A photograph of the St. Louis Cathedral in New Orleans, Louisiana, at night. The cathedral is illuminated with warm yellow lights, highlighting its white facade and two prominent dark spires. In the foreground, a bronze equestrian statue of a man on a horse is visible, along with several glowing street lamps and some foliage. The sky is a deep blue.

Official Program

APCO's

59th

Conference

& Exposition

August 8-12

New Orleans,

Louisiana

The 59th
APCO
Conference
&
Exposition

August 8 - 12, 1993

Louisiana Superdome
Hyatt Regency Hotel
New Orleans, Louisiana



Joe A. Gilbert
Conference Chairman

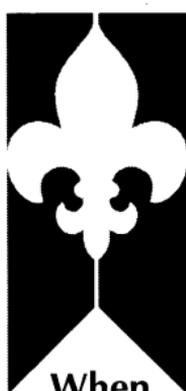
APCO Board of Officers

John S. Powell, President
Frank L. Huggins, President-Elect
Steven H. Proctor, First Vice President
Ross A. Morris, Second Vice President

Ronnie Rand
Executive Director

Index

Louisiana Chapter Welcome Letter	4
New Orleans Mayor's Welcome Letter	5
Opening Breakfast	7
MANAPCO Night	7
Closing Banquet	7
General Information.....	8 and 9
APCO Chapter Meeting Notices	9
Special Activities Schedule	10
Exhibit Information	11
General Business Sessions	12
Hotel Phone Numbers	12
Louisiana Chapter Conference Committee Chairs	13
Contributing Sponsors.....	14
Helpful Phone Numbers	14
City of New Orleans Information	15
Seminars/Events Descriptions.....	16
Program Presenters	44
Exhibit Hall Map.....	46
Exhibitors and Booth Numbers	46 to 51
Personal Daily Guide.....	52
Program Schedule Grid.....	54
Amateur Radio Information.....	63



**When
Duty Calls:
Courage,
Valor and Service.**

**When Leisure Calls:
"Laissez les bon temps rouler!"**

The Louisiana Chapter's Conference Logo and Slogan

About this Program Pocket Guide

There are some new sections and new ways of listing events in this year's guide. We hope you find them helpful. For one, we've added an index (opposite page) to help you find the different sections of the guide. The guide includes a day-by-day, hour-by-hour listing of seminars and their topics. New this year is a Personal Daily Guide on Page 50. There is room in it to write in your "must attend" seminars on a hourly/daily basis.

There is an exhibit hall map and list of exhibitors' booth numbers on Page 44. On the exhibitors list, you might want to mark the "must see" booths, or perhaps circle the booths on the map, but we hope you will find time to look at all the exhibits. On Tuesday, there are no seminars from 10 a.m. to 1 p.m. so that you can browse the exhibit hall without missing a seminar. A cash food court will be available for lunch in the exhibit hall. The New Orleans Centre Mall food court is attached to the Hyatt Hotel, and the Hyatt Courtyard and Le Cafe are on the third level of the hotel. And on both days of the exhibits, Tuesday and Wednesday, there will be entertainment (see Page 11). Check each day's listing in the guide for the times. And on Wednesday afternoon, there will be prize drawings (see Page 11).

Something else new this year ... a circle -- ○ -- at the beginning of each seminar's description, which might help you organize each day's activities. You might want to fill in the circles, color-coding them for easy reference, or put an "x" or check mark through the circles of the sessions you want to attend.

Also, the listings for the general business sessions, the opening breakfast, MANAPCO Night, closing banquet and other special events can be found quickly by looking for these symbols ☞★★★★ at the beginning of the events' descriptions in this guide.

There is a "grid" in the back of this guide showing day-by-day and hour-by-hour what's happening at the conference.

We hope these additions make it easier using this guide to find your way through the Conference & Exposition. We welcome any comments and suggestions for improvements.

Ann M. Armitage, APCO Conference Manager
Pat Daniels, Assistant Conference Manager
Kevin Duffy, APCO Institute Director
Alan W. Chase, Guide Editor/Designer

Laissez les bon temps rouler!



**The 59th APCO
Conference & Exposition**
New Orleans • August 8-12, 1993
Louisiana Superdome



Joe Gilbert,
Conference Chairman
New Orleans
Fire Department

When Duty Calls:
Courage, Valor & Service.
When Leisure Calls:
"Laissez Les Bon
Temps Rouler"

**Louisiana
Chapter**

Arrangements
Bryan Giddings
Steve Winters

Registration
Stuart Carroll

Program
Cyndi Wolfe

MANAPCO
J. Lou Alesich

Entertainment
Anthony Turley

Security
James
Treadaway

**Special
Activities**
Dennis Hock,
and
Michaele
Barthelemy

Lodging
Dee Sutton

Transportation
Bob Gostl

Volunteers
Richard Jackson

Banquet
Linda
Paternostro

Publicity
William Cotter

Finance
Bill Vincent

Exhibits
David Solieau,
and
Travis St. Pierre

August 1993

Bonjour Mon Ami!

The Louisiana Chapter of APCO and the 1993 Conference Committee are proud to host the 59th APCO Conference & Exposition in New Orleans.

This year, the Annual Meeting of our Association will concentrate on education and networking, as well as a record-breaking exposition.

We have been preparing for this week for a long time, and we have worked hard to make sure you will be satisfied with the many facets of this Conference.

The presentations and seminars you will be attending will give you an abundance of topics to choose from. You will have the unique opportunity to view public safety products and services from the playing field of the Louisiana Superdome, home of the New Orleans Saints. And, you will meet many persons in the public safety profession from the United States and abroad who have the same goals, problems and solutions you have -- take the time to exchange your ideas with them.

New Orleans is a city set apart from any other. The City is old, yet full of life; its people are friendly, and its food is fabulous. New Orleans will get into your blood, so save some time from your busy conference schedule to get to know her -- she will not disappoint you!

Welcome to the Big Easy!

Laissez Les Bon Temps Rouler



Joseph A. Gilbert
1993 APCO
Conference
Chairman



City of New Orleans

Sidney J. Barthelemy
Mayor

*Welcome
to
New Orleans*

As Mayor of the City of New Orleans, I would like to extend a warm welcome to all of the members and guests of the Associated Public-Safety Communications Officers as you gather in our beautiful city for your 59th annual conference and exposition August 8-13, 1993.

The citizens of New Orleans are pleased that you have chosen the Crescent City as your meeting place. We are delighted to have such a distinguished and diverse group of public safety communications officers gathering in our community. We hope that our city proves to be an interesting backdrop to your productive conference which will result in a lively exchange of communication ideas. I am proud that the Louisiana chapter will host your visit to our city and has put together a dynamic conference.

Although you will be spending the majority of your time attending events pertinent to your annual conference, I invite you to take time to tour the many attractions and sites for which New Orleans is famous. Our city is filled with many unique cultures and traditions. From the majestic shores of Lake Pontchartrain to the banks of the Mississippi River, from crawfish etouffe to beignets and café au lait, from Bourbon Street high life to Garden District tranquility, New Orleans is like no city on earth. Our friendly people, rich history, tantalizing food and one-of-a-kind hospitality will not fail to delight you.

Once again, on behalf of the citizens of our great city, I hope your stay is both pleasurable and memorable. We hope to see you back again in the future!

Sincerely,


Sidney J. Barthelemy
Mayor

PROCLAMATION

CITY OF NEW ORLEANS

WHEREAS, the Associated Public-Safety Communications Officers is having its 59th Conference and Exposition in New Orleans, August 8-13, 1993; and

WHEREAS, the public safety agencies of fire, police and emergency medical services safeguard the health and well-being of our citizens and their property; and

WHEREAS, the public safety communications officers dedicate their knowledge and skills to the advancement and betterment of human welfare; and

WHEREAS, public safety communications officers have a long tradition of quality and dedicated service that goes above and beyond the call of duty.

NOW, THEREFORE, I, SIDNEY J. BARTHELEMY, by the authority vested in me as Mayor of the City of New Orleans, Louisiana, do hereby proclaim August 8 through 13, 1993 as:

PUBLIC SAFETY COMMUNICATIONS OFFICERS WEEK

in New Orleans, and encourage the citizens of this great city to join me in saluting the Associated Public-Safety Communications Officers.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the City of New Orleans, Louisiana, to be affixed this 8th day of August, 1993.



