

Communique

CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION



MARCH 1988

Executive notes

MEDIA COVERAGE 1987

by Maryn Pitt, assistant director
Public Affairs/Legislation

During the CDF Vision 2000 process, one of the concerns raised in the field was the visibility of the department to the media and the general public. CDF's Office of Information and Public Affairs has kept those concerns in the forefront of our efforts. The following information is a synopsis of the types, and amount, of media attention CDF was able to garner during 1987.

PRIOR TO FIRE SEASON

CDF held its first Media Day at the Fire Academy. Participating were:

- * Seven television stations, including

the three major networks and Cable News Network (CNN).

- * Three radio stations, including one from San Luis Obispo.
- * At least 20 reporters from the print media. Public Affairs also assisted the Electronic Data Processing unit in creating and handling all the publicity for their Computer Aided Dispatch (CAD) media event at the Nevada-Yuba-Placer Ranger Unit. This event received international coverage.

FIRE SEASON

Fire Prevention's efforts with the "Fire Safe, California!" campaign were extremely successful in garnering 245 million consumer impressions. This effort gave CDF much needed recognition throughout the state as a leader in the fire services.

In addition to those efforts, the depart-

ment, through the Office of Information and Public Affairs created the following publicity for CDF. (These figures also include publicity during the fire siege.)

- * More than 200 hours of television air time.
- * In excess of 3,000 column inches (approximately 84 yards, that's almost the length of a football field) in newspaper print space.
- * CDF has made the cover (and feature story) of:
 - American Fire Journal
 - Unisys professional magazine
 - Airbeat (airborne law enforcement)
- * The director was featured on:
 - The Larry King Show
 - The McNeil-Lehrer Report

1987 WAS A GREAT YEAR FOR CDF!!!!

IN MEMORY

Don Striepeke, staff assistant chief of Fire Prevention at Sacramento Headquarters passed away suddenly on January 23, 1988.

(An article in Don's honor will appear in the April *Communiqué*.)

Forestry features

THERE'S GOLD IN THEM THAR HILLS

(OR)

ONE MAN'S JUNK IS ANOTHER MAN'S TREASURE

by Polly Schack
CDF Material Manager

There's been a different type of gold in "them thar hills" since 1949 when the federal government granted CDF a claim to the resources available through the Federal Excess Personal Property (FEPP) program. Since then, this "claim" has yielded "riches" valued at \$3-\$20 million annually for CDF, it's contract counties, and the numerous rural community fire departments throughout the state.

The "claim," of course, is to valuable materials and equipment including tools, vehicles, and aircraft which the federal government loans to the state and its

(Cont. on pg. 3)

cooperators for use in California's fire protection program. Material - from bolts to buildings - no longer required in the federal system is being put to productive use in CDF ranger units, camps, contract counties and rural districts.

According to Bill Teie, chief of CDF's Fire Protection section, "(the department) has faired well with access to FEPP. We have been able to secure materials and equipment we would not be able to get any other way. For example a fleet of S-2 airtankers, air attack planes, helicopters, administrative and executive aircraft, and millions of dollars worth of supplies." CDF has obtained all but one of its fixed wing aircraft through the FEPP program. According to Ollis Kendrick, senior air operations officer, "this has allowed the department to have the largest and most respected state operated air attack program in the United States."

Lloyd Keefer, ranger unit chief, Lassen-Modoc, said he didn't know where they'd be without the program. His ranger unit has put 125 pieces of accountable property (mostly vehicles and generators) to good use. "Many of our districts," according to Keefer, "have little operating capital and cannot afford new or used equipment." He specifically cited the Standish-Litchfield Fire Protection District which "literally would not exist were it not for the federal excess property it receives..." Keefer is quick to point out that the benefits received by CDF in strengthening fire fighting capabilities are as important as those gained by the local departments.

The "prospectors" responsible for finding and claiming FEPP are CDF screeners. Currently there are about 12 CDF employees, including contract counties, who carry valid screeners cards issued by the federal government. These cards allow them entrance to the sites (usually military bases) where the excess property is located.

The screeners are employees who have a good working knowledge of the types of equipment the department can use. They must also have an interest in this type of "shopping," because it is something they take on in addition to their other work. There are plans in the near future to recruit additional screeners where necessary within the department. If you think you might be interested in becoming a screener get in touch with your region material manager. A screener's success in acquiring federal excess property is in direct proportion to his/her own energy

and enthusiasm. According to Bob Ramstead, FEPP coordinator and chief screener for the Los Angeles County Fire Department, his own screening expertise has been developed enough over the years to allow him to avoid the "foolsgold." Bob says that new screeners are likely to hunt through everything available at the numerous sites. "But," he warns, "there's so much junk out there that screeners must be able to channel their enthusiasm." That's where a good knowledge of his/her client's needs comes in, to avoid unnecessary acquisitions. When asked about specific ways to avoid accumulating excess material and wasting valuable time, Bob suggested the following:

1. Learn correct FSC (property ID) code numbers so you can automatically bypass items not directly useful to clients.
2. Once property is acquired, follow up promptly with paperwork and property distribution.
3. Don't acquire "junk." (Bob defines junk as anything not needed in the department, i.e., don't pick up a helicopter if you don't have an air force.)

