

HUNTINGTON BEACH
FIRE DEPARTMENT

ANNUAL REPORT
2001



FIRE

COMMUNITY STATISTICS

Land Area: 28 Square Miles

Water Area: 26 Square Miles

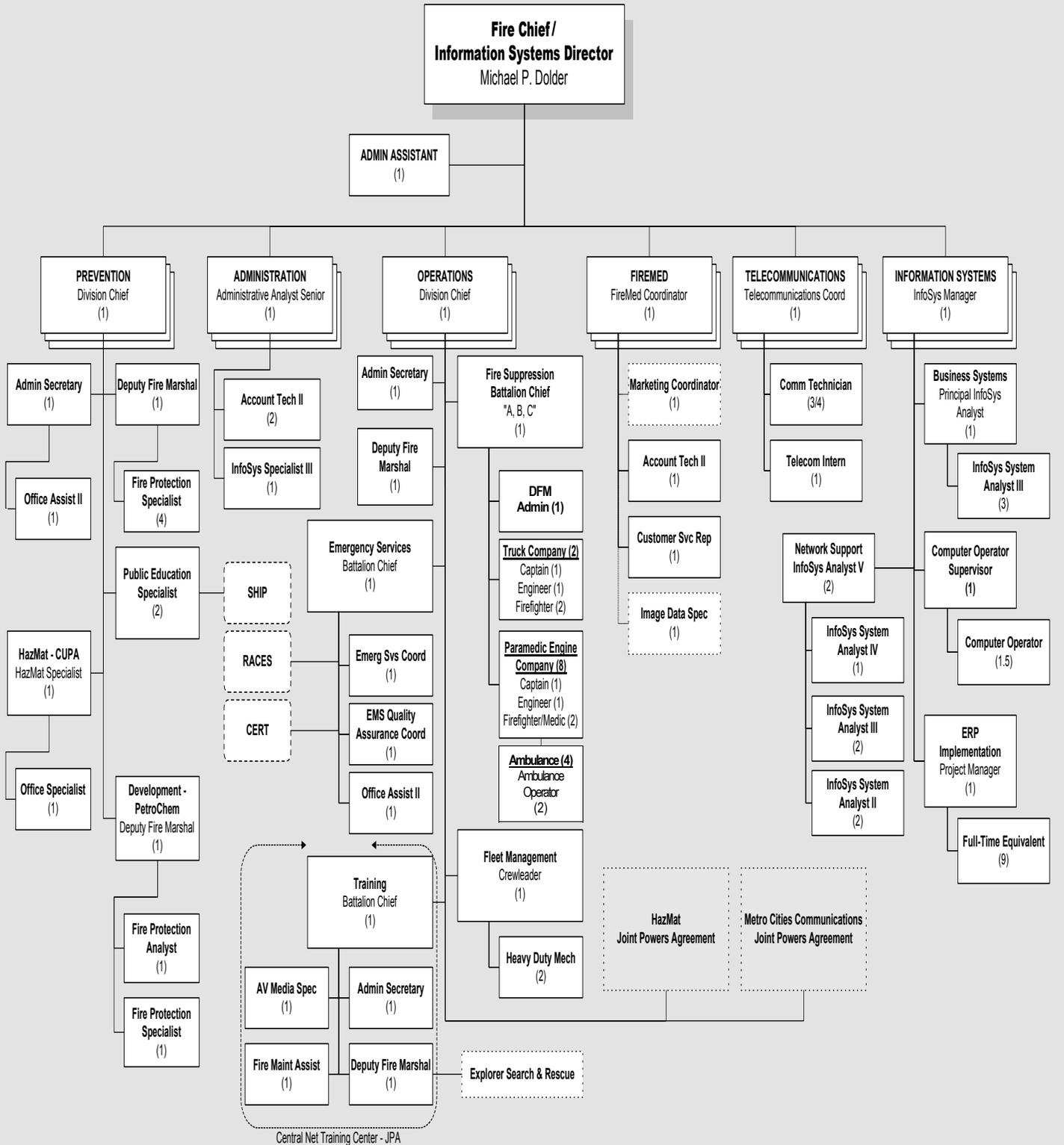
Population: 193,700

Fire Stations: 8

Land Use: Residential
Commercial
Industrial

**FOUNDED
1909**

Huntington Beach Fire Department Organization Chart





PERSONNEL

**Fire Chief /
Information Systems Director**
Michael P. Dolder

Division Chiefs
Duane Olson, Fire Marshal
Chuck Reynolds, Operations

Battalion Chiefs
Chuck Burney - Emergency Services
Greg Wiggins - Training
Mick Terich (A - Shift)
Jacques Pelletier (B - Shift)
Open (C - Shift)

