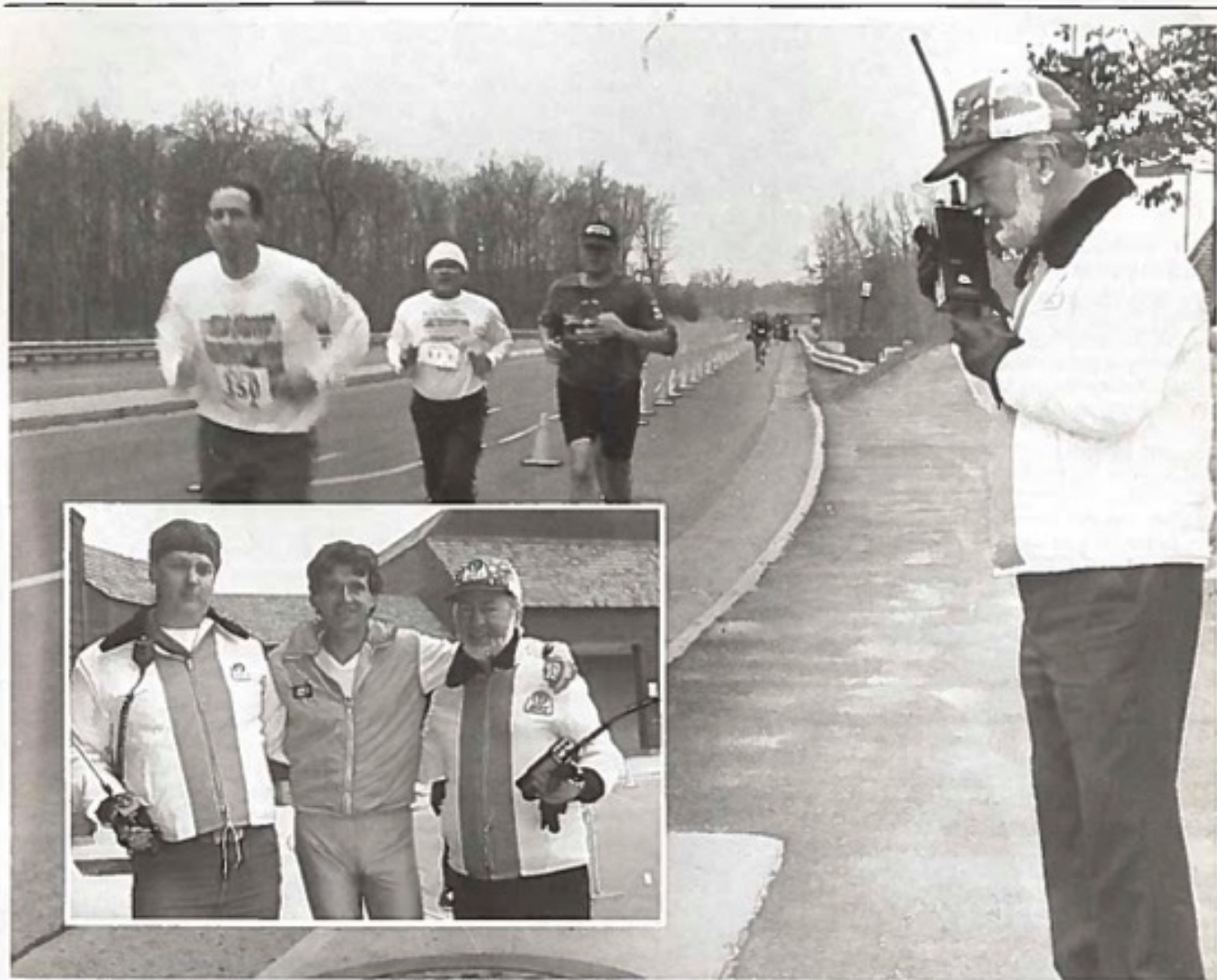




# the REACTer

Official Publication of REACT International, Inc. (Radio Emergency Associated Communications Teams)

NOVEMBER/DECEMBER 1989



## REACT International

242 Cleveland  
Wichita, Kansas 67214

(TIMELY MATERIAL — DO NOT DELAY!)

Non-Profit  
Organization  
U.S. Postage  
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Wichita, KS  
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## In This Issue . . .

- Benefits of REACT Membership
- 1990 Convention Plans Begin
- REACT Amateur Radio News
- Safety Belt Use Increases Among Teens
- REACT Field Directors Responsibilities

## Why Do People Belong To REACT?

Present and past members of REACT were asked why they belong to REACT. This is what they informed us, ranked in order of the most popular reason given:

1. To HELP people in need.
2. The REACT volunteer activities.
3. The friendship of other REACT members.
4. Meeting other CB, GMRS, Ham Radio enthusiasts.
5. The civic recognition of their local Team.
6. The opportunity for volunteer leadership.
7. To receive the REACTer magazine.
8. For the training and drills.
9. Products with the REACT logo.
10. Attending educational meetings and hearing informative speakers.

### Be a REACT Team Member and Receive . . .

The REACTer Magazine. Rated good to excellent by 82% of the members, The REACTer is published six times a year and includes news about the activities of REACT

Teams, developments at the Federal Communications Commission, new citizens radio communications products, highway safety campaign updates and important public service information. Subscribers tell us The REACTer is the most informative CB and highway safety publication of its type.

YOUR PERSONAL REACT ID CARD which entitles you to REACT group discounts on car rentals and hotel discounts across the country.

A REACT MEMBER DECAL to display on your vehicle so you can proudly display your membership in one of the nation's most respected public service organizations.

SPECIAL REACT MEMBER ONLY DISCOUNTS on purchases of radio, equipment and other items offered by manufacturers and dealers who support the REACT program.

### REACT Team Members are Specially Protected in their Volunteer Activities

Each Team member registered with REACT International, Inc. is covered by our ONE MILLION DOLLAR LIABILITY insurance policy. This means if you are ever sued or have a claim made against you or your Team for damage arising out of your REACT activity, our insurance carrier will step in and cover the legal and other expenses involved. Even in states having a Good Samaritan law, non-REACT volunteers have to pay for an attorney to defend them. REACT members do not.

BONDING COVERAGE OF FIVE THOUSAND DOLLARS for each Team member is also provided to protect the Team's assets

from dishonesty and loss. You work hard for the donations and funds received in events, it would be a tragedy to lose the fruits of your work.

LOW COST REACT ACCIDENT AND PERSONAL INJURY INSURANCE. Available to REACT Team members only for \$5.00 per year. Participants are protected with \$25,000 accidental death and dismemberment coverage, \$2,500 hospitalization, and \$75 weekly disability income. You won't find a better coverage for the cost.

### REACTs 501(c)(3) Non-Profit Charitable Status is an Advantage to our Members' Volunteer Activities

REACT members are eligible under our REACT International, Inc. not-for-profit status for special tax deductions from the Internal Revenue Service. You may deduct the cost of operating your personal vehicle to and from REACT events, and the cost of operating and maintaining your REACT radios and other equipment. Check with your tax preparer for more details. In Canada REACT is a recognized charitable corporation.

### REACT Members Share in the Best Volunteer Recognition Programs Around

In 1982 REACT International received the PRESIDENT'S VOLUNTEER ACTION AWARD. Many other recognitions have been bestowed upon REACT in which every Team and member share in. K40 Electronics Company sponsors the REACT recognition program in which every member, Team and Council is eligible to enter. K40 annual winners receive a check for \$500, expenses paid to attend the International convention, and a very nice trophy in recognition of their achievement. Quarterly winners receive \$100 check and trophy. Many councils and Teams also recognize the efforts of their members.

### REACT International is a Member-Run Organization with Opportunities for Members to Advance in Leadership

Each year REACT Team members elect fellow members to the REACT International Board of Directors. Our Board members are



volunteers themselves receiving no pay for their work towards setting the policies and direction of our organization. The Board also establishes task groups who report directly to the Board on subjects of interest to the members of REACT. Each year our annual convention and Board meeting is held to gather the input of our membership. REACT State Councils are formed by the Teams within the state to help one another with major projects and in subjects of interest to the teams. Council officers are elected by the Team members. Teams are also encouraged to elect their own leaders.

### REACT Monitors are Needed by the Public to Save Lives

Emergency calls over CB 9 require a monitor to take the call in order for life saving help to arrive. There are millions of travelers who have a CB radio for the express purpose of getting help for themselves and others. Each year an additional three million radios are sold to new buyers for this exact reason. Unfortunately public safety agencies can't always be at the right place at the right time. Citizens band, General Mobile and Amateur Radio can save as much as twenty minutes response time to the scene of an accident. REACT needs every member it can get to provide effective life-saving coverage on the emergency frequencies.

### REACT Members are Part of a Tradition

For over 28 years REACT members have been using their citizens two-way radio to help people in need. Highway safety is an important aspect of our tradition as our members monitor emergency frequencies and provide the vital link between travelers and emergency services. During times of disasters REACT members are first on the scene providing vital communications and manpower. You are invited to join or remain a part of our REACT TRADITION!



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# the REACTer

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The REACTer is the official publication of REACT International, Inc. — a non-profit 501(c)(3) public service organization. REACT stands for Radio Emergency Associated Communications Teams. This publication is provided to our dues-paying members (one per household) and other interested parties. It is published six (6) times yearly. Average distribution for 1988 was 12,400 copies with 95% USA and the remainder to: Canada, Venezuela, United Kingdom, Australia and U.S. territories. Ronald O. Mayes, General Manager and Editor, Assistant Editor Sandra Van Doren. Offices: REACT International, Inc., 242 Cleveland, Wichita, Kansas 67214 USA (316) 263-2100. Entire contents copyright ©1989. Authorized REACT Councils and Teams may reproduce articles in entirety, giving proper credit. REACTer assumes no responsibility for submitted articles, manuscripts, photographs, or drawings; such items cannot be returned. Please allow six weeks for change of address and delivery of first issue.

## Winners of the Shakespeare — REACT Membership Drive Contest



**Grand Prize Winner** — with 24 new members #4683 Rockwall Co. REACT TX receives three Shakespeare Big Stick Antennas and one Whistler 900 Dual channel CB radio.

Runners up with 18 new members #4748 Cedar-Loo REACT IA receives two Shakespeare Big Stick Antennas.

The rest of the Top 25 winners listed below will receive a Shakespeare Big Stick Antenna.

RANK	TEAM #	NAME	STATE	MEMBERS GAINED	TOTAL MEMBERS
3.	1582	Louisville Metro REACT	KY	13	44
4.	4208	Sedgwick County REACT	KS	13	56
5.	4643	Maricopa County REACT	AZ	12	33
6.	C475	Southwestern REACT	CA	12	113
7.	3377	King County REACT Inc.	CA	11	34
8.	2904	Spokane County REACT	WA	11	53
9.	3587	Treetop REACT	MI	10	14
10.	4738	Bergen-Passaic REACT	NJ	10	23
11.	4661	Steuben County REACT	IN	10	27
12.	3420	Burke County REACT	NC	10	38
13.	3968	Richmond Metro REACT, Inc.	VA	9	26
14.	4714	Whiteside County Emergency REACT	IL	8	31
15.	2202	Triple Cities REACT of NY, Inc.	NY	8	39
16.	3309	Collin County REACT	TX	7	8
17.	2615	McGregor REACT	TX	7	17
18.	2166	Roanoke Valley REACT, Inc.	VA	7	26
19.	4051	Logan REACT and Rescue	WVA	7	48
20.	3335	Richmond County REACT, Inc.	NY	7	63
21.	4734	Big Sky REACT	MT	6	9
22.	C514	REACT of Cochise County	AZ	6	20
23.	4730	Marathon County REACT	WI	6	27
24.	4745	REACT Queens Help Volunteer Rescue	NY	6	30
25.	3622	Guadalupe County REACT	TX	6	36

\*New Total Members in Team as of 10-6-89

Shakespeare E and F Division and REACT International wishes to thank all the Teams who participated in this contest and helped REACT to grow.