From Bob's perspective, the program is indeed worth the time and effort involved - "we're affording people an opportunity to have things they'd (otherwise) never have...this helps us all!"

Finally, be on the look out for the "chief claims agents" Mary Frith, CDF, and Ben Beal, U.S. Forest Service. They may turn up periodically anywhere in the state - to assist the regions and ranger units in "working their claims" - from locating the "vein" to hauling the "dredges"... and, by the way, they're getting pretty good at it!

Look for more on the FEPP program and CDF acquisitions through the program in future *Communique*.

CFES

by Laurel Goddard

CDF has begun using a new computer program that its creators hope will help forestry personnel fight wildland fires more efficiently.

The California Fire Economics Simulator (CFES) was developed by researchers at the University of California, Berkeley, and is adapted from the U.S. Forest Service's Initial Attack

Assessment (IAA) model.

CFES uses a five- to 10-year span of historic fire information from CDF fire reports (FC-18s) to analyze initial attack capabilities. The program predicts the effectiveness of various strategies for deployment and staffing of wildland firefighting crews. Predictions from CFES include:

- *the likely number of fires contained during initial attack per year.
- *the likely number of acres burned by contained fires which are contained during initial attack.
- *the annual number of fires by dispatch level (i.e., Low, Medium, High) and user-defined size classes.
- *annual firefighting costs for initial attack fires.
- *the likely number of initial attack responses for individual firefighting crews per year.

In addition to yielding predictions, the program helps managers determine if the levels of fire protection in various areas of the state are adequate. For example, by analyzing input on weather conditions, vegetation, firefighting crews, and terrain, and comparing these factors to historic data, the program can help determine the most effective mixes of personnel and equipment in a ranger unit.

To operate the system, the user inputs information about a few likely fires in a ranger unit, typical sizes of fires when reported to emergency command centers (ECCs), average fire spread rates per dispatch level, and what equipment to send. The user also defines the "simulation limits" that tell the computer to stop when acreage or time limits are reached. These are the fires that "escape" initial attack. To do the simulation, the model "lights" fires, and then compares fireline construction capabilities with the perimeter growth of the "computer fire".

The program is not designed to predict site specific fire behavior, "it's designed to predict a whole fire season," said Wayne Mitchell, CDF's Fire Planning Analyst.

He added that the program isn't designed to give answers, but to analyze existing and potential initial attack policies. "The ultimate decision is still a human decision."

CFES should also help all levels of managers "analyze policies they've set, from the ranger unit level to Sacramento," said Glen Lee, CDF's Fire Economics Analyst.

(Cont. from pg. 3)

CFES was adapted from the USFS model by converting the computer language it was written in from Fortran to Pascal. This conversion provides CFES with self-explanatory data entry screens, "error checks" for common data entry errors, along with graphics (pink and red pulsating flames) and sound effects (a wailing siren when the program starts). CFES creators hope that these changes will help make CFES a simple, easy to use program.

Operational training on CFES began in March of 1987, and was given to CFES

coordinators in each ranger unit and contract county. Orientation training has been given to the Resources Agency Secretary, Gordon Van Vleck, and his staff, Director Partain, the CDF executive staff, unit managers, fire control officers, operations officers, Department of Finance analysts, and others. The Board of Forestry's August meeting included a detailed CFES presentation and field trip.

Plans are already in the works for Berkeley researchers to enhance CFES. The new version of CFES will analyze

fires based on variable inputs — changes in fire behavior, different response times for crews — to yield more in-depth analyses. The fire planning staff hopes this second phase of CFES will allow them to determine the outcomes of fires starting at different times of day, under a full variety of conditions.

If you would like to see CFES in action, contact your local CFES coordinator or a member of the planning staff in Sacramento. Stay tuned for updates on CFES progress.

In flight

HOWARD FOREST HELITACK

by Fire Captain Bob Borba

ON THE COVER

Copter 101 from Howard Forest Helitack in Region I, in action.

Howard Forest Helitack is located five miles south of Willits on Highway 101 in the Mendocino Ranger Unit. Howard Forest Helitack covers a 50-mile initial attack response area that encompasses over 2.8 million acres of State Responsibility Area (SRA), and over 730,000 acres of U.S. Forest Service, and Bureau of Land Management lands.

The base evolved in 1982 from the Laytonville Helitack when CDF implemented its UH-1 program throughout the state. At that time the department replaced seven of its seasonal helicopters with the military surplus aircraft.

The first helicopter to be stationed in the Mendocino Ranger Unit was in 1959 when CDF contracted a Bell 47 and assigned a crew of three to Howard Forest. This program lasted on and off through the 1960's as fire severity dictated.