Safety Personnel 137
Ambulance Personnel 24

Fire Suppression Personnel
on-duty per day 41

Ambulance Personnel
on-duty per day 8

Non-Safety Personnel 40

Interns 2
Volunteers 8
Total Paid Personnel 201

PROMOTIONS

Back row, from left to right:
Captain Dan Forster, Captain Mark Daggett, Captain Vince Tosches
Battalion Chief Bob Brown
Division Chief / Fire Marshal Chuck Burney
Fire Chief Michael P. Dolder
Battalion Chief Rick Grunbaum

Front row, left to right:
Engineer Ron Thompson, Engineer Darin Maresh, Engineer Brian Dailey,
Engineer Andy Zepeda, Engineer Brian Gerardi

NEW HIRES

Office Assistant II Shirley Ferguson

RETIREES

Administrative Secretary Carol Lind	1973—2001
DFM/Captain Michael McKay	1973—2001
Captain Ed Terrell	1972—2001
Engineer Steve MacGregor	1973—2001
Engineer Wayne Maresh	1972—2001
Engineer Bob Teitsworth	1972—2001

ADMINISTRATION

REMODEL

During August and September, the Fire Department was busy remodeling its portion of the fifth floor of City Hall. This area includes offices and work stations for 35 of the Department's employees. The remodel project was long past due. Actually, it was the first renovation of this area since it was first occupied over 25 years ago. The project included new interior walls, modular office furniture, carpet, painting, fire sprinklers and alarms, window coverings, ceiling, lighting and improvements to the heating, ventilation and air conditioning system.



Amazingly, the entire project was

completed in only eight weeks! The end result was improved working conditions and productivity for the Fire Department, as well as a more professional looking office for the customers we serve.

BOLSA CHICA ANNEXATION

Without the annexation of Bolsa Chica and with the down-sizing of the Bolsa Chica residential project from the original 3800 homes to the current 376 homes, the City will be negotiating a tri-party agreement with the Brightwater Company.

NEW WEB PAGE

During 2001, Fire Department Program Managers completed upgrades of the narrative portions of the Department's section of the City's web page. This was the first effort to improve the Department's internet presence since the City's web page was first established five years ago. These narratives will be finalized during 2002 with the addition of upgraded graphics along with a number of other enhancements. The final version will be connected to the internet before the end of the year, resulting in an improved representation of the department and increased ability to provide service to the public through this electronic communications tool.

GOALS—2001

Goal 1

Bolsa Chica annexation or Bolsa Chica / Orange County fire services contract.

Goal 2

Upgrade Fire Department web page.

Goal 3

Design and remodel Fire Administration work area.



Budget 2001/02

General Fund	\$18,671,417
Non-Departmental	\$ 5,436,104
Enterprise Funds	\$ 5,567,247
Total Budget	\$29,674,768

INCIDENT SUMMARY

EMERGENCY RESPONSES

Total Incidents	12,176
Emergency Medical Responses	7,933
Total Fires	314
False Alarms	410
Mutual Aids	611
Hazardous Materials Responses	13
Other Hazardous Responses	222
All Other Responses	2,673