Sidney J. Barthelmy
Sidney J. Barthelmy
Mayor

Special Functions

Opening Breakfast • Keynote Address

Monday • 8 a.m. • Hyatt Hotel Ballrooms D-H

This sit-down, served-at-your-table meal officially opens the Conference. After everyone has finished eating, a Keynote Address will be given. **IMPORTANT: You must wear your registration badge and present your meal ticket at the door.**

MANAPCO Night

Tuesday • 6 p.m. • Aquarium of the Americas

This year's evening provided by the Conference's exhibiting companies will include entertainment and finger foods, as well as free access to the Aquarium of the Americas exhibits. Bus service to the Aquarium is scheduled to start running at 6 p.m. from each of the Conference hotels, and buses will return to the hotels after the event.

- Finger foods will be served under the portico of the Aquarium. Seating areas will be provided both indoors and outdoors along the riverfront side of the facility. Within that area will be two stages on which music and other entertainment will be provided from 7 to 10 p.m. The music will include a 1950s-style New Orleans rhythm and blues revue along with some island rhythms.

- For the adventurous type, a voodoo priestess will read palms and perform rituals. And, if you've never been on a riverboat, the paddlewheeler Creole Queen will be dockside during the evening to offer its charm and comfort. Also, a four-piece jazz band will provide a taste of the French Quarter, which is, by the way, just two blocks from the Aquarium.

- Cash bars will be throughout the area. Creole snacks will be served starting at 7 p.m. and include spicy cajun shrimp creole, South Louisiana chicken and sausage jambalaya, New Orleans-style po-boy sandwiches, creamy cole slaw and cajun potato salad. For those wishing to start the evening early, the gates will open at 6:30 p.m. where you may enjoy the sounds of the Gospel Soul Children at the Canal Street entrance to the Aquarium. **IMPORTANT: You must wear your registration badge and present your meal ticket at the gate.**

Closing Banquet

**Thursday, Reception: 6:30 p.m. Hyatt Ballroom Foyer
Banquet: 7:30 p.m. Ballrooms A-E**

A cash-bar reception will begin at 6:30 p.m., followed by dinner at 7:30 p.m. The International Telecommunicator of the Year Award will be presented at the banquet. All other awards and presentations will be made during the general business session on Monday, instead of during the banquet. **IMPORTANT: You must wear your registration badge and present your meal ticket at the door.**

General Information

☆ Shuttle Information

Information about the shuttle between hotels and the Superdome is available in the APCO Registration Area of the Superdome, Gate C, Loge Level, and in the registration and information area of each hotel lobby.

☆ Conference Committee Command Center

The Louisiana Chapter Conference Committee will staff an office in the Superdome Star Suites, Bottom Floor, Gate C. The office will be open from 7 a.m. to 5 p.m. daily.

☆ APCO Office

The APCO Conference Department office will be in the Superdome Star Suites, Bottom Floor, Gate C. It will be open from 7 a.m. to 5 p.m. daily.

☆ Speaker Ready Room

All Conference program presenters should report to the speaker ready room after registering at the Registration Booth. The room is on the Superdome's Loge Level, Gate C, Rooms 3, 4 and 5. It will be open from 7:30 a.m. to 5 p.m. daily. Personnel will be on hand to provide information for speakers.

☆ Lost and Found • Message Center

You may get information, report lost articles or bring found articles to the Loge Level, Gate C. Messages for persons attending the Conference may be picked up or left at the Superdome's Loge Level, Gate C.

☆ Amateur Radio Communications

Several repeaters are available for Amateur Operators within the New Orleans area. Included are 10 meters, 6 meters, 2 meters, 70 centimeters and packet frequencies. See Page 63 for the list of specific frequencies.

☆ 9-1-1 Day in New Orleans

8 a.m. to 5 p.m. Tuesday • Superdome Room 7

There will be an information exchange area for those who are involved in 9-1-1 implementation, maintenance or management. Stop in several times during the day to share your experiences and concerns about 9-1-1 with APCO 9-1-1 Committee members who will be available to discuss topics of their specific areas of expertise in 9-1-1 emergency telephone service.

☆ News Media Room

News releases and information packets on new products being introduced at the Exposition may be left in the News Media Room. Visiting members of the news media may use this room for interviews. The room is on the Superdome's Loge Level, Rooms 8 and 9.

General Information

APCO Chapter Program Highlights

✓ **APCO Chapter Membership and Marketing Workshop**

Tuesday, 3 to 5 p.m. - Superdome Room 10

This session is designed for APCO Chapter leaders and members of the APCO Activities & Membership Committee. An overview of the Association's membership and marketing plans will be presented, along with tips on applying sound marketing principles and idea-sharing.

✓ **APCO Meets the APCO Member**

Wednesday, 2 to 3 p.m. - Superdome Room 10

This meeting will allow APCO members to meet with the Board of Officers, the Executive Director and Headquarters staff members to exchange ideas and ask/answer questions.

✓ **New APCO Member Orientation**

Wednesday, 3 to 4 p.m. - Superdome Room 10

This session is designed to give the new APCO member an overview of the programs, services and products offered by APCO, the APCO Institute and APCO Automated Frequency Coordination, Inc.

✓ **APCO Political Action Workshop**

Thursday, 1 to 3 p.m. - Superdome Room 6

The workshop's goal is to develop effective, long- and short-range political action plans for each APCO Chapter. Through a series of situational examples, Chapter members will receive hands-on training for use in coordinating political action "flow down" at community and local levels of government.

✓ **Hosting an APCO Conference**

Thursday, 2 to 3 p.m. - Superdome Room 3

Valuable information will be provided for APCO Chapter members who are interested in hosting an APCO Conference & Exposition or a Regional Conference in the future. This information also can be applied to local Chapter conferences.

APCO Chapter Meeting Notices

☆ **Mid-Eastern Chapter** *Tuesday, 2-4 p.m. Superdome Room 4*

☆ **Michigan Chapter Detroit Conference Committee Meeting**
Wednesday, 5 p.m. - Hyatt Hotel Peachtree Room

☆ **N. Carolina Chapter** *Monday, 4-5 p.m. Superdome Rm. 6*

☆ **Arizona Chapter** *Tuesday, 2-3 p.m. Superdome Room 10*

☆ **Atlantic Chapter** *Tuesday, 4-5 p.m. Superdome Room 7*

☆ **Minnesota Chapter** *Tuesday, 4 p.m. Superdome Room 8*

Check the APCO Message Board in the Superdome Registration Area, Loge Level, Gate C, for additional meetings.

Special Activities Program

Orientation

An orientation session will begin at 10 a.m. Monday in the APCO Special Activity room, Hyatt Hotel Ballroom C, immediately after the Opening Breakfast. Only those who have paid for the Special Activity Tour Package will be admitted to the Special Activity Room. ALL TOURS WILL DEPART FROM THE HYATT HOTEL. Please gather in the Special Activity Room of the Hyatt Hotel 15 minutes prior to tour departure times. Buses will be used. Other per capita tours (public) departing from hotels will be sold at a discount rate. Tickets may be purchased in the Special Activity Room of the Hyatt Hotel.

Daily Schedule

Monday - City Highlights - assemble in the Special Activity Room of the Hyatt at 12:45 p.m. Length of tour about four hours. Handicapped accessible.

Tuesday - C'Este La Vie on the Bayou - assemble in the Special Activity Room of the Hyatt at 8:45 a.m. Length of tour through Louisiana's Cajun country on a swamp boat about three hours. Handicapped accessible.

Wednesday - Plantations on the Lower Mississippi Valley - assemble in the Special Activity Room of the Hyatt at 8:45 a.m. Length of tour about four hours. Only the first floors of the plantation are handicapped accessible.

Guest must notify Crescent City Consultants, the tour providers, at their desk in the Hyatt Regency prior to the tours if a handicapped-accessible bus will be needed.

Motor Home, RV Parking

At the Downtown Heliport, 1550 Julia St., opposite Gate E of the Superdome. Five minutes from the French Quarter, Riverwalk and the Aquarium of the Americas. One block to a bus route. Self-contained vehicles only. The Heliport is NOT a camp ground. There are no water or electrical hook-ups, drains or dumping facilities. Limited spaces. \$25 overnight, \$5 during the day. For more information, call Norman Umholtz at (504) 586-0055.

Conference Seminar Audio Tapes for Sale

Most of the Conference program presentations will be recorded on audio cassettes for sale. Look for the E.A.R.S. company recording order forms at the E.A.R.S. Office, Superdome Loge Level, Gate C, Room 2, and at the registration booth. Order blanks also will be printed in future issues of the APCO Bulletin.

Exhibit Hours & Information

Grand Opening of Exhibits

Tuesday, August 10

10 a.m.

Superdome Playing Field, Main Arena, Gate A

Concession stands and eating areas will be available in the exhibit hall during exhibit hours.