In 1972 the ranger unit established a permanent helitack program at the Laytonville station, 25 miles north of Howard Forest. Rick Patterson and Leroy Zwicky were the first two fire captains assigned to this program. Rick

remained with the program until August 1987 when he transferred to the air attack fire captain position at the Ukiah Air Attack Base.

The Howard Forest Helitack crew considered Rick "Mr. Helitack", a pioneer in the CDF Helitack Program. He was a strong promoter of the larger helicopter concept and through his dedication to the program helped promote the eventual acquisition of this helicopter which is making a favorable impact on CDF's initial attack responses. Captain Patterson's move out of helitack marks the end of an era.

The larger helicopter in the Mendocino Ranger Unit has increased the resources available at the scene of initial attack fires by delivering a larger

crew and more gallons of water. Note the difference in 1972 and 1987 statistics below:

1972

Water dropped - 1,000 gallons

Responses - 113

Flight hours - 167.5

1987

Water dropped - 287,600 gallons

Responses - 166

Flight hours - 291.1

The larger helicopter has also led to an increase in Medivac and rescue missions.

The Mendocino Ranger Unit is very proud of the Howard Forest Helitack Unit. Over the years many individuals have contributed and benefited from working with this group. The overall goal of having a good fire suppression unit has been achieved. The fringe benefits have been a unitwide camaraderie and friendships that will last a lifetime.



Fire Captain Rick Patterson "Mr. Helitack."

Your health and safety

PHYSICAL FITNESS WORKSHOPS

by Laurel Goddard

Physical fitness is essential for all firefighters, because of the physical demands of their jobs. Fitness is also important for everyone who wants to live a healthier, happier, more energetic life, and that's one of the messages the CDF Health and Safety office hopes to convey with its new physical fitness program.

Another goal of the program is to make firefighters and all other field personnel more aware of their own fitness and individual strengths and weaknesses.

The new program, which is being implemented through a series of workshops, provides basic training to selected field personnel in the administration of physical fitness testing to job candidates, and the knowledge necessary to start programs within their separate units. The Health and Safety staff also plans to develop a booklet of physical training guidelines for use by field advisors and employees.

The first workshop took place Dec. 17-19 at the University of California, Davis. Over 30 participants attended the workshop, representing, all four regions, 21 ranger units, the Fire Academy and Sacramento Headquarters. The participants attended a series of one-hour lectures on such topics as aerobic conditioning, nutrition, injury prevention and strength training. They also participated in group exercise activities and acted as test subjects. The testing included a pre-test medical screening, graded exercise (treadmill) test, and grip, arm and leg power tests. "Negotiations are under way to approve these tests and replace the current JAC tests. We expect to implement these new tests in July of 1988. This workshop was designed to give our employees basic skills," said Mike Catlin, exercise physiologist at Health and Safety. "Another training session will be scheduled for immediately before we begin using the tests. That workshop will serve as a refresher and certification."

A Bargaining Unit 8 agreement in August extended the one hour of physical fitness training that employees are now getting daily. The Health and Safety staff hopes to implement its new program "as a way to help employees spend this hour of physical fitness time effectively," Mike said.



This group of participants at the physical fitness workshop test their aerobic ability on the track at UC, Davis.

The individual programs developed within each unit would be designed to fit each employee's specific need for endurance, strength or other areas of physical fitness. Also, Mike added, "employee programs would be designed to progress slowly — to minimize injury."

The new program will benefit employees by helping them look and feel better, increasing their productivity, lessening fatigue, and giving them "more energy to spend on vacations and days

off," Mike said. "Their families will enjoy them more, and physical activity will become a permanent part of their lifestyles. We'll all benefit — employees, families and the public we're protecting." He added that retirees will also enjoy a happier, more active, and longer retirement life. When those goals are reached CDF objectives of reducing the human and economic costs of injuries and disabilities will be accomplished too.

TRAINING FOR AEROBIC FITNESS

by R. G. Holly, Ph. D.

(Dr. Holly is an assistant professor in Physical Education and Director of the Adult Fitness Program at the University of California, Davis.)

There are three primary concerns that need to be addressed when discussing training: specificity, overload and safety. We'll discuss all three of these in relationship to aerobic fitness in this article. Subsequent articles will deal in detail with other aspects of fitness (such as strength and flexibility) and other aspects of a healthy lifestyle (such as diet, smoking cessation, exercise benefits and decreasing risk of heart disease).