**On the Cover . . .** RESTON, VIRGINIA held its annual 10 mile run in March 89 with four hundred runners participating. Hemdon REACT #C332 Inc. provided radio emergency communications with 15 members on the entire route. Radio net control was handled by the Team's Communications Van.

Winner of the event was Frank Shorter, the 1972 United States Olympics Marathon champion, with a winning time of 54 minutes, 41 seconds. Frank is center with REACT members Rick Rohmann (left) and Bob Guest (right).

Photos by Bob Baird

# REACT Board Members View

## Why a Dues Increase, and Why so Much?

Why did the Board of Directors raise the dues to the members and why so much? Tough questions, that need answers.

Ever since I was first elected to the Board, my primary concern has always been the budget and how to keep it not only under control but out of the red.

In Calgary, the Board accepted the recommendation of those members in attendance to institute a two-level dues increase of first going to \$12 for a regular membership for 1987 and then to \$15 for 1988. The Board is always reluctant to raise dues thus, the increase for 1988 was deferred. The Board looked at what our projections are for the upcoming year and took action to insure the financial stability of

your organization. The Board analyzed every aspect of getting more income, even selling the mailing list to a selected group, without going back to the membership for a very large increase. The Board has, and will continue to do everything it can to limit expenses, but we need you — the members — to remain with the organization and get more people to join.

The membership has been asking for more publicity for REACT. The mini-articles in *Field and Stream* and *Modern Maturity* have led to some 18,000 responses that need to be handled by staff in Wichita. These inquiries not only will get the word out about our organization, it can help the public in learning how to properly use Channel 9.

## Responsibilities of a REACT Field Director

What are the responsibilities of a "Field Director", what expenses are paid by REACT International and what expenses will I have to cover if I am elected to the Board of Directors of REACT International?

These questions are often asked whenever REACT members gather, especially when it is time to nominate and elect your representatives to the Board of REACT International Inc.

I will try to answer these questions as best I can.

The "Field," as well as the "At Large," Directors are ultimately responsible for every facet of the operations of REACT International. Included in that, are the formation and implementation of policies and programs, the development and monitoring of the budget and the overseeing of the business affairs of the corporation. The main responsibility of all of the directors is to attend and participate in all Board of Directors meetings. Inbetween those meetings the directors are required to respond to correspondence sent to them requiring a vote or a request for an opinion.

The "Field" Directors are to be responsive to the membership. You, the members, nominate and elect them. They handle all membership problems ranging from making recommendations on the granting and revoking of Team charters, to the handling of a specific Team or Council problem. The Field Directors are assigned to specific geographical areas where they are responsible for investigating all problems that are brought before the membership committee of the Board of Directors. If the problem cannot be worked out between the parties involved or the Council cannot work out the problem, then the Director will try to mediate the situation and if that cannot be accomplished, the Director will offer a recom-

mendation to the Membership Committee for a vote and a recommendation to the entire Board for a final ruling. Thus the Directors are asked to either handle the problem via the mail, over the telephone or in some instances, by a trip to the Team or Council which is having the problem. All of which costs various amounts of money.

Expenses that are paid by REACT International are: Meetings of the Board of Directors, i.e., travel (air, etc.), lodging and meals, and for teleconference calls. Expenses for special meetings which require a Field Director to attend are covered only if approved by the Board prior to attendance at the meeting.

Board Member expenses such as telephone calls, postage, stationery, etc. are covered within reason when the Director submits a request for reimbursement of these expenses. As a rule the Directors limit their expenses to as little as possible and many times donate or absorb them in view of REACT's limited board budget. The Board is currently developing a policy to cover the expenses that will be covered by REACT International. I would anticipate that such a policy would be in place by the next convention. The Board members are quite concerned over this expense item and are continually trying to limit these costs when they can.

State or Regional Meetings and conferences are encouraged to invite a REACT Field Director, At Large Board Member or the General Manager to attend in consideration of the Board members time involved. The host is requested to pay the reasonable travel, lodging and meal expenses of the Board Member. Most often a nearby director will cost less and can provide the host and meeting attendees.

This is not meant to discourage or prohibit

By Rick Munton

But all of this takes dollars. We have hired additional workers and accepted even more volunteer time to get the replies back out to those requesting information. We have some proposals for more training programs that also cost, and if we get the funds, we will be passing these along to you.

All members of the Board are willing to work with you to limit expenses, raise income and maintain if not increase services. If you have any questions or suggestions, you can writ to me at:

R.A. Munton  
6723 Stillmeadow Drive  
Charlotte, NC 28226

by Rick Munton

any member of REACT to seek a position on the Board of Directors. It is just a brief overview of what it takes to do the job properly. I urge each member to become involved at Team, Council and International levels and most importantly, to make sure that your Team does cast its vote, properly, when it comes time for the election of Field Directors.

## A Call for Papers

DEADLINE: December 31, 1989

James E. Bear, President and Chairman of the Board of REACT International, Inc., has issued a "Call for Papers" in anticipation of the mid-winter meeting of the REACT Board of Directors.

The purpose of these "Papers" is to give all REACTers the opportunity to advance ideas, programs and proposals before the REACT International Board of Directors. There is no limitation on the appropriate topics, with the exception that topics must advance the interests of the REACT Program, its Teams, Councils and organizational structure.

Papers submitted will be duplicated for distribution to all REACT Board members; the Secretary will provide to all REACTers a summary of all Papers submitted, along with a report of final disposition.

All individuals are invited to submit papers to the following address prior to the Dec. 31, 1989 deadline:

Edward S.N. Smith, Secretary  
REACT International, Inc.  
c/o REACT International, Inc.  
242 Cleveland Street  
Wichita, KS 67214

## Calendar of Events

**January 13, 1990** Oklahoma State REACT Council meeting at Norman, hosted by University REACT.

## Other Events

**January 8, 1990** NVOAD Annual Meeting, Red Cross Headquarters, Washington, D.C.

**January 6-9** Consumer Electronics Show, Las Vegas, Nevada.

**March 19-21** Md/DC VOAD F.E.M.A. Region 3 Conference. Topic: "Focus on Disaster." For information write: Norman Kaplan, 2605 Loma Street, Silver Spring, MD 20902-4841



# SEASON'S GREETINGS

REACT International wishes you and your family a happy holiday season!



## 1990 Dues are Due

For REACT Team Members  
Now through January 31, 1990  
\$17.00 Regular  
\$15.00 Family & Junior

## □ Team Events

**#3844 Ram Rod REACT, Eden Valley, Minnesota**, held two Safety Breaks in 1989. For Father's Day 999 people signed in. On Labor Day 3120 travelers signed in from 22 states, 6 Canadian provinces and 2 foreign countries during the 27 hours we operated the Break. We also handled communications for Walk-America and hosted the annual state REACT meeting in October.

**#C269 Salt Lake REACT, Salt Lake City, Utah**, held a welcome home party for our 22nd anniversary. Anyone who had ever belonged to our Team was invited and the response was great. Special recognition was shown to each of the ten past presidents for their accomplishments. Entertainment was provided by a local church group's youthful dancers. But much of the time was devoted to relating the most unusual Channel 9 calls. Dinner was a six-foot submarine (or Hoagie) sandwich with desserts and anniversary cake provided by individual members. We hope this event rekindled the interest in serving our fellowman through our REACT membership.

Special thanks go to our President, Geri Smith, and her associates for making this a night to remember.

**#2867 Northwest REACT, Aloha, Oregon**, is wondering how the rumor about cellular phones phasing our Channel 9 as an emergency frequency, got started. REACT is thriving and growing in the Portland, OR-Vancouver, WA, area. New membership training has been continuous and, thanks to one of the best training officers on the west coast, has been thorough and fun for the new applicants. Our Team enjoys open communications among ourselves as well as the public. Publicity has been a key note with our Team and a beautiful billboard has been placed at one of our most popular ball fields to be seen by the public almost everyday. It is a great feeling to hear travelers, when they are going through our area, ask for our Team by name.

We will celebrate our 14th anniversary in October with our one remaining charter member. Walt, Northwest REACT Unit #1, has not missed one year of service. There has not been one day gone by without hearing him handling an emergency call. He has been to as many Team functions and meetings as is humanly possible for someone confined to a wheelchair. Walt is a beautiful example of what REACT is really about. Our thanks to Walt, and to all the fine folks out there doing their "jobs."

## CB Thoroughbreds with winning credentials.



Model M-900  
Trunk Mount

the **AS**  
**Black Stallions**<sup>TM</sup>

Sleek and spirited, the new A/S Black Stallion<sup>TM</sup> CB antennas have an unfair advantage over all other brands—the long, proud heritage of the most respected name in professional communication antennas. With the finest 17-7PH stainless steel whips, high-tech protective black DURA-COAT<sup>TM</sup> finish, and contemporary styling, these exceptional antennas have no peers for strength and beauty.

Now's the time to catch a Black Stallion for yourself. Send for your free 16-page "CB/Monitor Antennas" booklet today.



Model M-902  
Trunk Mount



Model M-904  
Magnet Mount



Model M-906  
On-Glass\*

the antenna specialists co.

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## □ Team Events



Mike Kapfer of Southern Nevada REACT holds the attention of a class as he explains rules of safety.

**#3342 Southern Nevada REACT, Las Vegas, Nevada,** went to school — as instructors, not students. Our safety talks on "Stop, Look and Listen" received TV news coverage. We provided each child with a safety flyer designed by the Team, along with a pre-addressed envelope for comments and/or donations and at the end of each class the children were given a piece of hard candy for being good.

We also became involved in a project to make sure these same children did not become an accident statistic instead of

arriving at school. M.J. Christensen Elementary School for kindergarten through fifth grade is situated at a dangerous intersection. On the first day of school, two drivers were cited for going 70 mph in a 25 mph and over 60 over cars were cited for 40 mph or more. We joined parents in the area in getting television coverage of the situation. In two days crosswalks had been painted in, school zone signs were installed, and the intersection was a four-way stop with a police crossing guard to assist the children.

**#C100 St. Joseph Valley REACT, Osceola, Indiana,** read "If the Shoe Fits . . ." September/October 1989 and decided it did, sometimes to the point of feeling downright unloved. Well, we're out to get a new pair of shoes.

We have done many things we're proud of, such fund raisers for the Family and Children's Center, Camp Millhouse, and "missing children"; helping the city of South Bend with the "World's Largest Garage Sale" and with the Mishawaka Summerfest. The City of Mishawaka, Indiana presented us with a proclamation for REACT Month, and a local firm, Central Design Services, Inc. donated a copier to our Team.

For the past three years we have helped on a 10K run in Plymouth, Indiana, at their annual Blueberry Festival. But you won't find any letters from Plymouth; they say "thank you" with a generous contribution.