- **Tuesday: Exhibits Open 10 a.m. to 5 p.m.**
- **Wednesday: Exhibits Open 10 a.m. to 5 p.m.**

Information on the latest products and services will be available at the more than 375 booths staffed by more than 180 companies. There are no seminars from 10 a.m. to 1 p.m. on Tuesday so you can browse the exhibit hall without conflicts. APCO Commercial Advisory Committee members wearing special ribbons on their badges will assist with questions or concerns about the commercial exhibits. Please contact any of them for assistance.

• Entertainment in the Exhibit Hall:

On Tuesday, a jazz band will play from 10 to 11 a.m. The Mardi Gras "Big Head" characters will be in the hall from 11 a.m. to noon. And there will be some "clowning around" by a clown from 2 to 4 p.m.

On Wednesday, Executive Director Ronnie Rand and other APCO members will be jammin' on stage in the exhibit hall with all kinds of bluegrass musical instruments from 10 a.m. to 1 p.m. Also, there will be a magician in the hall from 10 a.m. to 2 p.m. and a mime from noon to 2 p.m.

• Special Drawings in the Exhibit Hall:

There will be a drawing for a complimentary round-trip Delta Air Lines ticket at 2 p.m. Wednesday. Other drawings for other items also will be held Wednesday. Drop your business cards in the bowl located at the APCO Booth in the Superdome Registration area, Loge Level. The drawings will be made from those business cards.

1992-1993 APCO Commercial Advisory Committee Officers

Robert Brown, CAC Chairman, of Motorola C&E, Inc..
Steve Frost, CAC Vice Chairman, of Gamber Johnson
Scott Henderson, CAC Secretary, of Midland LMR
Joe Gallelli, CAC Treasurer, of RAM Mobile Data, Inc.

Other Important Information

General Business Sessions

This year, there will be two instead of three on Monday and Wednesday. There will be no business session on Thursday. Each will be held in the Hyatt Regency Hotel.

✓ **Monday, 10 a.m. to Noon • Hyatt - Woody Herman Room**

The Executive Director will give his annual report and the Board of Officers will address the quorum. The Nominating Committee will present its report on those seeking election to the Board of Officers. Also, all awards and presentations will be made at this session instead of during the banquet . . . except the International Telecommunicator of the Year Award will be presented at the banquet. After the business session ends, there will be a question and answer session with the candidates.

✓ **Wednesday, 8 to 10 a.m. • Hyatt - Woody Herman Room**

This session will include the election of the members of the APCO Board of Officers for the 1993-94 year. The quorum also will vote on the resolutions proposing changes to the APCO Constitution & Bylaws.

Pink Ribbons

After attending a few conferences, attendees get familiar with the meaning of the various colors of ribbons attached to the registration badges. This year, there is a new one, bright pink! These are VIP ribbons. The persons wearing them are attending their first APCO Conference & Exposition. There will be a reception for them from 4 to 6 p.m. on Monday in the Superdome Cafeteria Lounge, where they will have an opportunity to talk with the Board of Officers, the Executive Director, APCO Headquarters staff and members of the Conference Committee. Admission limited to only those with pink ribbons.

Attendees Lists

No printed attendee lists will be distributed at the banquet this year. Exhibitors will be provided a printed copy at no charge when final reports are completed later in August.

Hotel Phone Numbers

To make it easier for you to contact colleagues at other hotels, here are the addresses and phone numbers of the four Conference hotels:

Hyatt Regency, Poydras at Loyola Ave.561-1234

Inter-Continental525-5566

Clarion Hotel522-4500

Holiday Inn581-1600

Louisiana Chapter Conference Committee Chairs

Conference Chairman

Joe A. Gilbert of the New Orleans Fire Department

Arrangements: Co-Chair Bryan K. Giddings
Co-Chair Steve Winters
of the New Orleans Office of Emergency Management

Registration: Stuart Carroll of the Orleans Parish
Communications District

Program: Cyndi Wolfe of the East Baton Rouge
Communications District

Exhibits: Co-Chair David Soileau
Co-Chair Travis St. Pierre of St. James Parish 9-1-1

MANAPCO: J. Lou Alesich of Motorola, Inc.

Entertainment: Anthony Turley of the New Orleans
Fire Department

Security: James Treadaway of the New Orleans
Police Department

Special Activities: Co-Chair Dennis Hock of Ericsson
GE Mobile Communications
Co-Chair Michael Barthelmy,
First Lady of the City of New Orleans,
wife of Mayor Sidney J. BarthelemyFinan

Finance: Bill Vincent of the Lafayette Parish
Communications

Lodging: Dee Sutton
of the U.S. Department of the Navy

Transportation: Bob Gostl of the New Orleans
Police Department

Volunteers: Richard Jackson of the New Orleans
Fire Department

Banquet: Linda Paternostro of the New Orleans
Fire Department

Publicity: William "Bill" Cotter of the New Orleans
Aviation Board

Contributing Sponsors

59th APCO Conference & Exposition

A special note of thanks goes to the following companies, organizations and individuals who generously contributed to the success of the 1993 Conference in New Orleans:

Alcatel Network Systems
Bell Atlantic
City of New Orleans
Coded Communications
Ericsson GE Mobile Communications
Fluor Daniels
Greater New Orleans Tourist & Convention
Commission, Inc.
Hayes, Seay, Mattern & Mattern, Inc.
Intergraph Corporation
Motorola C&E, Inc.
PRC Public Sector, Inc.
SCC/Tandem

Phone Numbers

Police non-emergency phone number ... 821-2222

Fire non-emergency phone number ... 581-3473

Taxicabs:

Checker Yellow Cab	923-2411
Liberty Bell Taxicab Co.	822-5974
United Cab, Inc.	522-9771
White Fleet Cab	948-6605

Bus/Streetcar Information: 569-2700

Tourist Bureau 566-5031

Public Transportation:

RTA RideLine 569-2700

Credit Cards (lost or stolen):

American Express	800-528-2121
Discover Card	800-858-5588
MasterCard	800-826-2181
VISA	800-336-8472

Travelers Checks (lost or stolen)

American Express	800-221-7282
BankAmerica	800-227-3460
VISA	800-227-6811

National Weather Info: 465-9212

Helpful Information

☆ Persons staying in the Hyatt Regency Hotel, and other conference attendees as well, will be seeing a lot of New Orleans Centre. It's a 34,000-square-foot atrium featuring numerous fine stores and cafes, and it connects the Hyatt with the Louisiana Superdome. The Centre has its own pay-parking facility at the LaSalle Street entrance. The shops are open 10 a.m. to 9:30 p.m. Monday through Saturday, and noon to 6 p.m. on Sunday.

☆ The Riverwalk Marketplace, on the Mississippi at Poydras, Canal and Julia streets, offers more than 140 specialty shops, restaurants and entertainment. It is easily reached via Canal Street public transportation. It is open from 10 a.m. to 9 p.m. Monday through Thursday, from 10 a.m. to 10 p.m. Friday and Saturday, and 11 a.m. to 7 p.m. on Sunday.

☆ Park Smart in the Crescent City ... If you have a question about parking, call 826-1900. If you get a parking ticket, you must pay the appropriate fine within 15 days in order to avoid a late penalty. Don't Get Carried Away ... Your vehicle can be towed away when several parking restrictions are enforced throughout New Orleans. To confirm whether your car was towed and how much you must pay, call the Claiborne Auto Pound, 565-7450, or go in person to 400 N. Claiborne Ave.

☆ City ordinances prohibit the carrying of open glass or metal containers on any New Orleans public street or sidewalk. This applies to soft drinks as well as alcoholic beverages.

☆ New Orleans Clear Air Act requires restaurants that seat more than 50 customers to separate smokers and non-smokers, with at least half the area reserved for non-smokers. It also prohibits smoking on public transportation and in elevators, schools, libraries, museums, theater lobbies, public restrooms, service and check-out lines, sports arenas, waiting areas and most sections of hospitals and clinics.

☆ Unlimited Rides with an RTA Pass ... Board any streetcar or bus with an RTA Pass -- for information about service or passes, check with your hotel or call 569-2700.



Conference Timetable & Seminar Descriptions

Saturday, August 7

○ APCO Board of Officers Meeting

8:30 a.m. to 5 p.m. • Hyatt - Rosedown Room

○ Conference Committee Volunteer Training

9 a.m. - 5 p.m. • Hyatt Hotel - Peachtree Room

○ Conference Committee Pre-Con

10 a.m. • Hyatt Hotel - Peachtree Room

○ Registration Begins

1 to 6 p.m. • Superdome, Gate C, Loge Level

Avoid the rush on Monday morning. Register Saturday. Gate C is on the LaSalle Street side of the Superdome.

○ APCO Institute Board of Directors Meeting

1 to 3 p.m. • Hyatt - Burgundy B

Led by: APCO President-Elect Frank Huggins

APCO members are invited to silently observe the Board of Directors of the Association's Institute subsidiary as it conducts its annual meeting.