Specificity

Specificity in exercise training is like specificity in trades: if you train to be

an electrician, it is unlikely that you would be a great cabinet maker. If you train to have exceptionally strong muscles, it is unlikely you would be able to run marathons very well. Conversely, if you only trained to run marathons, it's unlikely you'd be well prepared to lift and carry heavy objects. Thus, you become fit to do those things which you train to do. This is the concept of specificity in training. We will be talking about aerobic or cardiovascular fitness. Aerobic means oxygen requiring. An aerobic exercise is one which requires the body to use a lot of oxygen. These are activities which involve large muscles and can be performed at moderate intensity for prolonged periods of time. Brisk walking, jogging, running, swimming,

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(Cont. from pg. 5)

biking, backpacking and cross-country skiing are all examples of aerobic activities. Weight-lifting, gardening, doubles tennis and checkers are not. While these activities have their own benefits, they do not stress the body by greatly increasing its oxygen requirements, so they will not help you attain aerobic fitness. Only aerobic activities performed on a regular basis will increase your aerobic fitness. This is called aerobic training.

Overload

Overload is like advancing through the grades in school. No one would get any smarter if we all stayed in first grade and never graduated to second grade. To develop intellectually, we moved regularly from one grade to the next. It is also the same with physical training. You must regularly push just a little bit harder to increase your fitness in a specific area. For example, to get continuously stronger you need to lift heavier and heavier weights. To increase your aerobic fitness you need to overload your oxygen transporting system which is composed of your heart, lungs and muscles.

The FITTE factors best summarize how to do this:

- F - Frequency - (3-5 times per week —3 maximum for beginning joggers).
- I - Intensity - (Based on a treadmill stress test, or working no harder than that intensity at which you can carry on a comfortable conversation (the talk test) or about 70-85% of maximum heart rate (MHR), where MHR can be estimated as 220 minus your age).

T - Time or duration - (20-45 minutes, 30 minutes maximum for beginning joggers).

T - Type or mode - (Any aerobic activity, such as jogging, running, brisk walking, swimming, backpacking, biking, cross-country skiing).

E - Enjoyment - (The type of exercise and how it's done must be *enjoyable* to have reasonable long term success. Approach exercise as ADULT PLAY).

Following these recommendations usually causes about a 10-25% increase in your maximum aerobic capacity in 5-6 months. Because of the general benefits of exercise to the heart, lungs and muscles, aerobic exercise done three days each week forms the base for any exercise program. Strength and flexibility training can then be incorporated an additional 2-3 days per week for a well-rounded program of aerobic and strength conditioning.

Safety

Any exercise must be safe to be effective. Although running is an excellent activity, doing too much too soon can lead to a number of leg and hip injuries due to overuse. The recommended *maximum* duration of 30 minutes per session for *beginning joggers* is important because *exceeding* these limits has been associated with a high rate of foot, knee and hip injuries (about 50 percent). The maximum recommended intensity should allow your exercise to be COMFORTABLE AND ENJOYABLE. "No pain, no

gain" sounds good, but is unnecessary, counterproductive and has caused more people to stop exercising from either injury or disinterest than it has helped. Warm-up and cool-down at half speed for 5-10 minutes to allow your body to adapt to the increased activity of exercise (warm-up) and to allow your body to clear the metabolic waste products of exercise before it returns to rest (cool-down).

Should you see your doctor before you begin an exercise program? The answer is yes if you are currently sedentary and at risk for heart disease. You should consider yourself at risk if you have one or more of the following risk factors: (1) at least 35 years old with a family history of heart disease before age 50, (2) high blood pressure (greater than 145/95), (3) high blood cholesterol level (above 240 mg/dl), (4) diabetes, (5) smoke cigarettes, or (6) have an abnormal resting electrocardiogram. CDF is in the process of developing a program that would make much of this important information readily available to you. Finally, if you develop chest pain, headaches, dizziness, or a rapid irregular heart rhythm with exercise, stop and seek medical advice immediately. If you develop other aches, pains, shortness of breath, etc., first try slowing down or trying another activity. If they persist, seek medical advice. Remember to take it easy and enjoy yourself. Exercise is fun when it's done properly.

THE SPECIAL PROBLEMS OF A SINGLE PARENT

"I feel like a juggler trapped; in a circus!" is one single parent's description. Parenting with a partner is difficult enough, but handling it alone can be overwhelming at times. Single parents often experience the problems of living on a reduced income, conflicts between parenting and work, arguments with the non-custodial parent over visitation, or of just being alone with the kids. They sometimes feel guilty and try to make it up to the kids. Later, the single parent may confront the challenge of dating or remarriage while dealing with negative reactions from the children.

The absent parent also faces difficulties. Tension between divorced

people can make visitation a touchy issue. Without the regular routine, finding enough to talk about can sometimes be awkward. It is easy to become the weekly "Santa Claus" if you don't have to provide the daily discipline.

Often children are unable to express their fear, frustration, anger, or grief in language that parents can understand. Common problems, ranging from bedwetting and general misbehavior among young children to rebellion among teenagers, vary with the child's age and temperament. In the case of divorce, children often feel compelled to choose sides or may become adept at playing one parent against the other.

Smaller children may secretly wonder, "Are they going to divorce me?"

Many single parents don't realize that there are resources available to help them. Discovering that their problems are manageable can be a great relief. Counseling is available through the employee assistance program and is totally confidential.