And you've heard of Notre Dame? Well, be assured for the past several years we've been to all those home games from the toll road into the parking lots, doing our part to

keep those "Fighting Irish" under control.

Our 1989 season is just beginning and we're ready. We'll try to write again real soon.

**#2416 N.J. Inter-County REACT, Fairfield, New Jersey,** received a Certificate of Appreciation from the Township of Fairfield for "providing public safety and emergency communication service for the past ten (10) years."

**#4748 Cedar-Ioo REACT, Cedar Falls/Waterloo, Iowa,** helped local authorities search for a missing woman at the sand pits near Waterloo. Several residents from the Waterloo and Cedar Falls area joined the search for the Charles City woman who remains missing.

Our Team, along with Johnson County REACT #2174 (Iowa City) and Tri-County REACT #4613 (Tabor) was asked to help in the Fairfield (IA) Vintage Power Wagon Show. Our job was to keep things running smoothly during the show days.

**#C375 Wabash Valley REACT, Terre Haute, Indiana,** received a proclamation from the City of Terre Haute in recognition of REACT Month. We have had a pretty good year, serving the people of our community with aid stations and parades, while building a good rapport with our city and county government.

**#C109 Prince William REACT, Woodbridge, Virginia,** on July 23 held a family picnic to say "best wishes" and "thank you" to Vince Kern and Peggy Bell for their six years of service to the Team. With the advent of a challenging and rewarding career opportunity for Vince, he and Peggy are moving to California. (Look out, Bay Area!)

Peggy was presented with a commendation letter and plaque in recognition of all her work for the Team and for the Commonwealth of Virginia REACT Council. Vince also received a commendation and plaque recognizing his effective work in reorganizing and revitalizing Prince William REACT, his broad and continuing support of the Council, and his leadership contributions as president of both organizations. Two specially decorated cakes were presented to Vince and Peggy, and then rapidly demolished by the hungry horde (even after everyone had "put away" a sizable and varied repast).

We will miss both of them. California REACT certainly should anticipate their arrival in the Golden Gate State and be ready to benefit from their dedication and experience.

**#3129 Lake Palestine REACT, Athens, Texas,** designated July 20 as Law Enforcement Appreciation Day and July 25 as Emergency Agency Appreciation Day. Our Team presented the Henderson County Sheriff Department, Athens Police Department, the Athens Fire Department and East Texas Emergency Medical Service with awards and dessert. The Peace Officers Association honored us with a good citizenship award. This two-day event received mention in the *Athens Daily Review*, our local newspaper.



Chief of Police Dave Harris accepts the plaque presented by Lake Palestine REACT's President James Rogers.

## LIFE MEMBERSHIP CORNER

by Dick Cooper LM 329

Well, LM #72 missed her estimate of 400 Life Members by the time of the 1989 Convention, but not by very far. The newest Life Members are shown below. Welcome!!!

LM 399  
Earnest Jackson  
Bell County REACT #4047  
Belton, Texas

LM 400  
Lee White  
Centinela-South Bay REACT #C125  
Lawndale, CA

LM 397  
Raymond Sullivan  
N.J. Inter-County REACT #2416  
Fairfield, NJ

LM 401  
A.K. Bonham  
Drifting Sands REACT #2917  
Holtville, CA

LM 398  
Richard I. DeFrehn  
Bell County REACT #4047  
Temple, TX

LM 402  
Norman P. Owings  
REACT of Clark County #C25  
South Vienna, OH

As all REACT members know by now, the regular membership dues will be increased to \$17.00 in 1990. The cost of a Life Membership will be effected as follows: In 1989 Life Membership cost \$240.00 (20 x \$12.00). In 1990 a Life Membership will cost \$340.00 (20 x \$17.00). *This means that now is the best time to get a Life Membership.* You can save \$100.00 by submitting your Life Membership application before December 31, 1989. This will assure you of getting the 1989 rates. If you choose the

Payment Plan, you must pay 1989 REACT International dues unless all payments are made prior to December 31, 1989. Payments still due on January 1, 1990 will require regular 90 dues to be paid. Life Memberships are not in effect until all payments are received.

Andy Trautner of the United Kingdom joins other Life Members from outside of North America. Andy paid his LM dues at the 1989 Convention in Wisconsin.

Chris White, LM C-066, has been in and out of the hospital since the July Convention. Everyone is thinking about you Chris so get better soon. Late Note: Chris is home recuperating.

"Jim" B.V. Bazzell, Life Member #255 and founder of Honolulu REACT Team #C-010, Honolulu, Hawaii, passed away recently after an illness. Our thoughts are with his family and friends.

### APPLICATION FOR LIFE MEMBERSHIP IN REACT INTERNATIONAL

DATE \_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_

TEAM # \_\_\_\_\_

TEAM NAME \_\_\_\_\_

Date joined Team (month and day) \_\_\_\_\_

NOTE: If the two year requirement is fulfilled through membership in more than one Team, please attach a letter of explanation stating which Team(s) and reason for change (moved, etc.)

DATE OF BIRTH \_\_\_\_\_ (Minimum Age 13)

DUES ENCLOSED:  Full Life Member Dues \$240

Senior Citizen Discount applied

Age 61 — \$216  Age 62 — \$192  Age 63 — \$168

Age 64 — \$144  Age 65 and over — \$120

Payment Plan — Minimum first payment \$31

METHOD OF PAYMENT:  Check  Money Order  Payment Plan\*

VISA  MasterCard Card # \_\_\_\_\_

Exp. Date \_\_\_\_\_ Name on Card \_\_\_\_\_

I give my permission to publish my address \_\_\_\_\_ and my phone number \_\_\_\_\_ in the Life Member directory and other official REACT publications. (Please initial each area.)

TEAMS, check this box if this is a surprise gift or recognition. All information will be sent to Team address.

I understand that acceptance as a Life Member in REACT International does not release me from any financial or other obligation of membership in my local REACT Team. I shall be entitled to all privileges of Life Membership in REACT International wherever and so long as I live and my conduct is consistent with the purposes and ideals of the REACT organization.

SIGNED: \_\_\_\_\_

DATE \_\_\_\_\_

APPROVAL OF THIS APPLICATION IS RECOMMENDED BY APPLICANT'S TEAM:

(Requires signature of two Team officers other than applicant.)

SIGNATURE \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*Payments made are considered a donation until Life Membership is paid in full in the prescribed period. There are no refunds of partial payments.

MAIL TO: REACT International, Inc.

242 Cleveland  
Wichita, KS 67214

# SEAT BELT SAFETY



## DOT Air Bags or Automatic Safety Belts Now Required in All New Cars

On the eve of the Sept. 1, 1989 deadline when all new cars sold in the U.S. must be equipped with an air bag or automatic safety belts the Department of Transportation released two dramatic photographs of crashes in which the drivers survived because they were protected by air bags.

"I can think of no better way to show the American people the benefit of this new safety equipment than with photos of actual crashes," said Secretary of Transportation Samuel K. Skinner. "If a picture is worth a thousand words, these pictures may be worth even more. It's hard to look at them and not want the same crash protection for your family."

According to DOT, in one of the crashes the unbelted 18-year old driver of an air bag-equipped Dodge Daytona struck a large tree stump at approximately 50 mph. While he received serious injuries to his legs and pelvis he had virtually no head, neck or chest injuries. The other crash was head-on between a Chrysler LeBaron convertible and a full-size station wagon at a closing speed of about 80 mph. The properly belted driver of the air bag-equipped LeBaron received injuries to her lower extremities but no serious head, neck or chest injuries.

NHTSA estimates there were 685,000 air bag-equipped cars on the road in model year 1989, 2.9 million will be equipped in 1990, and 5-6 million cars will have air bags by 1993. An estimated 4.9 million cars equipped with automatic belts were produced in 1989.

NHTSA said automakers that offer driver-side air bags can continue to provide a manual lap-shoulder belt for the front-seat passenger until Sept. 1, 1993. The safety agency offered this incentive to encourage manufacturers to put driver-side air bags in cars at the earliest possible date, and to allow sufficient time to phase in this technology on the passenger side. Manufacturers that offer automatic belts must have them in both front seat positions of their cars beginning Sept. 1, 1989.

According to NHTSA, each year about 22,000 people are killed in the front seat of passenger cars and another 300,000 suffer injuries serious enough to require hospital treatment. Frontal crashes account for half of all occupant fatalities and air bags are most effective in frontal crashes.

Federal Motor Vehicle Safety Standard No. 208 requires new cars to meet performance standards in a 30 mph barrier crash test, as measured by head, chest and leg criteria on test dummies. Car companies may use any means of automatic crash protection to meet the standard but air bags

and automatically closing belts have emerged as the technologies offered, giving the public a choice of which it prefers.

NHTSA said air bags are installed in the steering wheel hub on the driver side and in the dashboard on the passenger side. In a crash, a sensor triggered by deceleration sets off the cycle that deploys an inflated fabric cushion in about the time it takes to blink an eye. The air bag helps to absorb the crash energy and then immediately deflates. But for maximum protection in all crashes, including rollovers and side or rear impacts in which an air bag may not deploy, front seat occupants need the added benefit of a safety belt.

"An air bag used with a safety belt provides the best protection available in all kinds of crashes. It's a 'winning combination' that greatly increases your chances of surviving a crash that otherwise would have been fatal," Miller said.

NHTSA said automatic belts work in the

same way as conventional, manual belts by restraining the occupant's forward motion and reducing the possibility of ejection. There are a number of different designs by the various auto manufacturers — some with motors, some without — but all move into place automatically when the car door is closed. Some designs include an additional, manual lap belt to provide maximum protection.

Compared to manual belts, automatic safety belts are estimated to cost an additional \$45 for a non-motorized system and \$180 for a motorized system. Air bag cost estimates vary considerably, depending upon factors such as production volume and whether the system protects the driver only or both the driver and passenger. Air bags for both the driver and front passenger are estimated to cost \$390. A driver-side only system is estimated to cost \$270. Costs will be higher at lower volumes.



The unbelted 18 year-old driver of an air bag-equipped Dodge Daytona struck a large tree stump at approximately 50 miles per hour. While he received serious injuries to his legs and pelvis he had virtually no head, neck or chest injuries. According to NHTSA, he survived the crash because of the protection of the air bag.

## Teens Increase Belt Use

Recent trends indicate increased belt use by teenagers. According to a 19-city survey, the National Highway Traffic Safety Administration reports teen belt use rose from 19.1 percent in 1986 to 25.1 percent in 1987.

This is good news, as teen drivers and passengers are at a higher risk for injury and death in motor vehicle crashes than any

other age group. Also, teens as a group have one of the lowest rates of belt use. Figures from 1987 revealed teens comprised only 10 percent of the U.S. population, while accounting for 16 percent of all motor vehicle deaths. (Safe Ride News, American Academy of Pediatrics, Summer, 1989)





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Here's a super value from America's premier CB brand! The Realistic TRC-474 mobile CB is easy to install and it's loaded with extra features—priority switch for instant access to Emergency Channel 9, ANL to cut interference, a large LED channel display, plus RF gain and tone controls for superior reception.

The three-way CB/PA/Monitor feature lets you monitor a channel while using the public address mode.

It's engineered by Realistic, the leader in CB, to deliver high performance, easy operation and rugged dependability. And it's backed better than any other CB brand in America with in-depth quality control testing and over 7000 locations offering personal service as well as a full line of citizen's band accessories. The TRC-474 is regularly \$139.95. Now through December 24 you can get it on sale for only \$79.95 and only at Radio Shack.