○ APCO AFC Board of Directors Meeting

1 to 3 p.m. • Hyatt - Burgundy A

Led by: Ali Shahnami, Director, APCO AFC

APCO members are invited to silently observe the Board of Directors of the Association's Automated Frequency Coordination (AFC) subsidiary as it conducts its annual meeting.

○ Communications Training Officer Course

Saturday through Thursday • Superdome Room 1

Presented by: Dave Bubb, APCO Institute Instructor

This course will be presented in conjunction with the APCO Conference. Special tuition rate includes a full registration to the Conference.

**○ Intelligent Mobile Data Networks
Promise Critical Link for Public Safety**

2 to 3 p.m. • Superdome Room 8

Information Systems

Presented by: Charles Taylor of Pinpoint Communications

Intelligent mobile data networks help automate the many processes involved in locating, communicating with and managing law-enforcement fleets. Technologies that integrate AVL and mobile data communications provide a critical link between the public and law enforcement officers and dispatchers.

○ The Changing Radio Environment

2 to 3 p.m. • Superdome Room 6

Technical

Presented by: Chuck Sackley of Motorola, Inc.

Radios will not need to be thrown away as you change system features ... simply upgrade with new software. Software flexibility will be discussed, related to extending the life of your future radio investment by having one radio capable of meeting the many needs of many public safety applications.

○ APCO Mid-Eastern Chapter Meeting

2 to 4 p.m. • Superdome Room 4

The Mid-Eastern Chapter includes APCO members residing in Maryland, Delaware and the District of Columbia.

○ APCO Arizona Chapter Meeting

2 to 3 p.m. • Superdome Room 4

Arizona Chapter members are encouraged to attend this important meeting.

**○ Planning and Implementing a Regional
800 MHz Radio System**

3 to 4 p.m. • Superdome Room 9

Management

Presented by: Michael P. Thayer of The Warner Group

The major issues that must be addressed when a comprehensive regional communications system is developed will be discussed. Case studies will be examined.

For All Your Training Needs ...

Including Self-Study Courses

Call the APCO Institute

800-949-2726

○ Mobile Data: Trunked or Conventional?

3 to 4 p.m. • Superdome Room 6

Technical

*Presented by: Bruce McPherson
of RAM Communications Consultants, Inc.*

The usage of mobile data on both trunked and conventional systems, advantages and disadvantages of each approach will be addressed. Discussion will include access times, loading capabilities, cost considerations and the impact of mixed voice/data and channel usage with actual experiences cited and compared. Implications of future digital radios in supporting mobile data systems in both trunked and conventional models will be discussed.

○ Job Task Analysis: How, Why and When?

3 to 5 p.m. • Superdome Room 1

Training

Presented by: Kevin Duffy, APCO Institute Director

This session will explore the why job task analyses are done, how they are done and when they are appropriate. Attendees will participate in a mock JTA process.

○ 9-1-1 in the PBX Environment

3 to 5 p.m. • Superdome Room 5

9-1-1

*Presented by: Thera Bradshaw, Co-Chair
of the APCO 9-1-1 Committee*

The installation and use of 9-1-1 in a PBX system will be discussed.

**○ APCO Chapter Membership
and Marketing Workshop**

3 to 5 p.m. • Superdome Room 10

All

*Presented by: Kevin Hudson, APCO Membership
and Marketing Manager*

This session is designed for APCO Chapter leaders and members of the APCO Activities and Membership Committee. An overview of the Association's membership and marketing plans will be presented, along with tips on applying sound marketing principles and idea-sharing.

**○ Advanced Audio Processing
for 2-Way Radio Systems**

4 to 5 p.m. • Superdome Room 6

Technical

Presented by: W. Eric Broviak of 800 Communications

The fact that most public safety systems do not use the full amount of modulation available to them will be the focus of

this seminar. It will examine and explain techniques using audio examples for support. Both simplex and repeater system examples will be explained in enough detail that attendees can return home and apply the concepts.

○ APCO Atlantic Chapter Meeting

4 to 5 p.m. • Superdome Room 7

All Atlantic Chapter members are encouraged to attend this important meeting. The Atlantic Chapter includes New York, New Jersey, Massachusetts, Connecticut, Rhode Island, Vermont, New Hampshire and Maine.

 **★★★★ MANAPCO Night ★★★★★**

6 p.m. • Buses begin loading at each Conference hotel.

Buses will load at 6 p.m. at each hotel for the short ride to the Aquarium of the Americas where the exhibiting companies will sponsor an evening of entertainment and refreshments.

IMPORTANT: Those attending must wear their registration badges and present the MANAPCO Night ticket to be admitted. Persons wearing ribbons with the words "MANAPCO Host" attached are representatives of the exhibiting companies sponsoring this event. Don't be bashful, talk to them and thank them for this annual social event.

Wednesday, August 11

☆ Registration

7 a.m. to 6 p.m.

Superdome, LaSalle Street • Gate C, Loge Level

 **★★★★ Final General Business Session:
★★★★ Election of Officers,
★★★★ Voting on Resolutions**

8 to 10 a.m. • Hyatt - Woody Herman Room

Conducted by: John S. Powell, APCO President

This session will include the election of the members of the APCO Board of Officers to serve during the 1993-1994 term. The session is open to all APCO members, but in accordance with the APCO Constitution and Bylaws, only ACTIVE Classification members may vote. Evidence of ACTIVE membership classification will be required for admittance to the seating section for eligible voters. The quorum also will vote on the resolutions proposing changes to the APCO Constitution and Bylaws. In a change from past Conferences, there will be no business session on Thursday. Today's session will conclude the business meeting portion of the annual meeting of the Association.

**○ Booth Selection and Sales
for the 1994 APCO Conference
in Pittsburgh, Pennsylvania**

8 to 10 a.m. • Superdome Exhibit Hall "Tent"

Selection of exhibit space for the 1993 APCO Conference in Pittsburgh will take place at this meeting. Selections will be made based on the APCO priority points index. Attendance at this meeting is required for those companies wanting to reserve booth space in line with their position on the points index.

○ Interpersonal Communication

8 to 10 a.m. • Superdome Room 1

Training

Presented by: Dave Bubb, APCO Institute Instructor

Presented as part of the APCO Institute CTO program, this session will explore the complex worlds of verbal and non-verbal communications, and how to work within and around the opportunities and problems that they present. This session is open to all conference attendees.

○ "We Be Jammin' in New Orleans"

10 a.m. to 1 p.m. • Superdome Exhibit Hall

Conducted by: Ronnie Rand, APCO Executive Director

Here is an opportunity to make that slogan on the New Orleans Committee T-shirts come to life. Joining Ronnie Rand "on stage" in the exhibit hall with guitars, basses, fiddles, mandolins, banjos, ukuleles, spoons, wash boards, dobros, keyboards, etc., APCO members will be jammin' some bluegrass tunes to snap your fingers to, tap your feet to and maybe sing along(?) -- it's "top-billed" entertainment at "no cost." Jammin' Conductor Rand said, "I already have received several requests; but, we're going to go ahead and play anyway." Don't miss this, your cameras and join in with the fun; but don't leave without strolling around the exhibits ... it's the last day of the exposition.



★★★ Exhibits Open ★★★

10 a.m. to 5 p.m. • Superdome Exhibit Area

This is the last day to view the exhibits.



There will be a drawing in the exhibit hall at 2 p.m. for a complimentary round-trip Delta Air Lines ticket. Other drawings also will be held. Drop business cards in the bowl located at the APCO Booth in the Superdome Registration area, Loge Level.

Besides the jammin' session listed above, other entertainment in the exhibit hall today will include a magician from 10 a.m. to

2 p.m. and a mime from noon to 2 p.m. Enjoy all the entertainment and revisit the exhibits.

**○ APCO Past Presidents
& Life Members Luncheon**

Noon to 2 p.m. • Arnaud's Restaurant • Meet at 11:30 a.m. outside the LaSalle Street entrance of the New Orleans Centre which connects the Superdome and the Hyatt Hotel. Transportation will be provided.

This is the annual Appreciation Luncheon for APCO's Past Presidents and Life Members. By invitation only. Attendees will meet at the LaSalle Street entrance to the Hyatt Hotel at 11:35 p.m. for transportation to the restaurant.

**○ APCO Chapter Presidents
and Secretaries Luncheon**

Noon to 2 p.m. • Hyatt - Ballroom A

This is the annual Appreciation Luncheon for the APCO Chapter presidents and secretaries currently holding office. By invitation only.

○ APCO Frequency Advisors Luncheon

Noon to 2 p.m. • Hyatt - Ballroom B

This is the annual Appreciation Luncheon for the APCO Local Frequency Advisors. By invitation only.