For more information or to set up an appointment, call one of the numbers below:

San Francisco	
Bay Area	(415) 653-4357
Toll Free Inside California	(800) 772-3972

Take note....

FORESTRY "DOWN UNDER" STYLE

by Fire Captain Russ Rogers

On my vacation to Australia this past December, I had the opportunity to visit the Queensland Department of Forestry.

I met Senior Officer Supervisor Neil Gouley of the Toolara State Forest, and he gave me a tour of his station and fire equipment. The Toolara State Forest is about half the size of Monterey County and is covered with plantations of Splash pine and other timber. It is one of several state forests located in the state of Queensland, the north-eastern state of Australia.

The dryest part of the year, and therefore their fire season, is in October and November. Fire occurrences here are not as severe as they are in southern Australia where in 1983, 12 firefighters and 34 civilians were killed in the Ash Wednesday fires.

Fire tactics within the Toolara State Forest are similar to ours. According to Gouley, "The type of fires we mostly get are lightning fires and a few roadside fires." Most of these fires they can handle with their ranger's mop-up units. As fires get well established into timber areas and are running hot they rely on indirect attack. They use bulldozers and ground crews to fight these fires because of limited air support, which is one helicopter owned by the State Emergency Reserve Services.

Gouley went over the third and latest wildland fire engine design in Australia. They call it the "white elephant." It gets its name from its heavy weight, slow speed and limited areas of travel. It is a type '84' Mercedes Benz 4x4, powered by



Senior Officer Supervisor Neil Gouley of the Queensland Department of Forestry on the Toolara State Forest Demonstrates the type 84 engine. His title is the equivalent of a CDF Fire Captain. He is the station manager and supervises several workers. (Notice his uniform, shorts, boots and shirt.)

a six cylinder diesel turbo engine on a galvanized steel frame. The crew compartment, which is located behind the cab, can seat four people, and has two 1 1/2" turbo jet monitors on the sides. The water tank holds approximately 1,000 gallons. On top of the tank is a storage area for tools, backpacks, wetting agent and chain saw. It has a Hale single stage centrifugal pump, run by a Deutz air cooled three-cylinder direct injection diesel engine, located in the rear of the vehicle. In each rear corner is a hard line and two drip torches. They carry approximately 800' of 1 1/2" canvas rubber lined fire hose. On the front of the engine is a 12-volt winch and brush-guard which they call a "Roo Bar" because of the number of kangaroos on and near the road.

Their radio communications are comparable to CDF's ten years ago, but is very effective for them because of the size of their department. They use radio communications to dispatch personnel working in plantations to respond to fires and make contact with the several fire lookouts in the forest.

In the time I spent with Neil Gouley, I realized their concern for safety, but was surprised fire curtains and shelters were not yet being used by the department. They do however, recognize the 10 standard fire fighting orders, 13 situations that shout "Watch Out" and the common denominators.

I thanked Neil for his time and welcomed him to visit our department any time.

"YOUNG" HERO

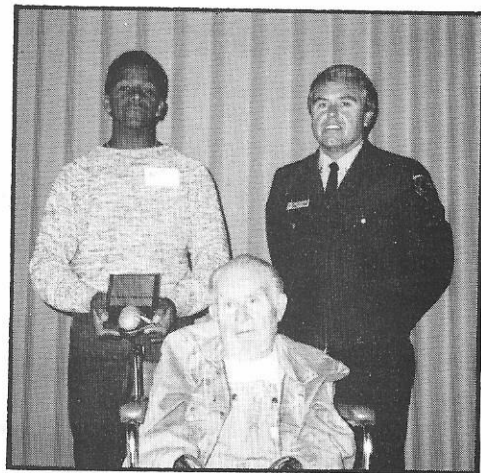
Last May, 15-year-old Cory Young was presented with a plaque by Dick Clanton, Santa Clara Ranger Unit Chief, for his efforts in rescuing an elderly man from his burning home.

Just recently, the young man received another honor in the form of a \$125 cash reward from the National Enquirer.

J. V. Sherburn, who is an invalid, awoke in the pre-dawn hours April 27, 1987 to see flames shooting up just across from his bedroom in his Gilroy home. Hearing

his cries for help, Young entered the house and ran past the flames to get to Sherburn. He was unable to lift Sherburn, but was able to drag him outside. Young then went back into the house and extinguished the fire.