Breakdown of Fires

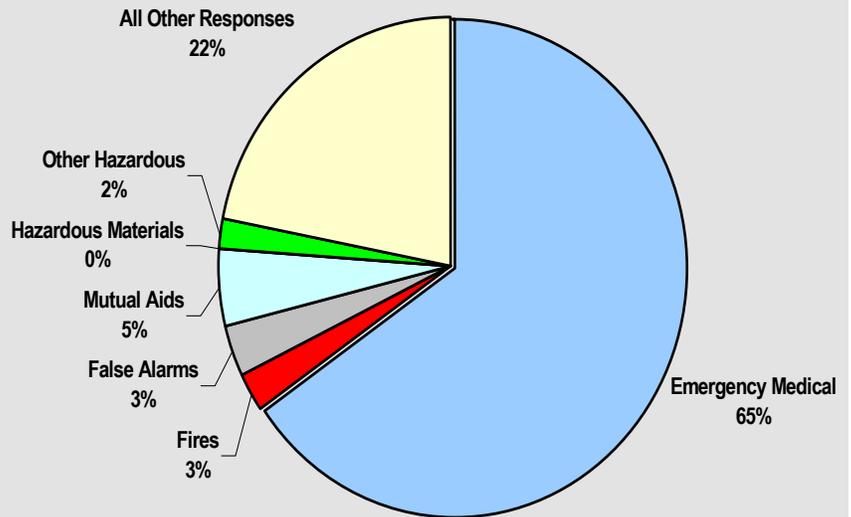
Structure Fires - Total	86
Residential	68
Public Assembly	3
Schools	3
Health Care Facility	0
Stores, Offices	6
Industry	4
Storage in Structures	1
Other Structures	1
Other Fires - Total	228
Vehicle Fires (Highway)	84
Other Vehicles	2
Outside Structure	29
Brush, Grass	26
Rubbish, Dumpsters	82
All Other Fires	5

Fire Casualties

Civilian Death	1
Civilian Injuries	11
Firefighter Death	0
Firefighter Injuries on Duty	101

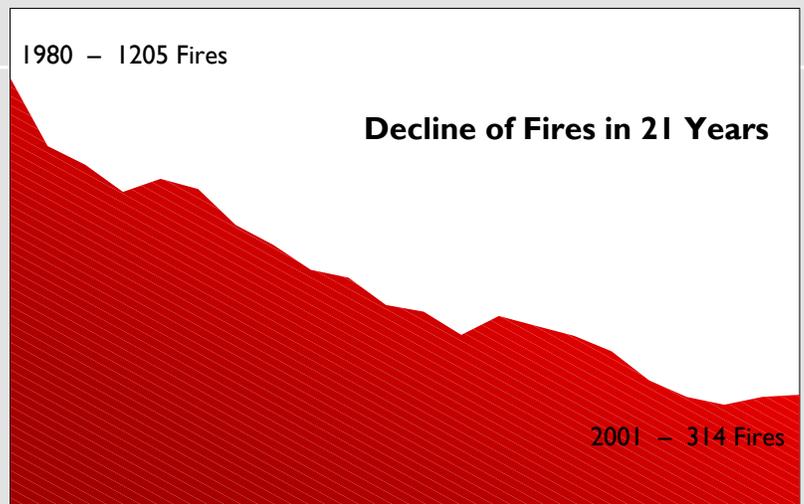
**Estimated
Property Damage \$8,559,245**