**○ Digital Voice Logging and Voice Processing
Integrations for CAD Systems**

1 to 2 p.m. • Superdome Room 6

Technical

Presented by: Denis Van Decker of Phonetix Corporation

Emergency public safety dispatch systems have been dramatically increasing their level of technology and sophistication. Computer-Aided Dispatch systems have brought powerful multi-tasking hardware platforms to an ever-increasing number of centers. This session will explore many of the possible applications of digital logging and voice processing in the public safety environment.

○ Communications System Upgrade Project

1 to 2 p.m. • Superdome Room 4

Technical

*Presented by: Ed Leab of the Emergency Services
Communications Center, Pennington County, South Dakota*

The consolidation of a county-wide police, fire, sheriff and ambulance service will be discussed. Questions to be answered will include funding, staffing, site selection and construction, and assessment of technology.

○ Broward County's New Public Safety Complex

1 to 2 p.m. • Superdome Room 3

Technical

*Presented by: Carl J. Rader, Broward County (Florida)
Office of Information Technology*

The eight major components of Broward County's new public safety complex in Fort Lauderdale will be addressed, including an 800 MHz trunked radio system, a CAD system, a digital microwave system, a 23-dispatcher console configuration, the Enhanced 9-1-1 electronics/call-taker system, a telephone PBX system, the data network and a backup system.

**○ A Call for Standard
Inter-System Communications**

1 to 2 p.m. • Superdome Room 8

Management

Presented by: George Heinrichs of SCC, Inc.

The nationwide implementation of standard application program interfaces (APIs) for automated information systems will improve officer safety, reduce communication overhead, improve operations documentation, enhance security and improve response to citizens.

○ Motivation

1 to 3 p.m. • Superdome Room 1

Training

Presented by: Dave Bubb, APCO Institute Instructor

What motivates persons to work and to learn? Why do some motivating methods work on some persons, but not others? This session will try to answer those and other questions. This session is being presented as part of the APCO Institute CTO program, but it is open to all conference attendees.

○ The 9-1-1 Regulatory Process

1 to 3 p.m. • Superdome Room 5

9-1-1

Presented by: Mary Boyd of the APCO 9-1-1 Committee

An overview will be presented of the telecommunications regulatory environment specific to 9-1-1. The panelists will provide insight to the state and federal regulatory process with emphasis given to the different types of 9-1-1 tariffs (bundled and unbundled), the development of the proposed rates and the final adoption of tariffed rates.

○ APCO Meets the APCO Member

2 to 3 p.m. • Superdome Room 10

All

Conducted by: Ronnie Rand, APCO Executive Director

This meeting will allow APCO members to meet with the

Board of Officers, the Executive Director and Headquarters staff members to exchange ideas and ask and answer questions.

○ Portable and Mobile Radio Technology

2 to 3 p.m. • Superdome Room 4

Technical

Presented by: Steve Adler of Motorola, Inc.

Radio technology trends will be discussed which will change the electrical and mechanical design of portable and mobile radios for public safety. The micro-computer technology trend and its application to digital radio implementations also will be discussed.

**○ Multi-Jurisdiction Area Systems
Planning and Implementation**

2 to 3 p.m. • Superdome Room 8

Information Systems

Presented by: Frederick G. Griffin of Frederick G. Griffin, PC

Several trends have sparked and renewed interest in multi-jurisdiction area systems. Some of these trends include: reduced funding, next generation of technology, the desire for interoperability, aging of conventional systems that were installed a decade ago and a shifting population. This presentation will be broken into three related topics -- a tutorial, objectives and information flow, and how to do it. Discussion will be developed from an actual case study.

○ APCO-25 Digital Radio for Public Safety

3 to 4 p.m. • Superdome Room 4

Technical

Presented by: Keith Mulford of Motorola, Inc.

This presentation will explore the features provided by digital radios using the Common Air Interface (CAI) as developed by the APCO Project 25 Standards Subcommittee.

○ Liability Risk Management

3 to 4 p.m. • Superdome Room 9

Management

Presented by: Steve Jones of NCI

This session will include an overview of the civil liability system and how it can affect communications center operations.

**Information Available
on Products and Services
in the Exhibit Hall Until 5 p.m. Today**

**○ System Connectivity
and the Use of Consultants**

3 to 4 p.m. • Superdome Room 9

Management

*Presented by: Nicolaas "Cole" Appelman
of Hayes, Seay, Mattern & Mattern, Inc.*

The increased complexity of today's integrated communications systems will be examined along with the problems that system managers and public safety personnel face when designing or upgrading such systems. This session will also evaluate some of the advantages and disadvantages associated with each of the three different types of consultants (in-house, paid and non-paid) who are typically available to system managers, public safety personnel and owners during the design and implementation of such systems.

○ Incident Command for EMS

3 to 4 p.m. • Superdome Room 3

Management

Presented by: Denis A. Jackson of the APCO EMS Committee

Many different incident command models exist. Even once adopted, most are customized. There is a need to recognize differences, and to develop and use incident command without conflicting terminology or confusion of responsibilities.

**○ The Evolution of 9-1-1:
Yesterday, Today and Tomorrow**

3 to 4 p.m. • Superdome Room 5

9-1-1

*Presented by: Jim Beutelspacher, Mary Boyd, Clay Paxton
of the APCO 9-1-1 Committee*

Since this year we are celebrating the 25th year of the implementation of the first 9-1-1 emergency telephone system, the speakers will discuss the evolution of 9-1-1 from the basic system of the early '70s to the current enhanced systems of today, and what to look forward to in the future.

○ New APCO Member Orientation

3 to 4 p.m. • Superdome Room 10

All

*Presented by: Kevin Hudson,
APCO Membership/Marketing Manager*

This session is designed to give the new APCO member an overview of the programs, services and products offered by APCO, Inc.; APCO Institute, Inc.; and APCO Automated Frequency Coordination, Inc.

○ Counseling

3 to 5 p.m. • Superdome Room 1

Training

Presented by: Dave Bubb, APCO Institute Instructor

Counseling employees about substandard performance or poor behavior is almost always done, but seldom done well. This session will reveal a simple formula to help you counsel more effectively with better results. This session is presented as part of the APCO Institute CTO Course, but it is open to all conference attendees.

○ Introduction at Dawn - Hurricane Andrew

3 to 5 p.m. • Superdome Room 8

Management

*Presented by: John McHugh of Dade County, Florida
Telecommunications Division, Office of Computer
Services and Information Systems*

Discussion will include the pre-, during and post-Hurricane Andrew actions taken by Metropolitan Dade County (Florida) when the hurricane came ashore on August 26, 1992, in Dade County. The session will focus on the impact that the storm had on the communications systems in the area, how well they performed, what failed, and why, and how to minimize future failures.

**○ APCO Committee on Accreditation
of Communications Centers**

3 to 5 p.m. • Room 6

Management

Conducted by: Paul Linnee of the APCO 9-1-1 Committee

The APCO Committee on Accreditation of Communications Centers, a newly formed committee, will hold this open session to solicit input from the APCO general membership on how the process of establishing communications center accreditation should proceed.

**○ Improving an Analog
Microwave Radio System**

4 to 5 p.m. • Superdome Room 4

Technical

Presented by: Patrick E. Buller of the Washington State Patrol

This tutorial will address the testing, maintenance and methods used to improve an analog microwave radio system. Topics will include: methods to measure idle channel noise; to evaluate performance; instrumentation techniques for correct baseband management; how and where to equalize the baseband; and other topics.

**○ GPS/Dead-Reckoning
for Public Safety Vehicle Tracking**

4 to 5 p.m. • Superdome Room 3

Technical

*Presented by: Charles Vlcek, Michael Murphy
and Patricia McLain of Trimble Navigation*

The session will begin with a review of positioning requirements for public safety vehicle-tracking systems. Next, the applicable navigation technologies for vehicle positioning will be addressed. The selection option, GPS plus dead-reckoning, will be described, and recent test experiences in major urban areas will be reviewed.

○ The FCC Network Reliability Council

4 to 5 p.m. • Superdome Room 5

9-1-1

Presented by: Glenn Roach of the APCO 9-1-1 Committee

An overview will be presented of the FCC-established Network Reliability Council (NRC) and its charge to assess the reliability of the North American telecommunications network, and to recommend measures to improve its reliability. The panelists will report the findings of its comprehensive review of 9-1-1 service delivery and the connections between its reliability, telecommunications industry practices and network architecture.

○ APCO Second Vice President Reception

4 to 6 p.m. • Hyatt Hotel - Burgundy Rooms

Hosted by: APCO President-Elect Frank Huggins

○ Detroit Conference Committee Meeting

5 p.m. • Hyatt - Peachtree Room

Members of the Michigan Chapter's committee planning the 61st APCO Conference & Exposition in Detroit in 1995 will meet to discuss progress of planning for the event.