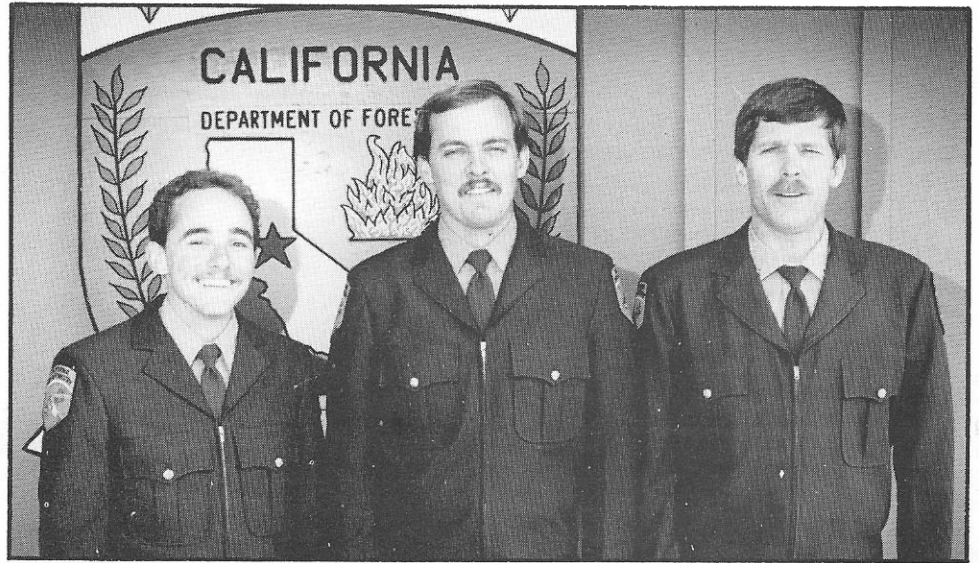
Rescuer Cory Young poses with the man he saved, J. V. Sherburn and Ranger Unit Chief Dick Clanton. (The plaque Cory is holding was donated by the Gilroy Chamber of Commerce.)



TOP THREE IN BFC #103

The top three graduates of Basic Fire Control class #103 are from L to R: Fire Apparatus Engineer Richard Hutchinson Jr. of the Tulare Ranger Unit who graduated with a score of 93 percent; FAE John King of the Amador-El Dorado Ranger Unit who graduated with a score of 95 percent; and Fire Captain "B" Richard Sagan of Parlin Fork Conservation Camp who graduated with a 94 percent score.

(Photo by VIP photographer Larry Angier).



HEARTFELT THANKS

We would like to extend heartfelt thanks to all the special CDFers who sent cards, calls, prayers and contributions in the loss of our beloved Firefighter I Bryon Lytle, Shasta-Trinity Ranger Unit. The support of friends, far and near, was the source of strength we needed to endure our terrible tragedy. We will sorely miss our dear Bryon, and will always remember the love you have all shown.

From Jeannine Kavanaugh (mother)
Accountant II
Kathy Niederberger (aunt)
Personnel Assistant II
and their families

PHOTOGRAPHERS WANTED

WANTED: To hear from you CDFers who own and operate cameras and are willing to share with us those CDF moments that you have captured on film.

Sorry we can't pay you, but we will definitely give you a byline. Interested shutterbugs should call the Public Affairs Office staff here in Sacramento and talk to Lisa or Laurel, (916) 445-9920.

CORRECTION BOX

Take a look at the photos on pages 8 and 9 of last month's *Communiqué* and you'll see two photos that aren't in their proper places. The photo of Copter 404 naturally goes with the article about Columbia, while the photo of the newly built hangar and Tanker 92 goes with the joint air attack in Redding article. It seems they were switched while at the printer.

VIP news

PUPPET PRESENTATION

by Fire Prevention Assistant
Roxanne Stager and
Fire Captain Specialist Jim Van Meter

"Hop, hop, hippity hop, I'm so happy..." those very words spoken by "Rabbit" can be heard echoing through the room filled with attentive pre-school children. It's just one of the lines from the two VIP puppet programs that have been presented to over 4,000 children in Imperial County.

In January, a team of 15 VIPs and two CDF employees traveled to El Centro, Brawley, Holtville, and Calexico to educate school children about Smokey the Bear's Five Rules of Match Safety.

Pre-school children from all over Imperial County are bused to puppet theater locations every year when this VIP presentation takes place.

Approximately 60 children were present for each of the eight programs per day.

The presentation begins with "an imaginary bear hunt" led by Sue Tally of the Imperial County Office of Education. Then the team leader discusses Smokey's rules for match safety and prepares the class for the puppet presentation by Mr. Ranger, Mr. Tree, Chip, Rabbit, Owl, Freddy Fire, and Smokey. A surprise visit by Smokey the Bear reinforces the five rules of match safety in Spanish as well as English. The children receive the five rules three times within a 30-minute period.

This year the program has been expanded to include time in the local elementary schools, educating over 3,000

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students in grades kindergarten through second.

This VIP program is so popular with the volunteers that they eagerly jump at the chance to participate.

Have you been receiving your *Communiqué*?

If not you probably didn't send in your purge card last year, or you have moved since then and didn't let us know, or you retired but never contacted this office requesting to be put on the mailing list. Those are the top three reasons why people do not get their *Communiqué*, but we can clear all that up right now if you will take a look at page 11, fill it out with your current address, and return it to us by May 15, 1988.

DON'T MISS OUT!!