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The Technology Store™

A DIVISION OF TANDY CORPORATION



## Publicizing REACT

by Bob Riechel

### PERSONAL TOUCH

Volunteers from your Team should visit each of these (and other) agencies to offer the leaflet. Show them a copy. Don't rush them. They may want time to read it and discuss its usefulness with superiors. Leave your business card and offer to call in a week. (Have at least 100 copies of the leaflet with you, however. Be able to give them a small supply **on the spot** if they are enthusiastic. You can deliver more as required.

Dress smartly. Make a good impression for your Team. Ensure agencies know REACT is active in improving use of CB radio by the public.

### ROAD SIGNS

Approach **municipal** and **county** officials about erecting CB road signs. **State** officials are unlikely to approve the signs until Washington does. We will keep you informed.

Your Team is entitled to erect its signs at

the entrance to town just as other community service organizations (Lions, Rotary, etc.) do. That guarantees you some sign exposure and is a good way to begin. Find out from other groups what office authorized their signs and contact that office. Be patient. Keep trying. Like many things, it takes time to accomplish but it will be worth the effort. Keep us posted on your successes and difficulties. Thanks.

### PRESS PAYOFF

News releases work. A tip of the PR hat to **United Valley REACT (PA)**. They know.

United Valley REACT issued a news release to local media on its role in a forthcoming regatta. The Team got good coverage with photos, in at least two papers.

Both papers received the same release. Each handled it differently, but the basic facts are there — and correct. United Valley got good press, and a photo of its sharp communications van included in one story.

Great work. Keep it up.



*Who suggested publicizing REACT and educating the CB public anyway? Ron McCracken, Canadian REACT director, prepares to tackle some of the over 425 requests for "Getting Help by CB Radio" from Ontario senior citizens. Many also sought advice on equipment, etc. Each received a reply and a leaflet. Ron will recover.*

### TRAVEL CENTERS

Councils and Teams should keep state/provincial travel centers supplied with REACT's popular "Getting Help by CB Radio". It can save lives.

### POLICE TOO

Make available to all police stations (local and state/provincial) in your area a supply of "Getting Help by CB Radio," too. Community Services offices may be your best contact.

### REMEMBER FCC

Here is another spot to make the REACT leaflet available to the public. FCC personnel may welcome having copies to distribute at speaking engagements, etc.

### USCG STATIONS

Coast Guard officers may welcome your Team's help in educating boaters about correct CB radio use. Offer them a supply of our REACT leaflet.

### Best Western REACT's Newest Corporate Supporter

The mailman delivered a pleasant surprise to REACT Headquarters recently.

Staff opened a letter to discover a clipping from **Best Western's 1989 Travel Guide** and a note requesting more information about REACT. They immediately knew the REACT PR Task Group had been at work again.

The "Travel Guide" is a directory of Best Western hotels worldwide. It also contains safety tips for travelers. REACT director Ron McCracken noted this when he stayed at the Binghamton, NY Best Western. He was there helping NY Teams create a new Council structure for their state.

On his return home, he wrote Best Western with a request that they consider a safety tip to CBers on correct use of CB Emergency Channel 9. That was in May 1987.

Printing deadlines, necessary corporate approvals and other considerations meant the CB tip appears in the "Travel Guide" for the first time this year. It should produce an increase in the number of correct emergency calls police and REACT Teams receive. That will benefit all concerned.

REACT is grateful to Best Western for the concrete support of our safety efforts. We look forward to their continued cooperation in disseminating this vital CB safety information to their guests. Thanks, Best Western.

### Massive REACT Education Venture

Ontario CB operators are the focus of the most intensive REACT education program ever mounted in Canada.

A grant from the Ontario government's impaired driving countermeasure fund has made it all possible. The funds have provided

50,000 copies of a Canadian edition of *Getting Help by CB Radio*.

Already 20,000 copies have been issued to all tourist information centers throughout the province which operate year-round. Seasonal offices will receive supplies next spring as they re-open for the summer.

Another 17,000 copies have been provided to the Ontario Provincial Police. Their public information officers will distribute them at speaking engagements, etc. Copies will also be displayed on literature rack, in OPP detachments province-wide.

Department of Communication (DOC) offices across Ontario are also issuing copies to the public through the cooperation of the DOC Director for Ontario.

"REACT Teams across the province have received supplies of the leaflet for their use, too," Canadian director Ron McCracken noted. "Wherever possible, we have involved Teams in providing the tourist centers with their supplies. This way the Teams benefit from a little local PR and it adds the personal touch that is so important.

Nearly 500 mail requests for the leaflet have resulted from an article in the Ontario government's seniors newspaper. These have produced one new REACT Team and several new Affiliates. At least one Team has reported a new REACT member. McCracken passes names received to the Team (closest) to writers. He also gives writers the address of the Team so the two can make contact.

Increased numbers of successful emergency calls, particularly impaired driving reports, is the goal of the program. Greater awareness of the REACT program and additional members have been bonuses. We'll take them.

## HEADQUARTERS REPORT

### What REACT Intl HQ has done for you this past couple of months.

Period: August, September and October.

- Received approximately 2,000 inquiries from Modern Maturity article. Total to date about 16,000.
- Mailed/answered 8,250 inquiries utilizing 50 hours of volunteer time and 245 hours of staff time.
- An additional 500 inquiries were received from our other articles and advertising.
- As a result, over 200 inquiries have joined REACT.
- Advertising or articles about REACT appeared in the Best Western Hotel Directory (pg. 288), Popular Communications, Family Travel Log, and other sources.
- The National Disasters; Hurricane Hugo, and San Francisco Earthquake resulted in national REACT exposure as 400 or more radio stations carried details of REACT's involvement. Many local Teams indicated they also receive coverage and greater recognition from their local officials.
- Staff processed 88 orders for REACT Teams and members.
- Registered 490 new REACT members and affiliates, and chartered six new Teams. Added the **Dominican Republic** to our list of eight countries with REACT Teams. These figures for August and September only.
- The General Manager attended the Midwest REACT Conference in Wichita, KS and the Nebraska Fall Conference in Grand Island. At these conferences Ron gave a presentation and slide show about REACT membership and results of the survey. Also included was a question and answer period.
- Produced and mailed Team renewals.

**TEAM RENEWALS** have already been mailed to all Teams. If you have not received your 1990 Team renewal package please immediately contact REACT HQ!

All were mailed as follows: Continental USA Teams via bulk mail - Oct 24; North American Teams via 1st class - Oct 20; All others via Air Service - Oct 27.

Each Team renewal package contained:

- 1989/90 Team member (roster) renewal form
- New member add form
- Team information/data form
- Dues computation form
- 1990 Team officer report form
- Complete renewal instructions
- New Team charter update agreement.

**ATTENTION:** Each Team must complete and return the Team Charter Agreement. This updated agreement will not affect your present Team charter number or name, and you do not pay any extra fee. It is merely updating your original charter agreement to today's standard.

This is required of your Team because REACT International, Inc. is recognized as a 501(c)(3) not-for-profit organization and required to maintain certain standards by federal and state laws in our non-profit and

fund raising activities. ALL REACT Teams are included under our 501(c)(3) certificate and we have modified our Team charter agreement from time to time to reflect the full understanding of the agreement between new REACT Teams and REACT International. However, your Team may be one of the Teams who do not have an updated agreement with REACT International.

**IMPORTANT** The Board of Directors has made the signed agreement mandatory in order to renew your Team. It must be signed and returned. If you have any questions, please contact REACT International HQ or your Regional Board representative.

Shakespeare — REACT membership drive contest results are in. See details elsewhere in this issue.

### New computer Donated to REACT HQ

Bob Stone, Director, arranged for an IBM AT compatible to be donated to REACT HQ to replace the aging Tandy 2000 we were using. The new computer is a 286 processor type with extended RAM and 40 meg hard drive. This will enable REACT HQ to increase some of our capabilities and possibly improve service to our members.

More details later.

**REACT HQ has additional office equipment needs** to handle the increased workload in the office and improve service to our members.

For example, we can use a full featured fax machine to handle mail orders, inquiries and messages to news media about REACT's disaster activities. If a member or Team would like to help arrange a tax-deductible donation to REACT HQ, please contact Ron at HQ.

**REACT Logo and Trademark Legal Defense Fund.** We have expended \$3,782 to date in legal costs to defend our name

and logo from infringement. Donations totaling \$2,094 have been received to help offset these costs. At the present time all legal actions have been resolved. We are maintaining a watch over a few reported instances of our logo being used.

**Teams who renew for 1990 will receive the following from REACT International:**

- REACT International Bylaws
- Team charter agreement
- REACT International policies and procedures
- Sheet of REACT logo decals
- REACT supply catalog and order form
- Coverage under REACT International million dollar liability insurance and \$5,000 bond.

**Each renewing member will receive:**

- 1990 REACT International membership card
- Official REACT member decal
- The REACTer (R, J, L) for 1990
- All benefits and privileges provided to members by REACT International.

**IMPORTANT MESSAGE for Teams who are considering not renewing for 1990.**

We realize there are many factors involved to keep a Team together. Should your Team be experiencing problems that affect your Team's ability to renew, we urge you to contact your REACT state Council and/or REACT International immediately. Many times we are able to provide you with the assistance needed to maintain your status as a REACT Team.

Teams who do not renew must follow specific requirements for the return of their Team charter and to dissolve their organization in accordance with the legal stipulations set forth in IRS 501(c)(3) regulations and possible state non-profit organizations.



### Donations Deserve Recognition

LEGAL FUND

\$25 Richard Guthridge, Minnesota

### REACT Memorial Addition

James Short  
Morrow County 74 CBers Club  
#3006

### New Teams Chartered

#4760 St. Thomas REACT, St. Thomas,  
Ontario; 9-13-89

#4761 Kern County REACT, Bakers-  
field, California; 9-20-89

#4762 Renegados REACT de Dorado,  
Dorado Puerto Rico; 10-10-89



## K40 Achievement Awards

## SEAT BELT SAFETY

*continued*

### Study Puts Injury Deaths In Perspective

Nationally, the top five causes of childhood injury deaths per 100,000 are motor vehicle occupant (3.2), drowning (2.8), pedestrian in traffic (2.4), house fire (2.3), homicide (1.9) and falls (0.4). This data, gathered during 1980-1985, is a result of a study published by the *American Journal of Public Health*.

During the six year period studied, motor vehicle deaths dropped 14 percent for all children under 15, however, marked differences were noted among the various age groups.

Motor vehicle deaths outnumber all other types in every state, and motor vehicle occupant deaths are ranked first in 26 states.

### NHTSA Adopts Improvement in Headlamp Standards

Automakers and lighting manufacturers gain flexibility in how they produce motor vehicle headlamps under amendments to a federal safety standard that was published in the Federal Register of May 1, 1989 and became effective May 31.

The National Highway Traffic Safety Administration (NHTSA) said the revision to Federal Motor Vehicle Safety Standard (FMVSS) No. 108, "Lamps, Reflective Devices and Associated Equipment,"

**CONGRATULATIONS!** To the winners for second quarter 1989!

**INDIVIDUAL WINNER:** Team #3791 St. Cloud REACT, St. Cloud, Minnesota, nominated Richard Guthridge, a Team member since 1977. He has served as a board member or officer for seven of those years and also served on the Minnesota State REACT Team Council as a board member or officer for seven years (two of those years as president). In the year from July 1, 1988 to June 30, 1989 he monitored 3564 hours, reaching the milestone of 25,000 hours monitored since 1980. Richard attended all Team meetings and two of four Council meetings during the year.

