of other members of the shop and increased the amount of service provided to the District on the evening shift. His boss, Bob Harrington, attributes the efficiency of the day shift at CMF to his thoroughness in documenting the actual problems of leftover trouble tickets.



Kudos to Choon Lee, a mechanic A in equipment maintenance at CMF, who was recently named Employee of the Month for November. "I love the job because it involves working with electrical things," says Lee. As part of the job, he overhauls and tests A/C and charging alternators, voltage and temperature regulators, water pumps and valves, pneumatic cylinders, motors and valves. Lee was recently assigned to build the RTS/TMC wheelchair lift test box, where his technical knowledge proved priceless. He built and tested seven out of 11 of the test boxes and their 20foot long paired test cables. He has done an outstanding job paying close attention to details which resulted in an errorfree product. Lee has often acted as an interpreter for his boss, John Rivenes, with whom he is pictured. A resident of Cerritos, he has superior safety habits and an outstanding attendance record. He has worked for the District for 18 years.





His boss calls Jessie Ramsey (above) an "expediter cum laude." The right-hand man for his supervisor, Ramsey is lead mechanic in equipment maintenance at CMF in the Systems Shop. Ramsey wins applause for looking at ways to save the District money while not sacrificing quality. The San Bernardino resident says he enjoys the people with whom he works.

Helen Gardner, a service attendant in the Midlife Shop, has been chosen CMF Employee of the Month for November. Her boss, John Rivenes, says she is doing an outstanding job in making the Midlife and Body Shop areas clean. Consistent and hard-working, she is an asset to the District. The 13-year RTD veteran, who is pictured below, says she likes her colleagues and the cooperation she gets from other departments.



District Play

RTD Bowlers Finish Year on a Roll

The bowlers of the RTD Bowling Party VI met at the Hollywood Starlanes Bowling Alley to complete the bowling schedule for 1992. When the dust had settled, the Maintenance bowlers from Division 15 (they called themselves "Mr. Goodwrench") were victorious with a total of 2875 pins. Taz Guzman led the winners with a high game of 236 and high series of 636. Sonny Erickson rolled a 620 series with three games over 200. Al Mura-

nyi had a 602 series, Vic Uemura 521 series and Jim Badgett had a 496 series. The new champs did, indeed, bowl well!

The Bowling Party VIII is scheduled for April 9, 1993 at the Beverly Bowl in Montebello. Consult Employee Activities for applications and schedules.

District Employees Take Advantage of Free Medical Tests

by Luanna Urie, Human Resources Analyst

Each year, several medical or health-related events take place in various locations around the District. A popular event is a series of mini-health fairs that takes place at various locations.

I schedule and publicize the mini-fairs. I attempt to have several health screenings at each fair. These screenings are provided free by the participating District medical clinics, and sometimes by District health



Blood pressure readings were among the offerings at a recent Division 7 health fair.

maintenance organizations (HMOs). They do, however, cost the clinics and HMOs, which must pay for the technicians who provide the screenings. In the case of screenings that include blood samples, such as one for cholesterol which must go to a laboratory for analysis, the clinic must pay a fee for each sample analyzed. While the clinics pay less than an individual would pay, you can imagine the charge when dozens of samples are analyzed -- perhaps several hundred dollars per mini-fair. On top of that, some clinics provide fruit and low-fat/low-cholesterol cookies and punch or juice, a video, and equipment to provide the screenings. HMOs generally provide free give-aways and sometimes prizes, as well.

I am sure all of you join me in thanking these folks for their generous contributions to our health and well-being.

Checkmate!

by Emmitt L. Pippen

The 6th Annual RTD Chess Tournament was held Nov. 21 and produced the most competitive chess tournament to date. Four-time RTD chess champion Primo Sumagaysay regained his

crown by winning all of his matches.

Mareial Nieto won second place with 3 1/2 well-deserved points.



Primo Sumagaysay

1991 Champion Roger Milan had to settle for

third place with a higher point total than fourth place's Michael Ortiz. Don Lautenbach finished a very strong fifth, playing some chess that had reflections of Fischer vs. Spasky. Michael Ball finished in eighth place and admirably assisted in making this year's a very strong tournament. Jan Mossembekker who finished seventh and his son, Steven, Randall Koerv, and Walter Brown were welcome new faces to our tournament. A very beautiful trophy was presented to the champion and also a cash award. All of the participants received beautiful certificates.