Camp Los FLOOD TRAINING

by SFR II Warren Ristow, Cuesta CC



This group is learning how to contain a boil when flooding occurs.

With the weather we've got right now it doesn't look like we'll be worrying about floods this winter, but it's always nice to be prepared. After one of the most devastating fire seasons in California history, winter flooding was on the minds of many.

Thanks to the California Conservation Corps Academy and instructors, all CDF fire captains from Cuesta and Los Robles Conservation Camps have received

excellent flood training.

The day long training consisted of both classroom and field work during which hundreds of sand bags were filled and spilled. Static displays of each flood control technique are permanently set up, complete with flood waters, to give students an idea of what the finished product should look like and how it will work under wet conditions.

Personnel Transactions

COAST REGION

Transfers - FC (B) Arthur Kruckman to Black Mountain CC, and FC (A) Mike Edward to Sonoma.

Appointment - Karen Jones to FAE, Lake-Napa.

Reinstatement - Ofc. Tech. Wendy Ellzey to DED, North

Retirement - HFEO Robert Swearingen, Sonoma.

SIERRA CASCADE REGION

Transfers - FC (B) Earl Lovenguth to Devil's Garden CC; FC (B)'s Daniel R Szczepanek, Gary R. Miralles, Thomas M. Hopper, David W. Drum, William D. Ault; and OA II (T) Melody Miller, all to Sugar Pine CC; FAE Keith E. White to Shasta-Trinity.

Promotions - Donald R. Lundgren, Brad L. Eatmon, and Donald A. Dingler to FC (B), Devil's Garden CC; Douglas H. McKee, Mark J. Caulfield, Chad T. Zrelak, Michael R. Williams, Richard A.

Marazzi, and Paul Janowitz to FC (B), Trinity River CC; Kelly C. Blake to FC (B), Crystal Creek CC; Joseph A. Roberts, Stephen O. Danley, and Kenneth R. Black to FC (B), Sugar Pine CC.

Appointments - Sean M. Griffis and Craig L. Rogers to FAE, Nevada-Yuba-Placer.

Retirements - FC (A) Noble P. Tibbs, Shasta-Trinity, FC (B) Gilbert J. Zoppi, Ishi CC; and HFEO Jack D. Davidson, Tehama-Glenn.

CENTRAL REGION

Transfers - FAE Ken D'Artenay and FC (A) James Reid to Fresno-Kings; Ofc. Tech. (G) Maureen "Mo" Matthews to Hqs.

Promotions - Gary Milani, Peter Antonell, and Michael Gibbs all to FC (B), Gabilan CC; Vickie Carmichael to Sec., Hqs.; Ygenacio Garcia, David Dikes, Colin Ferguson, Richard Gonzales, and Michael Carr all to FAE, Fresno-Kings; Don Tashima, Julio Quiros, Susan Arnold, Michael Pittman, Don Morris, and Harlan Enos all to FAE, Tulare; John

King and Kris Quinones to FAE, Amador-El Dorado; Larry Gilbert, Craig Townsend, and Ellen Price all to FAE, San Benito-Monterey.

Appointments - William Poulos to Carp. II, Hqs.

Reinstatement - Randolph Wetzel to FAE, Fresno-Kings.

Separation - Sec. Rose Marie DeMello, Hqs.

Retirements - FC's Gerald Brown-Silva, from Miramonte CC, Deltas Cooper, Fresno-Kings, and Joseph Kelly, Vallecito CC.

SACRAMENTO HEADQUARTERS

Transfer - FC (A) Dennis Tremelling, Academy.

Promotions - Nancy Martinelli to Ofc. Tech (T), Academy; Kay Fagunes to Staff Mgr. II (Budget Officer); Lori Johnson to Staff Mgr. I; and Paul Knott to MST.

(Cont. on pg. 10)

(Cont. from pg. 9)

Appointments - Sylvia Deaver to Steno. (B); and Ivan Talley, to M&SSI; Barbara Laveroni to Ofc. Tech. (T); and Judy Guerrero to Labor Relations Spec. I.

Separations - PA I Maria Costa; and Sr. Acct. Clk. Sandra Tom.

Retirement - HEM Rodney Gravink.

SOUTHERN REGION

Promotions - Kenneth S. Kelly, Mark R. Fisher, Marquette A. Healy, Bradley D. Smith, Reginald C. Erie, Ignacio C. Otero, David L. Parks, Jr., and Aciano L. Avila, all to FA (A), Riverside; George L. Fronek, Jr. to SFR I, Owens Valley.

Appointments - Daniel P. Chester III to FC, La Cima CC; Ellen Jones to Disp. Clk.; and Joseph Palmer to FAE, San Bernardino.

Separations - Bldg. Maint. Wrkr. Johnnie J. I. Sims, Hqs.

Retirements - FC's William J. Fisher, Bautista, and Noble Roripaugh, Owens Valley CC.