As Richard approaches his 70th birthday, his enthusiasm and participation in REACT has not diminished. His leadership as a member of our Team is of great value. Richard's main emphasis as a REACT member remains the monitoring of CB Channel 9 and his reported hours of monitoring testifies to dedication to the REACT purpose.

**TEAM MEMBER:** Vanderburgh County REACT #C296, Evansville, Indiana is celebrating their 20th year in November 1989 and is proud of their history of insuring the safety of others. Monitoring Channel 9 is their main objective, achieved through 24-hour monitoring. Strong member participation is reflected in the number of attendees at Team meetings per quarter: 15 out of 17 registered members. The Team has been represented at three of the four State Council meetings. They have a good working relationship with their local authorities, weather bureau, TV and radio stations, and American Red Cross.

"We are proud of our Team. Even though we are not large in numbers, we get the job done when called on. The greatest reward for all our efforts is a thank you for being there."

Isn't there something about your Team or a special member you brag about? Why not tell the rest of REACT? Nominate your Team or an individual member for the K40 Award. Due dates are shown in the "Deadline" section of each REACTer.

### Deadlines

**November** Renewal materials in the mail. If your Team hasn't received yours by the end of the month, contact International office immediately.

**December 1** Deadline to receive January/February REACTer material.

**December 30** Postmark deadline for one "Early Bird" chance in the REACT Renewal Lottery.

**December 31** K40 Award 4th quarter nominations postmark deadline.

**January 31, 1990** Postmark deadline for ALL 1990 Team fees and minimum member dues to be paid. Team charter agreement, officer report and Team data sheet are also due.

**February 1-28, 1990** Late Fee \$10.00 for all Teams' initial renewals postmarked between these dates.

**February 15, 1990** Postmark deadline for all undecided members to renew for 1990 in order to receive the March/April REACTer and be covered under REACT International benefits.

**February 28** Board Field Director nominations due.  
Council expense reimbursement submissions due.

**March 1-31** Late Fee \$20.00 for all Teams' initial renewals postmarked between these dates.

**March 31** K40 Award 1st quarter nominations due.

**April 1 and after** Teams not properly renewed are **dropped** and a new charter fee of \$50.00 is required.

## FEMA Offers Emergency Preparedness Guide

"Millions of Americans Have Experienced Disaster — Are You Prepared?" This is the title of the July 1989 publication offered by the Federal Emergency Management Agency (FEMA). This 18-page booklet reviews the Civil Defense organizations in the country, how they work in times of natural and manmade disasters, and heightens public awareness of the value of such an

organization in their communities. At the end of the brochure is a list of additional "Self-Help" publications such as "In Time of Emergency — A Citizen's Handbook," "Planning For Survival" and "Emergency Preparedness Checklist." An order form is included.

FEMA is responsible for a wide range of

emergency planning and response activities. They work with state and local governments as well as national organizations to help communities plan for emergencies of all types.

"...Are you Prepared?" may be obtained at no cost by writing to: FEMA, P.O. Box 70274, Washington, DC 20024.

## District of Columbia Approved for Major Disaster Assistance

President Bush determined that damages to public property in the District of Columbia caused by intense storms and high winds last June were severe enough to grant an appeal of an earlier request for a major disaster declaration.

The President's decision, reversing a previous denial of federal aid by the Federal Emergency Management Agency on July 8, 1989, makes federal funding available to pay 75 percent of the eligible costs for debris removal, emergency protective measures and the repair or replacement of damaged public facilities.

The agency said the President took the action after FEMA damage reassessments showed that actual cleanup costs exceeded original estimates by more than \$2 million and that a serious threat to public health and safety continued to exist from unprocessed debris and damaged thoroughfares.

The storms, which struck the heavily populated upper northwest section of the District June 14-15, packed wind gusts up to 75 miles per hour that uprooted trees and produced significant amounts of debris, according to damage surveys made shortly after the incident by FEMA and state officials.

## Disaster Funds Authorized for Connecticut

President Bush authorized the release of federal disaster funds to assist Connecticut recover from damages caused by severe storms, high winds and tornadoes which struck the western and south central part of the state July 10.

FEMA reported 635 dwellings in Litchfield and New Haven counties suffered some effects from the storms, including more than 260 residences and about 78 businesses which were either destroyed or heavily damaged. Two deaths were attributed to the disaster.

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## 1990 CONVENTION

# Slated for the Lilac City

JULY 23-27, 1990

The 1990 REACT International Convention will be held in Spokane, Washington July 23-27, 1990. Spokane, the Lilac City, where the residents are friendly, the seasons change distinctively and the quality of life is understated.

Situated along the banks of the beautiful Spokane River in downtown Spokane, Cavanaugh's Inn at the Park and Cavanaugh's River Inn will play host for the 1990 convention. Cavanaugh's Inns provide versatile services because they recognize each guest has different needs, and flexibility is essential to your comfort.

Cavanaugh's Inn at the Park is just a footbridge away from beautiful Riverfront Park, the Convention Center, Opera House, Agriculture/Trade Center and downtown Spokane.

Cavanaugh's modern exercise facilities are available to our guests at either hotel. Enjoy a workout in the weight room, swim some laps in the indoor pool, relax in the spa and sauna, play a match of tennis or head outdoors on the two-mile jogging loop through Riverfront Park.

To cool off, refresh yourself with a splash down the water slide into the Inn at the Park's sculptured swimming lagoon, complete with its own waterfall and poolside swim-up bar.

Anytime is a great time to visit one of the many restaurants and lounges found on-site at the hotels. Inside the five-story atrium of Cavanaugh's Inn at the Park, you'll find the Atrium Cafe and Deli with a tropical atmosphere, delicious deli sandwiches, salads, fresh baked desserts and pastries.

Windows of the Seasons Restaurant at Cavanaugh's Inn at the Park adds elegance to your dining. Overlooking the Spokane River and Riverfront Park, enjoy the cuisine of classic and seasonal favorites prepared to perfection.



Relax and enjoy the view at Cesare's Lounge atop the Executive Wing or dance to the most popular tunes at the Park Place Lounge on the main floor of Cavanaugh's Inn at the Park.

Ripples on the River Restaurant at Cavanaugh's River Inn offers a varied cuisine in a contemporary, comfortable atmosphere along the river. Patio seating is available in the Spring and Summer. And Ripples on the River Lounge features live entertainment and dancing each evening.

Each hotel offers services and access for the handicapped. Several menu items have been approved by the American Heart Association.

Rates for the hotel are as follows:

<b>Cavanaugh's Inn at the Park,</b> W. 303 North River Drive (509) 326-8000	
Main Wing	
Single	\$58 1 person/1 bed.
Main wing	
Double/Double Double	\$65
Exec. Wing	
Single/Double/Double	
Double	\$75
<b>Cavanaugh's River Inn,</b> N. 700 Division, (509) 326-5577	
Single	\$48
Double/Double Double	\$55

Early registration is encouraged. If you are able to register prior to December 31, 1989, you will be eligible for a drawing prize of one night of lodging at Cavanaugh's Inn at the Park.

For more information regarding the 1990 REACT International Convention in Spokane, Washington contact Marv Wyrick at (509) 326-3392 or Walt Mabe at (509) 299-4863. If you would like to contact the hotel directly, you may call toll-free 1-800-THE-INNS in the United States and Canada.

**1990 REACT International Convention**  
Cavanaugh's Inn  
Spokane, Washington  
July 23-27, 1990

Hosted by Spokane County REACT #2904

INFORMATION REQUEST FORM

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Number of Registration Forms Needed: \_\_\_\_\_

MAIL TO: REACT 1990 Convention  
Spokane County REACT  
P.O. Box 912  
Garland Station  
Spokane, WA 99209

REGISTRATION: \$65.00 through May 15;  
\$80.00 after May 15.

# NEW PRODUCTS

## CROSS-NEEDLE SWR/WATTMETER

MFJ Enterprises, Inc. announces the release of a new peak and average reading Cross-Needle SWR/Wattmeter. MFJ-815B lighted Cross-Needle SWR/Wattmeter for only \$69.95.

The MFJ-815B lets you monitor SWR, forward and reflected power — all at a single glance. You can select from two power ranges for forward and reflected power (2000 watts forward and 500 watts reflected or 200 watts forward and 50 watts reflected). It shows you SWR from 1:1 to 8:1.

The MFJ-815B covers 1.8 to 30 MHz with 10% accuracy. Meter light requires 12 VDC or 110 VAC with MFJ-1312, \$12.95.

For more information contact any MPJ dealer or MFJ Enterprises, Inc., P.O. Box 494, Mississippi State, MS 39762.



FOR MORE INFORMATION CIRCLE 1 ON READER SERVICE CARD

## RADIO SHACK TUNED INTO HAM RADIO

Local Radio Shack stores are now a local and convenient source for amateur radio training materials, and amateur radio equipment and supplies. A very popular Gordon West series of Novice, Technician, and General class training books and tapes are available at most Radio Shack stores. These exclusive West-recorded tapes and West-written books make ham radio learning fun, and upgrading a breeze.

**NOTICE:** The Midland Ultra Compact Handheld CB Radio Model #75-795 announced in the July/August 89 *REACTor* has been discontinued.

FOR MORE INFORMATION CIRCLE 2 ON READER SERVICE CARD

## TIARE PUBLICATIONS — NEW CATALOG

Tiare Publications announces their new catalog now available. *Great Radio Reads*, the fall/winter edition has just been released.

The catalog includes information about our just-published *Scanner Listener's Handbook* and features an expanded offering of books and related items from other publishers. It also announces the first annual celebration of "Shortwave Radio Week".

The catalog is available for \$1 from Tiare Publications, P.O. Box 493, Lake Geneva, WI 53147.



The new edition of **ARRL 1990 Handbook** features many new projects, including three high-performance VHF/UHF Yagi antennas by Steve Powlishe, K1FO. The chapter on space communications has been completely revised; now included is current information on OSCAR 13 (Orbiting Satellite Carrying Amateur Radio), and a new 4-element helical array for Mode L (1260-1270 MHz uplink). There is also new information on amplitude-companded single sideband (ACSSB).

The *Handbook* has always been known as a reference for component data and you will find an entire chapter devoted to everything from transmitting tube and transistor specifications to aluminum tubing sizes. You'll find the most up-to-date information on digital communications. The *Handbook* is updated yearly to present the latest RF communications techniques while present-

ing many projects the average Amateur Radio operator can build. The construction projects include:

- Power supplies, keyer and measuring devices
- QRP transmitters and VHF/UHF preamps
- High-performance communications receiver
- High-power HF and VHF amplifiers
- 1296-MHz transverter
- Digital audio memory keyer

The 67th edition of the *ARRL Handbook* was edited by Kirk Kleinschmidt, NT0Z, and contains over 1200 pages and over 2100 tables, figures and charts. The *1990 ARRL Handbook* is available from The American Radio Relay League, 225 Main Street, Newington, CT 06111, USA, for \$23.00 plus shipping and handling (\$4.50 UPS) as well as from many radio and electronics stores and bookstores. Copyright 1989, ISBN No. 0-87259-167-0.