Total Incidents in Percentages



1980 - 1205 Fires

Decline of Fires in 21 Years

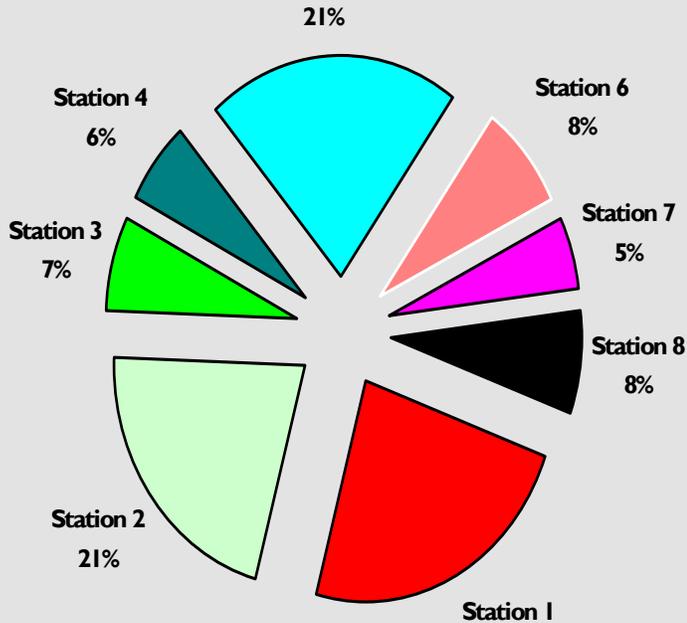


Fire History Year 1980 - 2001

Year	Fires	Year	Fires
1980	- 1205	1991	- 547
1981	- 1310	1992	- 482
1982	- 960	1993	- 535
1983	- 884	1994	- 507
1984	- 921	1995	- 479
1985	- 892	1996	- 436
1986	- 791	1997	- 354
1987	- 735	1998	- 308
1988	- 665	1999	- 286
1989	- 643	2000	- 308
1990	- 566	2001	- 314

INCIDENT SUMMARY

Dispatches per Fire Station in Percentages



Emergency Medical Responses 1980 - 2001

Year	Responses	Year	Responses
1980	6102	1991	6327
1981	6113	1992	5686
1982	5602	1993	6221
1983	5949	1994	6416
1984	6089	1995	6286
1985	6377	1996	6331
1986	6689	1997	7022
1987	6775	1998	7175
1988	7109	1999	7390
1989	7091	2000	7181
1990	7148	2001	7933

1980 - 6102 E M Responses

2001 - 7933 E M Responses

Increase in Emergency Medical Responses over 21 years

DISPATCHES BY STATION

TOTAL DISPATCHES 23,992

STATION 1-GOTHARD 5540

- Battalion 4 384
- Battalion 5 5
- Engine 41 2,155
- Engine 241 35
- Ambulance 41 2,957
- Ambulance 241 4

STATION 2-MURDY 5,034

- Engine 42 1,467
- Truck 42 934
- Ambulance 42 2,633

STATION 3-BUSHARD 1,674

- Engine 43 1,674

STATION 4-MAGNOLIA 1,450

- Engine 44 1,450

STATION 5-LAKE 5,046

- Engine 45 1,253
- Engine 245 6
- Truck 45 893
- Ambulance 45 2,880
- Ambulance 245 14

STATION 6-EDWARDS 1,779

- Engine 46 903
- HazMat 46 86
- Light /Air 46 14
- Ambulance 46 776

STATION 7-WARNER 1,259

- Engine 47 1,259

STATION 8-HEIL 1,775

- Engine 48 1,775

OTHER 435

GOALS — 2001

Goal 1

Provide fire/rescue/emergency medical response times to the community as specified in the Growth Management Element of the City's General Plan including:

The first engine company within five minutes 80 percent of the time.

The first ladder company within 10 minutes 90 percent of the time and, in all cases, within 15 minutes.

The first paramedic resource within five minutes 80 percent of the time and, in all cases, within 10 minutes.

Goal 2

Maintain City fire stations for full operational readiness and reduced maintenance costs.

Goal 3

Preliminary design for relocation of Fire Station 8-Heil to Graham and Production.

Goal 4

Implement Automatic Aid Agreement with Orange County Fire Authority.

Goal 5

Establish hiring and promotional lists for vacancies in the Fire Department; provide training, direction, and evaluation to promoted or probationary employees.

CORRESPONDING ACCOMPLISHMENTS



Several major fire station renovations are being conducted. Approved projects include repair of major settling damage due to sub-standard soils at Station 2-Murdy, modifications of female firefighter facilities at Station 3-Bushard, and completion of warranty items for Station 6-Edwards.

Completed preliminary design and obtained planning commission approval to relocate Station 8-Heil to Graham and Production. Construction of station is contingent on a funding source for the project.

This project is currently on hold pending discussions with the Orange County Fire Authority to ensure proper response into Huntington Beach.

Established promotional lists for the positions of Fire Battalion Chief, Fire Captain and Fire Engineer. Several members on these lists were promoted throughout the year. Also, established hiring lists for the positions of Firefighter Paramedic and Ambulance Operator/Fire Intern, and several new employees were hired in both job classifications.

OPERATIONS

CORRESPONDING ACCOMPLISHMENTS

Completed annual medical questionnaires and mask fit testing for all employees using a respirator or self contained breathing apparatus.