Thursday, August 12

★ Registration

7 a.m. to 4 p.m.

Superdome, LaSalle Street • Gate C, Loge Level

**The APCO Institute Can Train Your Trainers
To Train Your Telecommunicators
Call 800-949-2726**

○ Strategic Planning

8 to 9 a.m. • Superdome Room 6

Management

*Presented by: Nate McClure of the Muskegon (Michigan)
Central Dispatch*

This presentation will focus on the strategic planning process as it was applied in one agency, Muskegon Central Dispatch, to help give meaning and shape to the vision of the future.

○ Radio Network Interoperability

8 to 9 a.m. • Superdome Room 4

Technical

*Presented by: John Suzuki
of Ericsson GE Mobile Communications*

Today's technologies enable public safety agencies to have seamless communications capabilities on all types of frequency bands, including conventional, UHF, VHF, 800 and trunked radio systems. This technology facilitates inter- and intra-agency communications for efficient day-to-day operations, as well as effective response and control during crisis situations. The proper communications system can provide the infrastructure needed to maximize capabilities and minimize expense.

○ What's Next; 9-1-1 Switching in the '90s

8 to 9 a.m. • Superdome Room 5

Technical

Presented by: Ted Moulos of AT&T

The focus will be on three aspects of 9-1-1: today's environment, technologies currently available, and tomorrow's needs. Today's 9-1-1 systems provide a level of sophistication that far exceeds yesterday's expectations. Yet, compared to other current telecommunications industry standards, 9-1-1 is a generation behind. Most importantly, 9-1-1 is not well positioned to meet the future needs of the American public.

○ The Use of Mobile Data Service vs. Infrastructure

8 to 9 a.m. • Superdome Room 9

Management

Presented by: Joe Gallelli of Ram Mobile Data

Details will be presented of system implementation and operations cost over the useful life of the system, and the resultant cost-savings that can be realized.



○ Media Relations

8 to 10 a.m. • Superdome Room 10

All

*Presented by: Kevin Hudson,
APCO Membership/Marketing Manager*

An overview will be presented of basic public relations in dealing with various segments of the media, and a discussion will center on the particular needs of each. Tips will be presented on writing usable news releases, along with the do's and don'ts of media interviews.

**○ Correct Use of Mobile Communication
Peripheral Tools**

8 to 10 a.m. • Superdome Room 3

Technical

Presented by: George B. Lynch of Aisin World Corp.

The focus of this presentation will be the roles and advantages that specific applications might play in public safety communications. Future products and tools, such as enhanced GPS, intelligent vehicle highway system, digital communication and video, also will be discussed.

○ APCO Institute Overview

8 to 10 a.m. • Superdome Room 1

Management

Presented by: Kevin Duffy, APCO Institute Director

As an introduction to the APCO Institute or an update on what is new with the Institute, this session may help solve training problems with Institute solutions.

**○ Telecommunications Industry
Association Meeting**

Begins at 9 a.m. • Hyatt - Poydras A

○ Quality Assurance for Dispatch

9 to 10 a.m. • Superdome Room 9

Management

Presented by: Libby Reynolds of the Phoenix Fire Dept.

Quality assurance programs ... Who needs them? You do if you want to assure quality in your dispatches and procedures. In this session, you will be given the basics on how to set up a QA program. You also will have the opportunity to review a program that has been in use for three years, and see the benefits of that program.

○ **Traditional MDT
and Packet Radio MDT Systems**

9 to 10 a.m. • Superdome Room 8

Information Systems

Presented by: Michael Sushko of Kensington & Ickniel, Ltd.

The features, limitations and cost of these two different technologies will be outlined.

○ **Continuous Internal Supervision of Digital
In-Service Microwave Link Performance**

9 to 10 a.m. • Superdome Room 4

Technical

Presented by: Richard U. Laine, A. Ross Lunan

and Bradford (Gil) Woolley of Harris Corp., Farinon Division

Recent advances in the continuous in-service internal supervision and processing of digital microwave link performance provide a powerful maintenance tool to telecommunication organizations. Digital microwave link and system degradations are occasionally bursty, sometimes transitory, often elusive and clearly onerous in the absence of an effective performance-monitoring capability. This session will describe present-day, full-featured digital microwave radio instrumentation, define performance and availability, delineate equipment and path trouble isolation techniques and outline corrective procedures.

○ **9-1-1 Creative Financing**

9 to 10 a.m. • Superdome Room 5

9-1-1

Presented by: George Mangum of the APCO 9-1-1 Committee

About 50% of the population wears corrective lenses, and more than 43% wear bifocals. Regular phone directories don't make allowances for those with reduced capabilities. As it is not feasible for the phone companies to print two versions of the same book, 9-1-1 districts can easily print an Easy Read Directory for their jurisdictions, and have an additional source of revenue.

○ **Digital Communications**

10 to 11 a.m. • Superdome Room 4

Technical

Presented by: Satish Kappagantula

of Ericsson GE Mobile Communications

Advanced radio technology and spectral efficiency for law enforcement applications will be outlined and detailed. This technology, which is field-proven, is the key to providing greater information access to law enforcement officers in the field. Delays that could mean the difference between arrest and escape, or even life and death, no longer need stand in the way of the user. The advantages of having voice and data capability on the same system are well established, and digital technology provides valuable additional enhancements.

○ Network Management

10 to 11 a.m. • Superdome Room 8

Technical

Presented by: Lynn Monica of Motorola, Inc.

The key areas and industry standards in network management will be explored, along with how the market needs are growing in this area, and how network management can be used to provide optimum network utilization.

**○ Behavior-Based Interviewing:
How to Conduct Effective
Employment Interviews**

10 to 11 a.m. • Superdome Room 9

Management

Presented by: Candice M. Solie of Profile Evaluations Inc.

This session will concentrate on ways to improve the interviewing process. Specifically, it will address how to design focused, job-related interviewing questions; how to use past behavior as an indicator of future behavioral tendencies; how to conduct an effective interview, and how to avoid legal pitfalls.

○ Communications Barriers for 9-1-1

10 to 11 a.m. • Superdome Room 5

9-1-1

*Presented by: Glenn Roach, Co-Chair,
APCO 9-1-1 Committee*

○ APCO EMD Overview

10 a.m. to Noon • Superdome Room 1

Training

Presented by: Kevin Duffy, APCO Institute Director

The Institute's EMD program will be reviewed, with an extensive question-and-answer period allowed.

**○ The Communications Recording System
of the Not-So-Distant Future**

11 a.m. to Noon • Superdome Room 4

Technical

Presented by: Lawrence E. Bergeron of Dictaphone

Digital technology is evolving rapidly to solve many of our communications requirements -- from trunked radio to recording systems. With this comes an opportunity to fulfill the needs of the end-user with cost-effective solutions for improving the call-processing equation. This presentation will address the key factors behind and the benefits of the advanced digital technology associated with new communications recording systems. Of particular interest and focus will be the design capabilities of networked systems and data base integration with CAD and ANI/ALI components.

○ Hand-Held Computing

11 a.m. to Noon • Superdome Room 8

Information Systems

Presented by: Jim Debelina of Motorola, Inc.

How this second computer revolutions will effect public safety will be addressed. Problem-solving and future technology will be discussed.

○ Future Vision: 9-1-1 in the '90s

11 a.m. to Noon • Superdome Room 5

9-1-1

Presented by: W. Clay Paxton of Pacific Bell

This session will facilitate thinking and stimulate discussion of the vital issues surrounding the evolution of 9-1-1 service. It will offer a brief description of the current and historical environments, an overview of critical issues caused by the introduction of new technologies, features that the system should logically provide and suggestions for an initial strategy to promote the evolution of 9-1-1 as "THE" emergency telecommunications system of the future.

○ Legally Correct Employment Practices

11 a.m. to Noon • Superdome Room 9

Management

Presented by: Richard R. Solie of Profile Evaluations Inc.

This presentation will incorporate the requirements of federal civil rights legislation into the everyday environment of staffing and running a center. Specifically, it will address federal laws affecting employment practices, compliance issues in a real-time environment and ways to reduce discrimination claims -- both pre- and post-hire.

○ Police Consolidation - Technology

1 to 2 p.m. • Superdome Room 4

Technical

Presented by: Donald C. Nagle Jr.

Massachusetts Department of State Police

The history of consolidation in Massachusetts of the State Police, Registry of Motor Vehicle, Metropolitan District Commission Police and other state law enforcement agencies will be discussed, along with the existing technology and the interim communications/consolidation problems. The project planning process of statewide trunking, statewide mobile data and regional Enhanced 9-1-1 PSAPs will be explained, including system design, project financing and the team concept.