ANNIVERSARY T-SHIRT

Custom-Line T-shirts has CDF 60-year anniversary T-shirts available for \$10, plus \$3 shipping. The shirt says CDF on the back and depicts a horsedrawn engine and a brand new engine. On the front are the words California Department of Forestry and Fire Protection 1927-1987, and the California Golden Bear.

If you would like more information call (714) 840-9550 or write to Custom-Line T-Shirts, 5901 Warner Ave, Suite 418, Huntington Beach, CA 92649.



George Deukmejian, Governor
Jerry Partain, Director
Lisa Boyd, Editor
Dave Rodriguez, Graphics
Vera Fava, Personnel Transactions

Deadline: 5th of each month
Phone: (916) 445-9920

Personnel Transactions

EXAMINATION CALENDAR

Upcoming Examinations

Title	Exam Base	Final Filing Date
Accountant Trainee	Open	March 31
Delineator	Open	March 24
Aircraft Mechanic	Open/Spot (Fresno)	Mid April**
Business Service Officer I (Supv./Spec.)	Promotional	Mid April**
Electrician I/II	Open/Nonpromo.	May 12
Forestry and Fire Protection Administrator (formerly Assistant Deputy State Forester)	Promotional	April 7
Material & Stores Supervisor I	Open/Nonpromo. (Spot/San Diego)	Mid April**
Operations Research Specialist I	Open	May 5
Personnel Asst. II (Supv./Spec.)	Promotional/Spot (Riverside)	March 31*

Examinations in Progress

Title	Status
Architectural Assistant	Interviews anticipated in April/May
Associate Electrical Engineer	Interviews anticipated in April
Dispatcher Clerk	Interviews anticipated in June
Forester I/II	Interviews anticipated in March
Lead Groundskeeper	Interviews anticipated in April
Programmer II	Interviews anticipated in April/May

*Tentative.
**Final filing dates have not yet been determined.

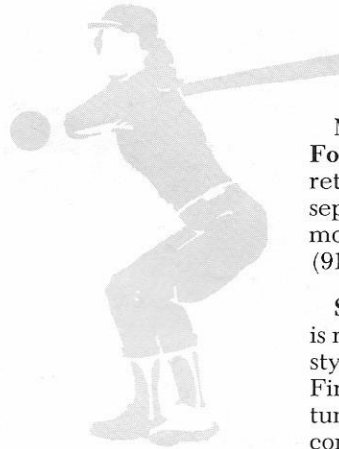
Do Not submit applications for examinations until the Bulletin has been released.

Mark your calendar

SOFTBALL



Hope you haven't forgotten to reserve your vacation days for the 8th annual co-rec Softball Tournament scheduled for May 14 and 15, 1988, in Elk Grove. We expect about 25 teams from all over the state. Make sure yours isn't left out. If you would like to sign up or just want information, please write to the coordinator, Tess Albin-Smith at CDF headquarters in Sacramento (P.O. Box 944246, Zip - 94244-2460), or call her at (916) 322-0165. Remember, Riverside is the new team to beat!



Mark Saturday, April 9, 1988 for **State Forest Ranger II Stan MacDonald's** retirement dinner. Join the fun at St. Joseph's Parish Hall off Highway 49. For more information contact John Resosco, (916) 823-4904.

State Forest Ranger II Doyle Metheny is retiring and you can help him go out in style on Saturday, April 16 at the Loleta Firemens Hall, (five miles north of Fortuna on Hwy. 101). For more information contact Mary Lang at the Humboldt Fire Center, (707) 946-2362.

The **CDF Golf Tournament** and **Wagon Train** (RV's) will again be joining the gathering. The golf tourney will be held April 7 and 8 and the Wagon Train will meet on the morning of the 9th.

Notices of these events will be mailed to all current 25-Year Club members and CDF employees who will complete 25-years of state service in 1988.

If you are interested in attending and do not receive a flyer by March 1 contact Secretary Frank Quadro at 1749 Mission Ave., Carmichael, CA 95608, or call (916) 487-4455.

Kudos

To the following CDFers who have completed 25 years of state service:

Fire Captain Rand Claussen of the Tulumne-Calaveras Ranger Unit

Fire Captain Samuel Snow of Gabilan Conservation Camp

Secretary Carol Romo of Gabilan Conservation Camp

State Forest Ranger I Larry Jordan of the Tulare Ranger Unit

State Forest Ranger I William Gardner of the Tulare Ranger Unit

Fire Captain William Creamer of the Madera-Mariposa Ranger Unit

State Forest Ranger I Howard Hawk of the Fresno-Kings Ranger Unit

Fire Captain Richard Cornwell of the Fresno-Kings Ranger Unit

and

Fire Captain William Ayers of the San Mateo-Santa Cruz Ranger Unit.

To CDF employees in Sacramento, Yolo, Placer El Dorado, and Amador counties who raised over \$11,000 for the Sacramento Area United Way in 1987. That's a 13 percent increase over 1986.

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