The 1993 7th Annual RTD Chess Tournament will begin in March with divisional play. Every division/department will have a declared chess champion and round robin play to unseat the declared division chess champ will follow.

We hope that this format will bring the chess players out of the woodwork. Please contact Employee Activities for applications and information.

Line 204

... continued from page 5

that, on average, one officer rides at least 20 minutes on every bus on the line, said Alan Pegg, RTD general manager.

The program will be evaluated and its results included in a report submitted to the board of the new MTA, which will first meet in early February.

General Manager

. . . continued from page 3

In closing, I want to express my personal thanks to each of you for your hard work and dedication this past year. It was always excellent and frequently was above and beyond the call of duty. I can state with confidence that the new MTA will be well-served by the employees of the RTD. A better group of people couldn't be found in any transit agency. Best wishes for the year ahead!

Alan F. Pegg

AQMD To Test Technology

... continued from page 4

University and the U.S. Department of Energy have performed ongoing research on the feasibility of fuel cells in recent years.

"Fuel cells are yet another up-and-coming method of powering buses and cars without the smog we normally associate with gasoline and diesel," said RTD General Manager Alan F. Pegg. "The cells have gained more attention as their efficiency has improved."

Fuel cells operate on the following principle: Instead of providing power through combustion or a common battery chemical reaction, a fuel such as methanol or compressed natural gas is steam-reformed into carbon and hydrogen.

Hydrogen then reacts in the fuel cell with oxygen from the air to generate electrical energy that propels the bus's electric motor.

The fuel cell utilizes a more

efficient reaction to produce power and results in fewer, and less harmful, emissions. Vehicles with advanced fuel cells using pure hydrogen are true zero-emissions vehicles, with only water vapor and carbon dioxide as byproducts.

"The clean-air implications of fuel cells are of prime interest to RTD," said RTD Board President Marvin Holen. "One of our continuing goals is to find ways to put clean-air buses into service to help lower smog levels. Fuel cells offer yet another way."

"We are proud to add another chapter to our ever-increasing volume of alternative fuel experiences," said Pegg. "The use of low-emission fuel cells could be in the District's future if our test proves they can run buses efficiently and cost-effectively."

CCF is Nerve Center

. . . continued from page 13

RTOS switches tracks and generally directs train traffic in the yard from the tower via computer.

Outside the building, the yard features enough track to store 30 additional cars, with room for more tracks in the future. Trains get a daily washing at an automatic train washing machine located near the entrance to the underground tunnels.

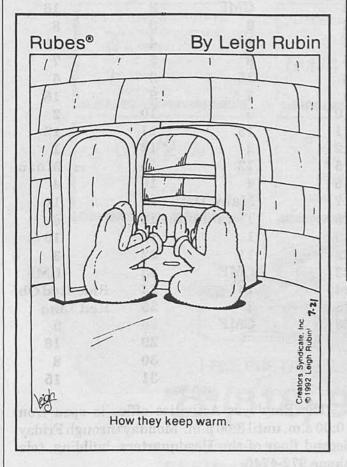
Powerful electrical currents are abundant at the Maintenance Yard and Shop. Before being allowed to walk into maintenance and storage areas, employees must take a special safety course to become fully knowledgeable about the contact rail (or "third rail") system that powers the Red Line.

Because the third rail does not extend into the maintenance garages, a special device called a "stinger" is needed to move trains from the yard into the garage. The stinger, which hangs from the ceiling of the garage, clamps onto one of four shoes available on a train car and provides the necessary 750 volts of power to move the train into the maintenance area. Three trained workers are used to operate the stinger safely.

At the north end of the yard stands the Maintenance of Way building, which houses the 26 RTD employees who maintain Red Line and Blue Line tracks, electrical systems, signals and communications systems. The lion's share of the work originating from this facility goes toward preventive maintenance -- making sure all systems along the rail

routes are functioning correctly.