Recurring program to update department policies and procedures to reflect ongoing changes in many aspects of department functions. Policies are reviewed and rewritten to meet current requirements. Several policies are updated each year.

The Department purchased a new fire engine and a new 95' Aerial Platform from E-One, which are currently being built. Final inspections will be conducted the first part of 2002 and the Department will take delivery shortly there after. The purchase was budgeted over two fiscal years.

The Department evaluated and prioritized the replacement of fire station emergency generators. The generator at Station 1-Gothard was replaced last year and the generators at Station 2-Murdy and Station 5-Lake will be replaced this year. All fire station generators will be replaced by FY 2003/04.

The purchase and installation of Mobile Data Computers was completed in December 2001.

Implemented a Fire Department Operating Center and provided training to Fire Battalion Chiefs and Deputy Fire Marshals. The same training program will be provided to other safety personnel.

GOALS — 2001

Goal 6

Implement the California Occupational Safety and Health Administration (Cal-OSHA) Respiratory Protection Act, 1998.

Goal 7

Revise Operations and Organization policies.

Goal 8

Purchase a new replacement fire engine and fire truck.

Goal 9

Upgrade fire station emergency generators.

Goal 10

Purchase and install Mobile Data Computers in all emergency response vehicles.

Goal 11

Provide a functional Fire Department Operating Center which will ensure communications redundancy with the community and the Fire Department in the event of a primary fire dispatch center failure.

**CENTRAL NET
TRAINING CENTER**

Revenue Generating Facility Use

SANTA ANA FIRE ACADEMY

Full-time	172
Part-time	76
Physical Agility Classes	82
Special Classes: (Flashover, ICS, Small Tools)	62
Physical Agility Test - Outside Agencies	6
Rappelling Training	5

**MEMBER – CITY MANDATORY
TRAINING**

Net Classes	25
EMT	24
Evaluated Drills	32
Night Drills	12

CITY SPECIFIC TRAINING

HB Special Wednesday Classes	24
Computer Training	8
Flashover Training	8
Live Burns	10

MISCELLANEOUS

Citizen Groups Training	10
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The Central Net Training Center supports the training needs of the 400 firefighters of the Costa Mesa, Fountain Valley, Huntington Beach and Newport Beach fire departments. In addition to providing regional fire service training, the Center’s classrooms and grounds are available to other agencies and the public on a fee basis.

The Training Center is funded and operated through a formal Joint Powers Agreement entered into by the cities of Fountain Valley, Huntington Beach and Newport Beach. Costa Mesa serves as an associate member.

The Training Center staff coordinates and facilitates a variety of mandatory specialized suppression personnel training for the four cities; provides access to the training grounds and classroom space for a fee to several outside agencies; and provides free classroom space to various community groups for CPR and Emergency Services training.

The Training Center operates on a budget totaling \$368,143 with anticipated revenues of \$466,000. The revenue generated yearly is used to maintain and upgrade the facility training props, 5-story burn tower, drafting pit and classrooms. In addition to the administrative offices, there are two large classrooms (capacity 30 and 50), two small classrooms (capacity-20 each), a boardroom and a computer training classroom with 13 computer stations.

The Fire Technology Program at Santa Ana College uses the Training Center for its Basic Fire Academies. Each year, approximately 150 candidates graduate from three full-time academies and one part-time academy.

Central Net Training Classes

Four job-related classes per year are taught to the Central Net firefighters. Each of the Net’s participating fire departments provides the firefighters to be the instructors. The classes are intended to maintain the skill levels in the many disciplines required in their job and to stay current with new technology or methods. Subjects taught this year were Weapons of Mass Destruction, Terrorism, Firefighter Entrapment and Swift Water Rescue.

Evaluated Drills

Evaluated drills are designed to exercise the methods of fire command and firefighter skills. Each fire company is required to attend three annual evaluated drills. These are comprised of manipulative drills, which focus on improving individual skill sets and evaluating the overall incident command system. Drills include hot fire, flammable liquid, medical aids, etc. They are evaluated, timed and critiqued by training officers and chief officers.



TRAINING

Emergency Medical Technician Training

Each safety member participates in five different sessions annually (3 hours each). The **Emergency Medical Technician Training (EMT)** is required by the State to maintain EMT certification. All firefighters in all four member cities are fully qualified as EMTs. The classes offered this past year were: cardiac emergencies, burns, document writing, and medical scenarios.