○ Synchronous Network Implementation

1 to 2 p.m. • Superdome Room 8

Information Systems

Presented by: Mike Curry of Alcatel Network Systems

This presentation will address the implementation of synchronous networks elements in an environment that includes high- and low-capacity radios. It will include an overview of the SONET fundamentals with emphasis on the increased functionality of SONET when compared to earlier synchronous standards. It will conclude with a discussion of the introduction of a SONET system in a public safety network and the various designs, including point-to-point, optical hub and ring, that are available.

**○ Position-Oriented Training:
A View of Training in the Future?**

1 to 3 p.m. • Superdome Room 1

Training

Presented by: Kevin Duffy, APCO Institute Director

All agencies train personnel while actually doing the job in the position. This session will address the problems that may occur and the solutions that are available. The concepts to be discussed also are taught in the APCO Communications Training Officers Course.

○ MTUG Meeting

1 to 3 p.m. • Superdome Room 10

*Conducted by: Debbie Overton
of the Maricopa County Sheriff's Office*

Motorola Trunked Users' Group (MTUG) meeting provides an opportunity for those who use Motorola trunked systems to talk about problems and solutions.

○ APCO Political Action Workshop

1 to 3 p.m. • Superdome Room 6

All

*Presented by: Celesta Wiley,
APCO Government Relations Administrator,
and Frank Huggins, APCO President-Elect*

The goal of the workshop is to develop effective, long- and short-range political action plans for each APCO Chapter. Through a series of situational examples, Chapter members will receive hands-on training for use in coordinating political action "flow down" at community and local levels of government.



HBF Group, Inc.	1200
Heischman Co	1104
Hewlett-Packard Co.	600
Hitech Systems, Inc.	1105
HTE Public Safety.....	1143
Hughey & Phillips, Inc.	1115
IFR Systems, Inc.	510
Il Morrow Inc.	802
Informer Computer Systems, Inc.	538
Infotech International	746
Intergraph Corp.	428
JON/BEAU, Inc.	1201
Kenwood USA Corp.	436
Kullman Industries, Inc.	634
Law Enforcement Tech/PTN Publishing Co.	1006
LDV/Lynch Display Vans, Inc.	228
Leach Mounce Architects/Schema Systems.....	101
LocRad, Inc.	706
Logistic Mapping Corp.	525
Logistic Systems, Inc.	1003
Magnasync/Comverse	708
Mark Systems, Inc.	702
MaSys Corp.....	1009
Maxon America, Inc.	507
Maxrad.....	1109
McCaw Cellular Communications.....	908
Medical Priority Consultants, Inc.	524
Melillo Consulting Inc.	1024
Metroplex Mobile Data	739
Microwave Radio Corp	536
Midland Land Mobile Radio.....	1308
Mobile Data Communications.....	704
Mobile Mark, Inc.	1100
Mobile Product News.....	
Mobile Radio Technology	508
Modular Communications Systems.....	621
Motorola Inc.	814
MPI.....	336B
MX-COM, Inc.	543
National Emergency Number Assn. (NENA)	1204
National Safety Systems, Inc.	903
NEC America, Inc.	707
New World Systems Corp.	1042
9-1-1 Magazine.....	105

911 Mapping Systems, Inc.	114
Northern Technologies, Inc.	1242
O A R Corp.	1001
OCS Technologies.....	403
Orbacom Systems, Inc.	606
PacketCluster Systems.....	112
PacTel Teletrac.....	800
Page-Com Inc.	335
Pandata/Radio Resource.....	1206
Penta Corp	503
Philips Electronics Ltd.	502
Plant Equipment, Inc.	836
PolyPhaser Corp.	106
Positron Industries.....	736
PRC Public Sector Inc.	1028
Proctor & Associates.....	411
Promark	1014
Prototype Inc.	806
Public Safety Novelties.....	314
Public Safety System Inc. (PSSI).....	415
Racal Recorders, Inc.	110
Ram Communications Consultants, Inc.	1128B
RAM Mobile Data.....	1128A
Relm Communications, Inc.	605
Rescue 9-1-1	636
Roadsoft Solutions.....	208
Rohn Manufacturers.....	611
Ropex.....	900
S & R Micom, Inc.	1305
Sage Data Systems.....	743
Scala Electronics	1234
SCC, Inc.....	728
Schlumberger Technologies	406
Scientific Dimensions, Inc.	643
Sel-Tronics, Inc.	339
Setcom Corp.	1117
SFA, Inc.	514
SHINWA.....	1010
Signal Communications Corp.	1222
Simrad Inc.	700
Skaggs Telecommunications Services, Inc.	838
SMC Electro-Mount.....	1281
Southern Vehicle Products Inc.	1309
Spectracom Corp.	910

Spilsbury Communications Ltd.	742
SPJ Furniture Technology Inc.....	1214
Stancil Corp.	901
Steve Lieber & Associates, Inc.	1008
StiCo Industries	1000
Stratus Computer, Inc.	1016
Swagger Communications, Inc.	1426
Symetrics Industries, Inc.	703
Tandem Computers, Inc.	407
TCI (Tel Control, Inc.).....	1101
TEAC America, Inc.	509
Telident, Inc.	1002
Telton Corp.	500
Telular.....	300
Tiburon, Inc.	623
Times Microwave Systems.....	845
Tomar Electronics.....	1518
Tomba Communications	328
Tomcor	401
TPL Communications & DX Radio Systems	108
Transcrypt International.....	1119
Transportation Safety Devices, Inc.	400
Trimble Navigation Limited.....	581
TRW Systems Integration Group.....	429
TSR Technologies, Inc.	807
TWR Lighting, Inc.	511
TX RX Systems Inc.	928
U.S. Department of Energy/OSP	602
U.S. CommStruct, Inc.	1004
Ultratec, Inc.	1211
Unisys Corp.	1228
Valmont Industries	1011
Vega, a Mark IV Co.	615
Vertex/Yaesu	320
Volunteer Firemen's Insurance Service Inc	1243
Waldmann Lighting Co.	1342
Watson Furniture Systems	1106
Western Multiplex Corp.	501
Westinghouse Electric Corp.	1236
Whelen Engineering Co.	1208
Zetron, Inc.	1123

Tuesday

Time	Seminar	Room
8 a.m.	_____	_____
9 a.m.	_____	_____
10 a.m.	- Grand Opening of Exhibits - Superdome	
	Seminars resume at 1 p.m.	
1 p.m.	_____	_____
2 p.m.	_____	_____
3 p.m.	_____	_____
4 p.m.	_____	_____
6 p.m.	- MANAPCO Night buses begin leaving all Conference hotels	

Wednesday

Time	Seminar	Room
8 a.m.	- Final Business Session - Election of Officers Voting on Resolutions	
10 a.m.	_____	_____
11 a.m.	_____	_____
Noon	_____	_____
1 p.m.	_____	_____
2 p.m.	_____	_____
3 p.m.	_____	_____
4 p.m.	_____	_____

Thursday

Time	Seminar	Room
8 a.m.	_____	_____
9 a.m.	_____	_____
10 a.m.	_____	_____
11 a.m.	_____	_____
Noon	_____	_____
1 p.m.	_____	_____
2 p.m.	_____	_____
3 p.m.	_____	_____
4 p.m.	_____	_____
6:30 p.m.	Closing Banquet - Hyatt Hotel Ballroom	

MONDAY, AUGUST 9, 1993

Registration Open 7 a.m. to 6 p.m. - Superdome, LaSalle Street, Gate C, Loge Level

7:00	Opening Breakfast & Keynote Address • Hyatt Hotel Ballrooms D-H	
8:00		
9:00		
10:00	First General Business Session Hyatt - Woody Herman Rood	Special Activities Orientation Hyatt Hotel Ballroom C
12:00		
1:00	Washington Regulatory Panel 1-2:30 p.m. Hyatt Woody Herman Room	Test-Making for Department Trainers Superdome Room 1 1-3 p.m.

APCO Regulatory Review Committee 2:30 to 3:30 p.m., Hyatt Woody Herman Room							
2:30		Dispatcher Standards Superdome Room 3					
3:00							
3:30	Regional Planning Committee (National Plan) Hyatt Hotel Woody Herman Rm.	<p>→</p> North Carolina Chapter Meeting Room 6	Telephone Devices for the Deaf and Speech-Impaired Superdome Room 3	VIP Reception for those with pink ribbons only Superdome Cafeteria Lounge			
4:00							
4:30							
5:00					4 - 6 p.m.		