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## REACT Computer Task Group Requests Information

The REACT International Computer Services Task Group has noted the survey done by REACT International indicated that 25% of the membership owns personal computers. The computer task group would like to find out what equipment is used, (brand of computer, size of floppy and hard disks, modems, bulletin boards, etc.) and act as a clearinghouse for REACT team programs. These programs must be non-copyrighted and/or team written.

The task group will begin a convention database to help groups prepare for the convention bids.

If you are interested in helping this task group by letting us know about the computer equipment your Team uses or by sharing software that you have found to be useful, please drop a line to:

George MacDonald, Jr.  
N29W27520 Peninsula Dr.  
Pewaukee, WI 53072

National Capitol REACT, Inc. has made available an IBM compatible computer program to help keep track of team statistics. It is written in Clipper and an EXE file is available to run the program. For more information, drop a line to the above address.

### Volunteers Needed

VOLUNTEERS are like Ford  
They have better ideas!

VOLUNTEERS are like Coke  
They are the Real Thing!

VOLUNTEERS are like PanAm  
They make the going Great!

VOLUNTEERS are like Dial Soap  
They care more,  
don't you wish everybody did!

VOLUNTEERS are like VO5 Hairspray  
Their goodness holds  
in all kinds of weather!

VOLUNTEERS are like Hallmark  
Cards  
They care enough to give the  
very best.

VOLUNTEERS are like Union Pacific  
They can handle it!

VOLUNTEERS are like Frosted Flakes  
They are really GGGreat!

## F E M A N E W S

C O N T I N U E D

### President Grants Maryland's Appeal for Major Disaster Aid

President Bush granted an appeal by Maryland for a major disaster declaration to assist in the recovery from damages to public property caused by severe storms and high winds that struck the state on June 14-15.

According to the agency, the President's

action followed a review of detailed actual cost data compiled by the state and affected local governments which showed potentially eligible recovery costs of \$4.9 million were incurred by Montgomery County and several independent local communities.

### Allison Spawns Year's Third Major Disaster Declaration for Louisiana

Federal disaster aid to help people in southern and southwest Louisiana recover from the effects of Tropical Storm Allison was ordered by President Bush, the third time a major disaster has been declared for the state this year, according to the Federal Emergency Management Agency (FEMA).

The agency said the President took the action after joint federal and state damage surveys revealed some 1,079 homes were either destroyed or heavily damaged by the storm that struck the area with record rainfalls on June 25, causing three deaths and some 20 injuries. Nearly 1,000 other residences and about 180 businesses also sustained some degree of damage, the

survey reports showed.

FEMA Acting Director Robert H. Morris designated the parishes of Allen, Beauregard, East Baton Rouge, Grant, Iberville, Natchitoches, Pointe Coupee, Rapides and Winn eligible for assistance to affected residents and business owners.

Federal disaster aid was previously declared this year for Louisiana on May 20 and June 16 because of storms, tornadoes and flooding that struck the north central and southern portions of the state. More than 2,500 individuals and families in 38 parishes received federal assistance so far as a result of those Presidential declarations, FEMA officials said.

### Texas Declared Major Disaster Area for Third Time This Year

President Bush declared a major disaster exists in Texas for the third time this year after FEMA reported widespread damages to private property caused by Tropical Storm Allison in late June.

The storm struck the southeastern corner of the state on June 25, killed two people, left at least 316 families homeless and caused varying degrees of damage to another 5,179 residences in the counties of

Hardin, Harris, Jasper, Jefferson, Liberty, Newton, Orange, San Jacinto and Tyler.

Earlier major disasters were declared for the state on April 23 and May 19 this year, providing federal aid to 88 counties in East and North Texas which were affected by storms, tornadoes and flooding. FEMA estimated the federal costs for these recoveries at more than \$35 million.

### Disaster Aid Approved for Vermont

President Bush approved federal disaster aid for Vermont to assist in the recovery from damages to public property caused by severe storms and flooding that struck the central part of the state on August 4-5.

The President's major disaster declaration makes supplemental federal funding available to pay 75 percent of the eligible costs for the repair or replacement of damaged

public facilities in the counties of Addison, Caledonia, Essex, Orange and Washington.

Agency officials noted that the declaration for Vermont is the twenty-second signed by the President this year. They estimated that about \$129 million in federal funds have been made available for the previous disasters.

The REACTer is available on audio cassette tape for the blind. Certain conditions and costs are involved.

For more information please contact:

Mr. Robert Faires

Recording for the Blind, Inc.

404 W. 30th Street • Austin, TX 78705 • (512) 477-9390

# REACT AMATEUR RADIO NEWS

## MICROSAT/LUSAT/PACSAT FREQUENCIES

AMSAT-NA has announced that the uplink frequencies for LUSAT will be: 145.840, 145.860, 145.880 and 145.900 MHz; for PACSAT the uplink frequencies will be 145.900, 145.920, 145.940 and 145.960 MHz. Downlink frequencies for LUSAT and PACSAT will be 437.150 and 437.050 MHz respectively. This is Mode JD.

LUSAT/PACSAT uplink and downlink frequencies are located within the portion of

the 2 meter and 70 cm spectrum designated for the "Amateur Satellite Service" which includes 145.800 - 146.000 MHz and 435.000 - 438.000 MHz.

Using Mode JD will allow many OSCAR satellite users to employ the same equipment they have available for Mode B operations. On the uplink, packets can be sent with just a few watts from a 2-meter FM transceiver. Since most amateurs own a 2-

meter FM transceiver and an HF rig, obtaining a 70-cm converter is an easy way to build a "basic" PACSAT station.

Uplinks to LUSAT and PACSAT are located on opposite ends of the subband. This decision was made by the designers in order to avoid having users interfere with each other during the first several months after launch when the satellites will appear in the sky at the same time.

## It's Official: AARL Goes to Court to Challenge FCC's 220-MHz Reallocation Decision

On September 28, ARRL filed a "Petition to Review Agency Order" with the United States Court of Appeals for the District of Columbia Circuit. The petition requests the Court to set aside the FCC reallocation decision in Docket 87-14, and remand the matter to the FCC for rededication.

The petition contains only a brief overview of ARRL's argument that the Commission's action was arbitrary, capricious, an abuse of discretion, and not in accordance with the law; the substance will come later, in the League's statement of issues and pleading.

## Department of Justice files court petition supporting amateur view of 87-14

Acting on behalf of the National Communications System, the Department of Justice has filed a petition in the US Court of Appeals for the DC Circuit requesting that the Court review the FCC decision in Docket 87-14 which denied reconsideration of the 220 MHz reallocation decision. The petition seeks review on the grounds that the FCC action was arbitrary, capricious and an abuse of discretion. It requests that the action be set aside and the matter remanded to the FCC. We will be hearing more of the ARRL suit in the future.

### 1990 DUES ARE DUE

For REACT Team Members NOW through January 31, 1990  
\$17.00 Regular, \$15.00 Family & Junior

## FCC NEWS

### House Adopts Budget Reconciliation Bill with Amateur License Fees; Opposition Builds in Senate

On October 5 the U.S. House of Representatives adopted H.R. 3299, the Omnibus Budget Reconciliation Act of 1989. A Schedule of Charges for the FCC is contained in Section 4701 (a), "Update of Fee Schedule." The bill proposes to amend Section 8 of the Communications Act by adding a new subsection (g) which would include the following:

#### Private Radio Services

##### 7. Amateur License

- New License (per application) \$30.00
- Modification of License (per application) 30.00
- Renewal of License (per application) 30.00
- Reciprocal Permit for Alien Amateur License 30.00
- Renewal or Modification of Amateur Club, Races, or Military Recreation Station License 30.00
- Special Temporary Authority (Initial, Modifications, Extensions) 30.00
- Requests for Waiver
  - Routine (per request) 105.00
  - Nonroutine (per rules section/per station) 105.00

On the Senate side, at press time the Commerce Committee was preparing to introduce its version of the legislation for early floor action. The Senate version

presently includes a \$35 fee for amateur license transactions. ARRL's focus is on seeking an amendment on the Senate floor to eliminate or reduce the fee in line with the policy adopted by the Board.

ARRL members wanting to express their

### FCC Enforcement Actions

In conjunction with the San Francisco FCC Field Office, the U.S. Attorney's Office in Fresno, CA, has initiated a second criminal prosecution against Donnie Ray Johnson, doing business as Red Money Communications in Fresno, CA for marketing of illegal Citizens Band (CB) radio equipment. On August 14, 1989 engineers from the FCC San Francisco Office, along with U.S. Marshals, conducted a search and seized \$2000 worth of illegal CB linear amplifiers.

In 1985, Mr. Johnson was convicted for the same offense and was fined \$5000 and placed on two years probation.

Johnson's prosecution is part of a continuing enforcement program to assure that the FCC ban on manufacturing and selling CB linear amplifiers and other non-type-accepted transmitters is observed. Federal law (47 USC 302(b)) prohibits the marketing and manufacture of such non-compliant electronic equipment. A second conviction for violation of this law carries a maximum fine of \$100,000 and/or two years imprisonment.

opposition to the Amateur radio license fee should urge their Senators to cosponsor such an amendment, and if the amendment succeeds, should urge their Congressman to support the Senate version in the Conference Committee.

In another action, U.S. Marshals and investigators from the San Francisco Office of the FCC seized \$3000 worth of illegal CB radio equipment from the residences of John Robinson, Andrew and Mary Lou Calloway and Ted Green.

The seized equipment included two non-type-accepted transmitters capable of operating on frequencies not authorized for use in the Citizens Radio Service. Also seized were six CB linear amplifiers.

FCC Engineers from the San Francisco Office investigated and identified the locations of the three operators after receiving many complaints of interference to TV and radio reception from their neighbors. Robinson, Calloway and Green repeatedly refused to permit FCC personnel to inspect their CB radio stations. FCC Rules (47 CFR 95.426) require that all CB radio stations be made available for inspection upon request of an authorized FCC official.

In total, \$3200 in fines were issued to Robinson, Calloway and Green.

## Great Looking Base Setups

Since 1965 I have been monitoring CB Ch. 9. Several years back I joined REACT and still tuned in to Ch. 9.

Tom and Darlene Kelly, (S.W.A.T. REACT) Southwestern Assistance Team, #3872 Unit 12. Olean, NY (KNP-6426).

In the photo the top radio to the right is a Dak Mark 10 AM/SSB 40 Ch. C.B. (silver Eagle Desk Mike) base. Right below that is a S-76 all band Hallicrafter receiver. To the top left is a Realistic Navaho AM/SSB 40 Ch. base with a D-104 desk mike. Below that is a Hammarlund HQ-170 Amateur brand radio (KYX5DR) which is a great help when monitoring Ch. 9.

We also have three other radios we monitor for weather, fire, Red Cross, police.

Each radio and emergency monitor has its own antenna, which includes Vect. and Horiz. beams, dipoles, omni ground planes and CCD wire antennas. Makes for an interesting roof top, but we love it and enjoy doing a public service (REACT) for our area and country.

### WANTED: "Great Looking Base Radio Setups."

REACT Members: Send your photo (black/white preferred) along with a list of the equipment shown to the REACTer. We will choose the best appearing photo and include it in the REACTer.



## What is Junior REACT

The International office has received innumerable questions about the Junior REACT Program. Many Teams are recognizing young people as potential members and as the future of REACT, indeed any organization.