Special Wednesday Classes

The Huntington Beach Firefighters receive additional department-specific training four times annually, 3 hours per session. Topics covered during the last year include: strategy and tactics, pre-trip apparatus inspection and flashover training.

Night Drills

Multi-company night drills are required twice per year. Each company is given a large scenario to handle under night conditions. In addition, each company is required to perform one individual night drill per year.

Paramedic Training

Paramedics are required to complete 48 hours of continuing education units every two years. This is provided on-duty through our EMT program and classes offered by local hospitals including Huntington Beach Hospital.

Company Training

In addition to organized classes which are provided and coordinated by Operations Chiefs and training officers of all member cities, all companies within Huntington Beach are required to do two hours of fire-specific training each work day. This required training is recorded in our computer-based records management system.



AMBULANCE OPERATOR ACADEMY

The Ambulance Operator/Fire Intern Program provides an excellent opportunity for anyone interested in becoming a firefighter. The Huntington Beach Fire Department's Ambulance Program is intended to provide quality emergency transportation service while, at the same time, offering firefighter related training to its operators. This program is in its eighth year and is an integral part of the fire department's emergency medical delivery system.

Each Ambulance Operator Academy includes intensive training on a variety of curriculum for two weeks, 8 hours each day, and is geared to bring these recruits up the Huntington Beach Fire Department standards. Some of the topics covered include CPR, infectious disease control, patient loading and carrying, Code 3 emergency vehicle operations, City/Department rules, regulations and policies, vehicle maintenance and assigned ride-alongs.

A full recruitment was conducted twice this year. The top candidates from each recruitment participated in the two-week academy.



Promotional Exams

Captain Exam

Ten in-house candidates participated in this promotional exam, which was conducted over a three-day period. The test consisted of supervision, writing and leadership exercises. During the year, three candidates were promoted.

Engineer Exam

A three day in-house promotional exam was conducted. This test covered a wide-variety of highly specialized knowledge and skills, which include complex hydraulics calculations and Code 3 emergency driving and technical/manipulative skills. Of the five candidates tested, three were promoted this year.

Firefighter Paramedic Exam

More than 190 candidates responded to the department's open recruitment for firefighter paramedic. From those who participated in the written exam, 82 went on to take the oral/practical exam. As a result, 13 applicants have been offered jobs and will participate in the January 2002, eight week Firefighter Paramedic Academy. At the completion of the academy, these new employees must successfully complete an additional 12 month fully documented probationary period which will be overseen by the training officer, battalion chiefs, EMS staff, senior paramedic preceptors, and the new employee's assigned fire captain.

CODE ENFORCEMENT

Activity Summary

Company Referrals	289
Company Training Sessions	53
KNOX Security Access	122
Inspector Investigations	24
Level 1 and/or 2 Investigations	89
PIO Duties	18
Life Safety Inspections	35
C of O Inspections	332
C of O Processing	735
File Searches	13
Permit Inspections/Perm.	581
Permit Inspections/Temp.	56
Re-inspections	467
Permits Issued/Perm.	351
Permits Issued/Temp.	27
Underground Tank Removals	20
Underground Tank Installations	6
Aboveground Tank Removals	4
Aboveground Tank Installations	2
Site Mitigation Inspections	5
Citizen Complaints	61
Public Nuisance Task Force Meetings	32
Fire Code Citations	9
Citations/Parking	28
Night Inspections	23
High-rise Inspections	8

HAZARDOUS MATERIALS DISCLOSURE

This year there has been a marked increase in public contacts, due in part to an increased number of inspections, and the introduction of a quarterly HazMat newsletter. The newsletter has received many complimentary comments from the business sector for its helpful hints regarding chemical information, safe storage and disposal.

High/Medium Hazard Inspections	156 of 157 possible = 99%
Low Hazard Business Inspections	145 of 302 possible = 48%
Total Inspections	301 of 459 possible = 66 %

Total of Disclosing Businesses	459
Disclosure Packets Mailed	261
Disclosure Packets Returned	258
Inquiries by Citizens/Realtors	663
File Reviews by Consultants	26
HazMat Inspections	289
Citizen Complaints	28
Revenues for 2001	\$174,000

GOALS — 2001

GOAL 1

Develop and implement a **Quality Assurance Program** for citizen complaints, permit inspections and Certificate of Occupancy inspections.