TUESDAY, AUGUST 10, 1993

7:00	Registration Open 7 a.m. to 6 p.m. - Superdome, LaSalle Street, Gate C, Loge Level							
8:00	9-1-1 Day in New Orleans Superdome Room 7 8 a.m. to 5 p.m.	Electromagnetic Energy and Safety of Cellular Phones and 2-Way Radio Room 10	Guide to Accurately Budgeting Communications Project Room 9	Something Old, Something New Room 8	Fundamentals of Analog Scramblers Room 4	APCO Project 31 Meeting Hyatt Royale Room 9 to 11 a.m.	Using Open Systems and Evolutionary Development to Minimize Cost and Risk Room 6 8 to 10 a.m.	
8:30		Case Studies Mobile Data AVL Room 4	Partnership in Progress Room 9	Innovative Uses of Data From CAD Room 8	APCO-CAC Corporate Seminar Room 3			
9:00	↓							
10:00	Grand Opening of Exhibits • 10 a.m. • Superdome Playing Field, Main Arena, Gate A Exhibits Open 10 a.m. to 5 p.m. Tuesday and Wednesday							

**Revisit
the
Exhibits
--
Open
Until
5 p.m.**

1:00	Issues in Consolidating Communications - Rm. 4	CAD: Building a Strategy for Your Technology Hub - Rm. 8	Necessity for Mobile Command Posts Room 9	EMS Impact on 9-1-1 Systems Room 5	Applicant Screening & New-Hire Training: Where Do We Start? Room 1	APCO Project 25 Panel Discussion 1 to 4 p.m. - Room 7
	Enhanced Productivity Using Multi-Vendors Rm.9	Intelligent Mobile Data Networks Room 8	The Changing Radio Environment Room 6	→	Mid-Eastern Chapter Meeting 2 to 4 p.m.	Arizona Chapter Meeting Room 4
2:00	Planning and Implementing Regional 800 Radio System Room 9	Mobile Data: Trunked or Conventional Room 6	Job Task Analysis: How, Why & When? Room 1	9-1-1 in the PBX Environment Room 5	APCO Chapter Membership & Marketing Workshop Room 10	Room 4 ↓
	Advanced Audio Processing Room 6		3 - 5 p.m.	3 - 5 p.m.		Atlantic Chapter Meeting Room 7

MANAPCO Night: 6 p.m. Buses Load at each hotel for short trip to Aquarium -- Must have registration badge, ticket

WEDNESDAY, AUGUST 11, 1993

7:00	Registration Open 7 a.m. to 6 p.m. - Superdome, LaSalle Street, Gate C, Loge Level		
8:00	2nd and Concluding General Business Session Election of the Board of Officers	Booth Selection & Sales for 1994 Annual Conference in Pittsburgh, Pennsylvania Superdome Exhibit Hall Tent	Interpersonal Communication Room 1 <div style="text-align: center; margin-top: 20px;"> </div>
9:00	Voting on Resolutions Hyatt - Woody Herman Room		
10:00	"We Be Jammin' in New Orleans" 10 a.m. to 1 p.m. - Superdome Exhibit Hall Stage "Top-Billed" Entertainment at "No Cost" Drawing for Free Round-Trip Airline Ticket During the Afternoon in the Exhibit Hall		
<h2 style="margin: 0;">Exhibits Open 10 a.m. to 5 p.m.</h2> <h3 style="margin: 0;">Last Day to View the Exhibits</h3>			

Exhibits Remain Open Until 5 p.m.

12:00	Past Pres. & Life Member Luncheon at Arnaud's	Chapter Pres Secretaries Luncheon at the Hyatt Ballroom A	Frequency Advisors Luncheon at the Hyatt Ballroom B					
1:00	Motivation Room 1	The 9-1-1 Regulatory Process Room 5	Digital Voice Logging for CAD Rm. 6	Comm. System Upgrade Room 4	New Public Safety Complex Room 3	Standard Inter-System Comm. Room 8		
2:00	↓	↓	APCO Meets the Member Room 10	Portable & Mobile Radio Technology Room 4	Multi-Juris. Area System Planning Room 8			
3:00	APCO-25 Digital Radio Room 4	Liability Risk Management Room 9	System Connectivity & Consultants Room 9	EMS Incident Command Room 3	Evolution of 9-1-1 Room 5	New APCO Member Orientation Room 10		
4:00 to 5:00	GPS/Dead Reckoning Tracking Room 3	FCC Network Reliability Council	Reception 4 to 6 p.m. for the newly elected APCO Second Vice President at the Hyatt Hotel Burgundy Rooms				Michigan Chapter Mtg. Hyatt Peachtree 5 p.m.	REVISIT THE EXHIBITS 4 to 5 p.m.

THURSDAY, AUGUST 12, 1993

Registration Open 7 a.m. to 4 p.m. - Superdome, LaSalle Street, Gate C, Loge Level

7:00	Registration Open 7 a.m. to 4 p.m. - Superdome, LaSalle Street, Gate C, Loge Level									
8:00	Media Relations Room 10	Strategic Planning Room 6	Radio Network Interoperability - Room 4	9-1-1 Switching in the '90s Room 5	Mobile Data Service vs. Infrastructure Room 9	Correct Use of Mobile Peripherals Room 3	APCO Institute Overview Room 1			
9:00	↓	TIA Meeting Hyatt Hotel Poydras A	Traditional & Packet Radio MDT - Rm. 8	Digital Microwave Room 4	9-1-1 Creative Financing Room 5	↓	↓			
10:00	Digital Communications - Rm. 4	Network Management Room 8	How to ... Job Interview Room 9	Barriers for 9-1-1 Room 5	APCO EMD Overview Room 1					
11:00	Recording Systems of the Future Room 4	Hand-Held Computing Room 8	9-1-1 in the '90s - Rm. 5	Legally Correct Employment Actions Room 9	↓					
12:00										

1:00	Synchronous Network Implement. Room 9	Police Consolidation Technology Room 4		MTUG Meeting Room 10	APCO Political Action Workshop Room 6	What Is New in 9-1-1 Training? Room 5	Position-Oriented Training Room 1	
2:00	Hosting an APCO Conference Room 3		Part 15 Interference Counter Measures Room 4					
3:00	Windows Advanced Workstations Room 7	DOS for the Rest of Us Room 6	ISDN PSAPs in a Private Network Room 4	Cellular Solution for 9-1-1 Room 5				
4:00	Computer Response Time Room 8		EMD Liability Room 5		Trunking the Med Channels Room 9			
5:00								
6:30	Closing Banquet Reception at 6:30 p.m. & Banquet at 7:30 p.m. - Hyatt Hotel - Ballrooms A-E							

FRIDAY, AUGUST 13, 1993

		NOTES
9:00	<p>APCO Board of Officers Meeting</p> <p>9 a.m. to Noon</p> <p>Hyatt Hotel Rosedown Room</p>	<p>Project 25 Meeting Begins at 9 a.m.</p> <p>Hyatt Hotel Poydras-A</p> <p>Continued on Saturday Beginning at 9 a.m. Same Room</p>
	<p>Post Conference Meeting</p> <p>9 to 11 a.m.</p> <p>Hyatt Hotel Ballroom B-C</p>	

Amateur Radio Communications

The following repeaters are available for Amateur Operators within the New Orleans area. Please note that the repeaters with an (*) are autopatch equipped; however, club member access is required.

10 meters: 28.000-29.799mc

1. 29.580/29.680mc at City Hall 225'

6 meters: 50.000-54.000mc

1. 52.210/53.210mc at City Hall 225'

2 meters: 144.000-148.000mc

1. 146.010/146.610mc in Gretna, LA 400'
- *2. 146.160/146.760mc in New Orleans 535'
- *3. 146.370/146.970mc in New Orleans 450'
- *4. 144.790/145.390mc in New Orleans 250'
5. 146.295/146.895mc in New Orleans 815'

70 centimeters: 440-450mc

1. 444.325/449.325mc at City Hall PL: 100.0 225'
- *2. 444.975/449.975mc at Oschner Hospital 200'
- *3. 444.950/449.950mc in Metairie, LA 250'
4. 444.750/449.750 in New Orleans 450'

Packet Frequencies

The New Orleans RACES Packet Network

Call: N50MG DIGI: CD2

- Part 1: 144.990mc 1200 Baud FM 225'
- Part 2: 7.094mc 300 Baud USB 225'
- Part 3: 446.100mc 1200 Baud FM 225'
- Part 4: 10.144mc 300 Baud USB 225'
- Part 5: 14.105mc 300 Baud USB Via N5PGL-7 225'

Associated Public-Safety Communications Officers, Inc.
2040 S. Ridgewood Ave., South Daytona, Florida 32119
(904) 322-2500

SB 15531 APCO History

A A A C P G -1993
APCO Association
Annual Conference