A Junior member, by definition in the International bylaws, is "any individual under the age of 18 and whose name is registered with REACT International, Inc. as a paid-up Junior member of the Team." Any further requirements or restrictions are to be best set by your Team. There are as many ways to accept Junior members as there are Teams. Commonly, a Team accepts as Junior members the children of adult Team members. This allows the children to be protected by REACT insurances and to accompany parents to REACT activities. It also provides built-in adult supervision when the children are teamed with their parents. The Team can be prepared with tasks set aside especially for these young people. These tasks are geared to the ages of the Juniors.

Some of the Teams have established a Junior REACT Division. This group functions somewhat separately from the main Team. The Juniors pick their own projects, elect officers and a Board of Director representative, and choose to help the main Team during activities. The Team elects or appoints an adult Team member to function as advisor (coordinator or supervisor) whose job it is to keep the Juniors on track with REACT goals and purposes and Team restrictions.

Your Team may choose to adapt one of these ideas or to work out something in between.

Do not overlook the possibility of accepting an individual Junior member whose family is not associated with REACT. Several Teams are proud of the contributions made by their teenage members.

The Team can set restrictions according to age, grades, school activities, and available adult supervision.

If your Team has been reluctant to work with Juniors, now may be a good time to reconsider.

## Erle REACT Says Think Positive and Your Team Will Move Ahead

President Green supported her teams plan to park cars at the Wattsburg fair to raise money and gain good PR. The fair was for six nights but Ceora Green didn't know the strawberry field was to park over 5,000 cars as well as several other lots she saw. After the first night she called all friends, members and member's families. The PR was worth more than the money and on day four, Ceora Green had all fire and sheriff departments asking her advice. They parked 18,000 cars on night five and helped 54,000 people find their way home. They parked 14,000 cars over the amount ever parked before. This was done during the same time that the Labor Day Coffee Break was going on for four days around the clock. Ceora says, "Think Positive." Erle REACT is now planning how to spend their donations.

Erle Pennsylvania  
Team #4493

## Women in REACT

The Board of Directors has realized that there is a place for women in REACT. Only 20% of REACTers are women. 57% of REACTers are married. We need to get wives involved. We need articles for major women's magazines. This new Task Force needs input from all REACTers. The following letter was sent to me from Texas and I would like to share it with all of you. Send me your ideas to get involved. One suggestion has been that we sponsor a fund raiser for the "legal fund." Let me know how you feel.

I remain REACTively  
Dorothy V. De Poe  
100 N. Richards Ave.  
Somerville, NJ 08876

### "One Woman's Reason to Belong"

I am a 31 year old Christian, wife, mother of 2, nurse, also an Active REACT member. As I pen this I am reminded of a quote "It is a far, far better thing, that I do than I have ever done before." That sums up the way I feel about being a woman in REACT. As a nurse, I deal with life and death situations. I feel as a REACTer they are quite the same. What better thing in life can a woman accomplish than to help other people. Perhaps you have been a team member for a long time and have never really been involved. Because

maybe you feel there is not a job for you as a woman. If so, invent one that you are good at and perfect it. Such as supply chairman, chairman of food or clean-up, newsletter editor, the possibilities are endless. The lyric to a country song goes "The hand that rocks the cradle rules the world." I don't believe women to be better than men, but truly their equal partner in life. A few years ago I battled cancer and when this happens you view life as more present than before. Everyone if they were honest would say they would like to count for something in their lifetime. In REACT as a woman you can go to whatever limits you want to go. If you have questions, there is always someone to answer them. When you belong to a REACT team, they are your second family. As a woman don't let "can't" exist in your vocabulary or your life as a REACTer. Our team is on stand-by at all times to render any type of assistance that we can. At times our men are working when we may be called. I have no doubt that the women of our team could roll out our van and set it up if the need arises. I will leave you with this last thought — to use the Barbie motto "we girls can do anything."

REACTively,  
Debbie Drammell  
Lake Palestine REACT 73129  
Athens, Texas

## Bids to Host 1992 Convention Now Being Accepted

The work of the Site Selection Committee is beginning to become active with the first form request for 1992 being received. In 1990 the Convention will be in Spokane, Wa.; in 1991 the Convention will be in Melbourne, FL, for 1992 the bids are open in the central area. If for some reason one is not accepted in the central area, then it would be open to all areas for bids.

Councils or Areas that want to bid for 1992, please request your bid packages early so you have adequate time to do a

good job and we have enough time to evaluate your bid. We want to be able to recommend the best site possible at the 1990 Convention so your assistance would be greatly appreciated.

Please request your bid package by either calling or writing:  
Site Selection Task Group  
c/o Larry Fry  
833 Cornelia Street  
Janesville, WI 53545-1609  
(or phone) 1-608-752-4547

## 1990 REACT U.K. Convention

1990 REACT U.K. Convention is the 6th to 8th of April at the Mendip Lodge Hotel, Frome, Somerset, England.

The cost will be £80.00 per head. This price based on two people sharing a twin room and includes all meals for the weekend.

Single rooms are available at an increased rate, further details on request.

An early reply would be appreciated to enable us to give the hotel an idea of the numbers attending.

FMI Contact: Fred Robbins, Team Secretary  
Westbury REACT #5031  
24 Edenvale Road  
Westbury, Wiltshire, UK BA133NZ

## ATTENTION: New England Area Teams

Aroostook County REACT #4094 would like to hear from all New England area teams interested in having a regional conference.

Please contact: Jim Koritzky  
Aroostook County REACT #4094  
P.O. Box 2272  
Bangor, Maine 04401-9998

## OOPS . . .

Correction for the September/October 1989 issue of REACTer. Page 24, under Team Events Zumbro Valley REACT should read #4637.



## WORLD BAND RADIO

By R.C. Watts

In my view, the most exciting shortwave listening is on the marine frequencies. Every maritime nation has at least one station, but not all traffic is radio telephone (RT). Most traffic is CW, some form of RTTY or Fax. I stick to RT and (slow) CW, because I don't wish to spend the moderate bucks for hardware/software to decode, display and print the other stuff.

RT will eventually be largely replaced when most of the commercial high seas telephone traffic goes by satellite. The only problem right now is the cost via satellite — about US \$15 per minute. This is what happened to the point-to-point RT stations that handled most trans-oceanic telephone calls. They couldn't compete with the comsats and all those stations have been torn down or abandoned.

The Royal Air Force VOLMET on 11,200 KHz USB has really been booming in here, audible almost all the time. According to QSL form letter it's also on 4,722 KHz. Try also Canadian military VOLMETS; Trenton on the half hour and St. John's at :40 after on 6,763 or 15,035 KHz USB.

Another U.S. shortwave station should be on the air this winter from Guam. This being built by High Adventure Ministries, which already operates KVOH in California and the King of Hope station in South Lebanon. Radio Caroline, the famous pirate station aboard the M/V Ross Revenge, has been closed down by British and Dutch authorities. Radio New Zealand will replace their ancient 7.5 kw transmitter with a new 100 KW unit early in 1990. Should make this friendly station much easier to hear.

The National Association of Broadcasters will be operating an experimental station on 1,620 KHz to test antenna designs. May already be on as I heard a weak signal there the evening of October 1. Lots of other stations coming and going. Hope you hear some of them.

LATE BREAKING INFO: According to Kelly Williams, Staff Engineer of NAB, KA2XXB of Beltsville, MD, should begin testing on 1,660 KHz (not 1,620) by late November. Purpose of the station is to test the Prestholdt VH Antenna, which was proposed by Mr. Prestholdt for control of sky and ground wave emissions. The idea is to reduce nighttime interference while maintaining a station's ground wave coverage.

## ☐ Team Events

**#2037 Peninsula REACT, Newport News, Virginia and #C-53 Tidewater REACT, Portsmouth, VA,** within a week after the violence and unrest along the oceanfront of Virginia Beach, helped Hampton police watch for potential eruptions. A combined effort of 15 Peninsula members, 6 Tidewater members, and 6 Tidewater Alert members used CB, GMRS, and UHF military radio services for a coordinated communications network to provide assistance to the more than 200,000 visitors to the three-day Bay Days event, beginning Friday, September 8. Saturday night several REACT and Alert members noticed 20 to 30 youths overturning two cars in an adjacent parking lot and punching people as they ran. The units advised command base who in turn relayed to the Hampton Police who made the arrests immediately but not without crowd disapproval. With a tense feeling in the air, Hampton Police shut down the carnival section shortly before midnight.

According to Lt. Jim O'Shields, police coordinator for the event, 22 people charged, with minor offenses, during the entire weekend; twelve of the offenders were juveniles. REACT members were helped with over 36 lost children and adults and treated 8 people for injuries when medical units were unavailable.

As Sunday afternoon heat soared, our REACT members conducted communications for eight bicycle races divided into classes and ranging from 10 km to 40 km. Helmeted bicyclists, paced by a police car, hurtled past immobile onlookers who seemed baffled that anybody would willingly exert energy on such a humid day.



*Freddie Freihofer accepts a Distinguished service Award from Bob Snell of Empire Central REACT.*

**#3030 Empire Central REACT, Schenectady, New York,** organizes the annual "Wake Break" which takes place every July 4th holiday on exit 9 northbound on I-87. The Charles Freihofer Baking Company has been involved from the start nine years ago, donating products for us to offer to passing motorists. "It's a very smart idea and a helpful program; we're glad we can help in

this way," commented Al Freihofer, Vice President of Sales and Marketing.

We decided to present Freihofer with a distinguished service award. Without people like the Freihofer Baking Company, no Wake Break would be a success. In the past nine years, our Team has served 81,055 travelers. If just one life was saved because of our efforts, it was all worth it.



A collection of presidents — Texas State REACT Council President Frank Stamps (right) is pictured with three past presidents of the Council. From the left, they are Grady Stevens ('78-80), Richard Pratz ('81-84), and Jerry Jennison ('85-88). They attended the June 1989 Council meeting.



Lake County REACT #C396 (Painesville, Ohio) presents a special hand operated bicycle to Sara Lloy. Sara was born with spina bifida and is unable to use a regular bike. We were able to assist Sara by holding our annual "Stay Awake Break" on I-90 on a holiday weekend. Making the presentation are members (front left to right) Anne Gammel, secretary, and Bev Simon, treasurer, and (back left to right) Bob Cook, vice president, Milton Terrill, president, and Bob Decker, break chairman. Our guest Sara is, of course, center front.

## HURRICANE HUGO

Hurricane Hugo became a deadly force of 140 mph winds and inches of rain that pummeled the southeastern coast of the U.S. after devastating the Caribbean islands.

REACT Teams in Puerto Rico were hit hardest as all eleven teams on the eastern shore felt the full brunt of Hugo. Several of the teams members lost their homes and all equipment. The Puerto Rican Council rallied its eight teams and members on the western shores and traveled east to help them follow teams and numbers. There are almost 300 REACT members in Puerto Rico. Several calls were received at REACT headquarters with offers of assistance. However, all National Disasters Coordinator contacts were already on their way to Puerto Rico. So, the volunteers with equipment were referred to their local Red Cross chapters for arrangements. Once phone contact was restored to Puerto Rico, the REACT council reported all members were ok. However, many had damaged or destroyed homes. Several members who were without their own shelter pitched in to help others before turning to their own needs.

Phone contact to two South Carolina REACT Teams near Charleston found a similar situation of members having damaged or destroyed homes. These teams also received offers of help from REACT Teams in nearby states.