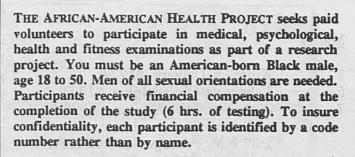
Should there be an emergency, the Maintenance of Way team is dispatched to the scene immediately to repair wires, realign track, and perform the tasks needed to get the train cars serving the public again.



Charles Drew University-UCLA Collaborative



African-American Health Project



For information Please call 213/563-5915

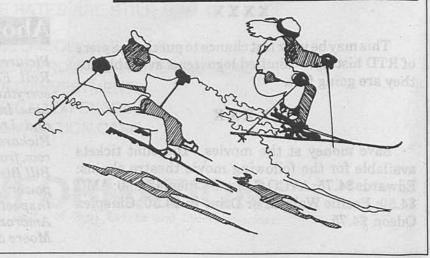
Don't Be a Flake— Ski Safely

Division 7 Party

. . . continued from page 6

sack of goodies to take home with them. Strangely, when Santa was here, TOS Derick Mahome was no where to be seen.

As usual, Division 7 had a superb party and dinner. We thank all of the participants, those of you who put it on, and those who attended!



RECREATION EWS

Mobile Unit Schedule

Loc.

The mobile center will operate Monday through Friday from 9:30 A.M. until 2:00 P.M.

Mar.

Loc.

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		1	3	1	9
		2	CMF	2	16
	THE RESIDENCE OF THE PARTY OF T	3	9	3	8
March	March		16	4	15
		5	8	5	7
2	Kings vs. Calvary \$17.50	8	15	8	5
5	Lakers vs. Philadelphia \$13.50	9	7	9	18
7	Joseph and the Amazing Technicol	10	5	10	2
	or Dream Coat	11	18	11	12
	2:30 P.M. Pantages \$55.00 orch.	12	2	12	1
	tickets for \$50.00	15	12	15	Main.
9	Sada - Universal \$30.50	16	4	16	4
13	Phantom-Matinee 2:30 P.M. \$60.50	17	Main. Day	17	11
17	Lakers vs. San Antonio \$13.50	18	Tran. Police 18 6		
19	Lakers vs. Boston \$13.50	19	1	19	10
20	Kings vs. St. Louis \$20.50	22	11	22	3
20	Clippers vs. Utah \$19.50	23	CMF	23	CMF
21	Lakers vs. Detroit \$13.50	24	10	24	Blue/Red Ob.
26	Lakers vs. New York \$13.50	25	3	25	Red Line
28	Lakers vs. Indiana \$13.50	26	CMF	26	9
30	Clippers vs. Lakers - Sports Arena			29	16
322.50				30	8
				31	15
	X7 X7 X7 X7 X7				

Feb.

The Employee Activities office is open from 10:00 a.m. until 3:00 p.m. Monday through Friday. Second floor of the Headquarters' building, telephone 972-4740.

rornam and one

MAGIC MOUNTAIN SPECIAL March 13, 4, 20, 21, 27, 28, April 3-18, 24, 25 \$14.00

XXXX

XXXX

This may be your last chance to purchase a piece of RTD history! Limited logo items available but they are going fast.

XXXX

Save money at the movies. Discount tickets available for the following movie theatre chains: Edwards \$4.75; AVCO General Cinema \$4.50; AMC \$4.50; Pacific Walk-In or Drive In \$4.50; Cineplex Odeon \$4.75

About the Cover

Pictured on the front cover are 10 members of the Rail Facilities crew, who have been readying everything but the trains for the debut of the Red Line. In the back row, from left, are Francis Mensah and Louis Perez, traction power inspectors; and Richard Reckers, signal inspector. In the middle row, from left, are Rob Chappell, associate engineer; Bill Bishop, track supervisor; Dave Farley, traction power supervisor; Art Siemens, traction power inspector. Rail Facilities secretary Jo Anna Ambrozich and Rail Facilities Superintendent Bud Moore are pictured in the front.

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RTD introduces discount transit tokens, selling in bags of 10 for \$9, resulting in a discount fare of 90 cents. Making it official are, from left, Gordana Swanson, Board member; Bob Williams, AGM-Customer Relations; Alan Pegg, GM; Marvin Holen, Board president; and Robert Ryan, Board member. Last tokens issued were for the 1984 Olympics.

HEADWAY

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