GOAL 2

Complete the revision of existing **City Specifications**.

GOAL 3

Add the **NFPA Risk Watch Curriculum** to the existing fire safety school programs.

GOAL 4

Revise and update the **Fire Prevention Work Plan** to reflect work activities.

GOAL 5

Produce a **Fire Department Annual Report**.

GOAL 6

Adopt the **2001 Uniform Fire Code** as the Huntington Beach Fire Code.

GOAL 7

Implement **Firehouse Version 5.0 Records Management Software (RMS) Program**.

GOAL 8

Revise the existing **Fire Prevention Manual** to meet the **2000 Uniform Fire Code specifications**.

PETROCHEM / DEVELOPMENT / SYSTEMS

SEACLIFF VILLAGE



ANNUAL ACTIVITIES

PetroChem Inspections	1560
Systems Inspections	447
Re-Inspections	323
Inquiries	4057
Investigations	61
Complaints	87
Fire Sprinkler Plan Checks	208
Fire Alarm Plan Checks	69
Chemical Systems Plan Checks	24
Other Plan Checks	400
Fax/Mail-Outs	261
Billings	157
Permits Issued	280
Meeting Hours	902
Special Project Hours	227
Training Hours	406

The Huntington Beach Fire Department plays an important role in the community's development process. With a full-time staff of one Deputy Fire Marshal, one Fire Prevention Analyst, one Fire Protection Specialist and one part-time Fire Protection Specialist, the section reviews plans, systems and inspects all new developments and tenant improvements.

In 2001, the PetroChem/Development/Systems Section of the Fire Department participated in:

- Plan checking and testing all fire related systems and processes before, during and after the construction or tenant improvement process.
- Enforcing fire codes, oil codes and collecting oil related fees.
- Managing the operation and production of three (3) City-owned oil wells.
- Performing inspections on all Huntington Beach oil production sites and gas station vapor extraction sites.
- Maintaining records pertaining to oil operations and all petroleum production facilities in the City.
- Enforcing City Soil Cleanup Standards.

FIRE PREVENTION

- Reviewing Environmental Assessments, Phase I, II and III Site Audits, Health and Safety Plans, Work Plans, Risk Assessments and other related reports.
- Managing professional consultants.
- Defining, specifying and enforcing regulations protecting the citizens and the City's interests regarding environmental and oil industry safety.

SIGNIFICANT DEVELOPMENTS 2001

- Seacliff Shopping Center
- Boeing Business Park development
- Hyatt Resort and Residential development
- Cenco Tank Farm demolition
- Southridge Homes single family housing tract
- The Boardwalk single family residence at Palm & Goldenwest
- Beachwalk single family residential tract at Beach Blvd. & Atlanta Avenue
- Christine Drive methane mitigation
- AES power plant modifications



**HYATT REGENCY
HUNTINGTON BEACH
RESORT AND SPA**

LIGHT HOUSE DEVELOPMENT



ANNUAL PROGRAMS

- Annual Report
- Awards Coordination
- Change your Clock, Change your Battery
- Drowning Prevention Campaign
- Career Day Coordination
- Easter Egg Hunt
- Elementary School Programs
- Emergency Evacuation Procedures
- Fire Extinguisher Programs
- Juvenile Fire Setter Screening
- Orange County Fair
- “Operation Fire Safe” Management
- Public Fire/Burn Education Training for new Firefighters
- Senior Home Inspection Program
- Spark of Love Campaign
- Station Tour Coordination
- Youth in Government

PUBLIC EDUCATION

Spark of Love Toy Drive

This is the fifth year the Public Education Committee of Orange County coordinated this event. The official kick-off event was the Spark of Love caravan on December 8. Twenty fire engines and rescue trucks featuring the Spark of Love banners promoted the campaign by driving along populated streets through many Orange County communities. During the entire campaign, over 215,00 toys have been collected and distributed to Orange County Children.