Field Director Rick Munton also experienced the storms' wrath of high winds when almost all of his many tall trees were blown down. Fortunately, all missed his home. Rick was quoted as saying "Firewood anyone?"

The storm traveled up the Coast and turned inland, dropping inches of rain in areas and causing widespread flooding.

REACT Teams along the coasts and the areas affected by Hugo went into action working with their Red Cross, local officials, and other disaster relief groups providing radio communications assistance and manpower.

Throughout most of the storm, REACT headquarters was informed of local team efforts and calls that there were no deaths or serious injuries within our ranks. Quite a few teams commented on the usefulness of the Team Contact Directory as other caring teams contacted them to offer assistance. Even while you read this article another disaster has just struck. California Earthquake of 7.0 on the Richter Scale. More next issue.

### The story of one Team's response

Hurricane "Hugo" roared through South Carolina leaving thousands of families homeless — without food and clothing and SOWEGA REACT #3991 in Bainbridge, GA, heard the call for help. Our town was asked to aid the little town of Bishopville, S.C. (population 5000). With only two days' notice, SOWEGA REACT collected more than a ton

of canned food and supplies for Bishopville. SOWEGA REACT combined the load collected with the city's collection and together a large tractor-trailer load was sent to Bishopville. We are a small team consisting of eleven members, but we stand tall when an emergency arises.



Pictured with the collected food and supplies are (left to right) SOWEGA REACT members Betty J. Smith, Treasurer; Dixie Sanders, Secretary; and, W.E. (Bill) Smith. Members not pictured are: Bill Snyder, Rose Snyder, James Harris, Walter Sanders, Jr., Ken Sumphere, Kim Barrett, Walter Barrett, and Walter Sanders of Sanders Studio, taking the picture.

### Hugo Strikes Caribbean — ARRL Response

Hurricane Hugo, showing wind strengths of up to 140 miles per hour, slammed into the Leeward Islands on September 17 and began its march across the Caribbean toward Puerto Rico. Many of the first reports from the affected islands were from Amateur Radio Stations. Emergency traffic nets were set up and awaited information from these stations on three main 20 meter frequencies.

The ARRL-sponsored International Assistance and Traffic Net (IATN) at 14.303 MHz, the Friendly Caribus Connection on 14.283 MHz, and the International Amateur Radio Network provided front-line communication as amateur stations in the affected areas reported in with damage assessments and assistance needs. The Hurricane Watch Net on 14.325 MHz kept in touch with the storm's progress. A net on 28.450 MHz was also instrumental in providing damage assessment reports from Puerto Rico.

W1AW reverted to an emergency operating schedule on Saturday, September 16. Informational bulletins were sent out and the station monitored on-the-air activity. Field

Services Manager Rick Palm, K1CE, headed up HQ operations. Rick contacted the US Office of Foreign Disaster Aid and the National Red Cross in Washington, DC, to let them know of their availability in preparation for the storm. ANERCOM members Joel Kandel K3AT, of Miami and Geri Sweeney, N4GHI, of Alexandria, Virginia, were also vital in organizing the first ARRL response.

W1AW had the opportunity to check into IATN and the net on 28.450 MHz, which served the needs of Spanish speaking amateurs in Puerto Rico. Contact with the net was maintained for several hours after the net controllers asked for assistance from the US mainland. Wednesday, an emergency network on 28.450 was announced for messages going into Puerto Rico. Health and welfare traffic was also being passed on 14.270 MHz for any affected location. At press time, hurricane-related traffic was also being handled on numerous other frequencies and via packet radio.

*Happy  
Holidays!*

## Helping Your Radio Repair Tech

by Bill Simpson

Radios can be, for REACTers, a somewhat expensive hobby. Think about all the equipment that you own . . . UHF, amateur, CB, plus all the antennas, coax and perhaps even some test equipment in (Volt, OHM meter), SWR meter(s) and specialized tools. You'll find, if you had to replace everything that it would require a significant sum — probably more than \$1,000!

The point is, that you have taken precautions to protect your investment . . . security, insurance, and above all, a good technician. Knowing that you have a good tech is as good as money in the bank, but remember three things: First, even though we are a volunteer organization, and are dependent on our own resources (meaning money), your tech is in business, and dependent on that business to feed, house and clothe his family. He can only give us a limited supply of "freebies." Second, he can't afford to carry too much paper. He's got bills coming due, just like us. Finally, don't presuppose that he has unlimited time to spend with you or on your equipment.

Sure, radios fail, and if you're like I am, you want it operable ASAP. The next time your radio fails, there's a few simple tests you can do that could put you back on the air, and definitely help your tech if and when he finally has to work on it.

### SYMPTOMS TO START WITH:

- **NO POWER SYMPTOM:** Has the battery been charged? Use the VOM to check the voltage across the terminals. If the voltage is low — recharge. Most radios that I've seen like between 9 and 13 volts — check for your Radio Specifications in your manual.
- If no voltage appears across the battery terminals, there probably is a small fuse inside that has failed and should be changed.
- If the battery is charged, insert into the radio and check the voltage across the terminals. This will indicate that the potential (volts) between the positive and negative terminals of the radio is the same as that between the positive and negative terminals of the battery. In other words, the fuse in the radio might be bad. Don't count on checking the positive against a chassis ground — it won't always work!
- Check the terminal connection for corrosion, clean with a pencil eraser or light sandpaper. Also check for proper height and alignment with the battery terminals.

The idea for mobiles is basically the same — make sure that 13.8 volts is available to the radio by checking the "hot" or positive side with the voltmeter. Check the ground against several vehicle chassis point. Check the potential at the radio as well as at the connection. Check fuses, all of them. My son, Ray, probably will never let me forget the time I changed the head on a MOTRAC twice, without checking the fuse.

While you're doing all this checking, take a couple of extra seconds and look at wiring in the car. Make sure the ground connection is tight, and that the hot lead is not in danger of getting pinched and shorting. Check antenna connections at the back of the radio. PL259's can unscrew themselves. Examine the hot lead at the connection to the car — either the fuse panel, the battery or the solenoid.

Even if you have no radio problems, take a few minutes and check your radios before the project season . . . and check again just prior to each project. You may spot a potential problem and bypass the frustration of holding a "dead" radio. Talk to your technician, find out how far he wants you to go in your tests. You may see him only five minutes, but that can be valuable to him.

Next issue we'll look at some antenna problems. In the meantime, your questions can be directed through REACT International, or directly to the GMRS Task Group.

## FEMA Commits Full Resources for Recovery of Hugo Victims

WASHINGTON — The top official for the Federal Emergency Management Agency's (FEMA) disaster assistance operations said that all necessary federal relief resources have been and will continue to be committed to ensure the full recovery of those victimized by Hurricane Hugo.

Grant C. Peterson, associate director for FEMA's State and Local Programs and Support Directorate (SLPS), attributed recent criticism of the agency's relief efforts in the Caribbean and the Carolinas to a misunderstanding of the federal disaster aid process as required by law, including emergency and long-term recovery requirements.

Peterson, terming Hugo as possibly the most devastating U.S. natural disaster this century, charged that critics have overlooked the fact that the laudable emergency

response operations undertaken by the U.S. military and other federal agencies are the direct result of cooperative mission assignments tasked by FEMA.

In addition, he said that despite complaints about burdensome administrative procedures, requests for emergency aid have been processed directly by telephone and in most cases met within a matter of hours.

Peterson also stated that such long-term recovery needs as temporary housing, grants and loans are being made available to affected individuals through the filing of a simple, one-page application form.

Peterson praised the effort being put forth at every level of government and in the private sector, and called for a united front to support the restoration of the devastated areas.

**SAVE  
\$100  
ON REACT  
LIFE  
MEMBERSHIP**

Sign-up before  
January 1, 1990

**SEE PAGE 7**

## CB in Technicolor

At every convention, attendees are asked to chair certain task groups to get certain jobs and goals done. After being on the CB communications task group for 5 years, I felt it was time to chair it.

Our task group will take on several objectives throughout the 89-90 season. If we get more people who wish to help, then the more jobs we can do. Our first task is to complete the 1987 REACTer Index so you can look up and reference any article you wish by topic or team #. Once we get this done, then we can create the '88 and '89 indexes.

Some other tasks we would like to take on are as follows:

- 1) CB product reviews. We are working on some guidelines on how to do a review, your input would be helpful.

- 2) We wish to update our old training guides, possibly creating a new training course to improve REACT International's proficiency and efficiency to the public.

These are just some of many tasks that, if our group can get more help we can get more work done. But we need your help. You don't need to have attended a convention or have been in the group before. All you need is to be willing to do a task for International. Members who have been on the task group before and wish to work on it again, call me. Those who have never attended a convention, or have and had never worked on the task group and wish to, call me too.

If you would like to improve the CB communications in International in any way, shape or form, drop me a note. I am sure if

by "Long Island" Phil

you're willing to work, I can find a task for you. And if you wish to take on a task you feel is in line with our groups' objectives, let me know and I'll be more than happy to help you along with it.

Let me just say in closing, that we in future issues of *The REACTer*, will be updating you as to what is happening.

Until the next thrill-packed episode of *CB in Technicolor*, may the "Rainbow of Life" bring color into your everyday clothes. 73's ...

Phil Treglia  
CB Task Group Leader  
76 W. Fairview  
Valley Stream, NY 11580-5632

## Team Events



Enjoying the outdoors at Puddingstone Lake, San Dimas are Ben Griffiths, President of Tri-City REACT, Lakewood; Larry Luebben, President of Southern California REACT Council and board member of Tri-City; Manolito Te, President of Mabuhay REACT Network, Glendale; and Jesse Mauk, President of Southwestern REACT of San Diego. They were joined by other REACT members of the SCRC for a picnic sponsored by Mabuhay REACT Network.

#4735 Greater Danbury REACT, Danbury, Connecticut, was the subject of a newspaper article. The *News-Times* reporter also quoted Dru Hoge, Coordinator of Disaster Service for the Red Cross: "Folks like REACT members are so valuable to have in a disaster because they can establish communications so quickly, especially when the disaster totally wipes out communications."

Louisville Metro REACT Team C1582 has been in touch with Operation Lifesaver

after seeing a presentation about the program at the Kentucky State REACT Council Convention. A quantity of leaflets were obtained, stamped and arrangements made with AAA Kentucky for distribution to local AAA members. John Mayberry, Team President and member R.C. Watts attended an Operation Lifesaver BBQ picnic at Shelbyville, KY, hosted by Norfolk Southern corporation. Also attending were law enforcement officers, elected officials and a member of the national Operation Lifesaver board of directors.

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The logo may appear in two color, black and orange (see figure 1) or one color

version. There are two styles of logo the most recent triangular (see figure 2) and the hand held mic with REACT to the right (figure 3). Teams may also use the word REACT without logo (figure 4).

NOTE: There are no periods, dashes or other separations between the letters in REACT. All letters are capitalized in equal proportion. REACT is an acronym for Radio Emergency Associated Communications Team(s).

REACT Teams who lapse their charter and members who do not renew must stop their use of our name and logo.

Teams and Councils who wish to produce goods bearing the REACT name and/or logo for resale must obtain permission from REACT International.

The logos printed below can be used as camera ready art for reproduction. Be sure to check them against your current logo use and correct if needed. Please discard all old logo sheets.

Figure 1: Two color



Orange



Black

Figure 2: One color



Black shaded area may be printed solid

Figure 3: Two color



Orange



Black

Figure 3: One color



Figure 4: One color



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