Orange County Fair

Every July, the Orange County Fire Chief’s Association sponsors a fire/life safety education booth at the fair. This year’s fair theme was “Twist and Shout, Celebrate Citrus and Sun.” Although it was a difficult theme to integrate with fire safety messages, the booth won 3rd place for Theme, 1st place for Best of Show, 2nd place for Education and 2nd place for Interactivity. Approximately 60,000 local residents visit the fair each year.

Project S.H.I.P. (Senior Home Inspection Program)

The S.H.I.P. Program has been in effect over 5 1/2 years since August 1996. The program is implemented by volunteers who have been trained by the Huntington Beach Fire Department and Senior Outreach personnel. The program is primarily funded by local private businesses and organizations. Donations from Rainbow Disposal, AERA Energy, Fountain Valley Hospital, Huntington Beach Women’s Club and the Huntington Beach Firefighters Association provide funding for smoke detectors and batteries. Marketing efforts are targeted at senior housing areas, community newsletters, mobile home parks and community events.



Fire Fest

National Fire Prevention Month is celebrated during the month of October to commemorate the Great Chicago Fire of October 9, 1871. The Huntington Beach Fire Department hosted the annual “FIRE FEST” at the Central Net Training Center located at 18301 Gothard Street. Approximately 3000 visitors enjoyed a vast array of educational booths and live fire demonstrations

- A total of 1970 inspections have been completed since the beginning of the program.
- 1070 Smoke Detectors have been installed.
- 400 batteries have been replaced in existing smoke detectors.
- In 2001, eight volunteers completed 184 inspections, installed 70 smoke detectors, and assisted in the promotion of the program during special events, including Fire Fest, Senior Saturday and Public Works Open House.
- Volunteers donated 462 hours.

ANNUAL ACCOMPLISHMENTS

Implemented modified marketing plan to increase Citywide membership. Concurrent increase in funding was not realized because plan was implemented at the end of the year and positive effects will occur during 2002.

Initiated evaluation of direct costs of providing paramedic and ambulance services for the Huntington Beach Community. Final evaluation will occur during 2002.

Implemented state-of-the-art imaging and digital records management solution, which facilitates the detailed analysis of Emergency Medical Services data. This resulted in enhanced operational and quality improvement resources, and allows department personnel to instantly retrieve and review records for all patients.

Revised the department's patient care record format to reduce time of completion and incorporate modifications submitted by field personnel. Also, provided training on revised format to all public safety personnel, and participated in Virtual Private Network to consolidate and exchange data.

Provided Automatic External Defibrillators (AEDs) to all of the City's Marine Safety Frontline emergency response vehicles, watercraft and Lifeguard Headquarters.

Ambulance Program

Design work and delivery was completed on the first two of four modular ambulances to be placed in service during 2001 and 2002. These units are a significant improvement in patient care and transport capabilities of the Fire Department Ambulance service. The greatly expanded interior of the modular units provides greater access to the critical patient by two paramedics. Additional space is also available for equipment that improves patient movement from upper floors of a building.

New Position

A Quality Assurance Coordinator hired for the Paramedic Program completed a comprehensive review of paramedic skills and training needs. New skills assessment methods were implemented and training courses developed to improve patient evaluation and treatment.



GOALS - 2001

Goal 1

Provide funding for improving the City's Paramedic and Ambulance programs.

Goal 2

Research budgeting methods for Emergency Medical Services.

Goal 3

Develop expanded computerized medical history.

Goal 4

Obtain final approval of City's Emergency Medical Services (EMS) Reporting System.

Goal 5

Initiate Citywide Automatic External Defibrillator (AED) Program to improve survival of Sudden Cardiac Arrest (SCA)

Mobile Data Computers

During 2001, the second and final phase of the communications systems upgrade was completed with deployment of mobile data computers in all emergency response vehicles. This data communications equipment

is a state of the art platform that will provide emergency vehicles with access to business information, medical files, hazardous material data and interagency communications.

GOALS— 2001

Goal 1

Prepare the City for response to Weapons of Mass Destruction incidents.

Goal 2

Purchase and outfit a storage container with emergency response equipment for the Civic Center.

Goal 3

Conduct special training sessions for all City management personnel on their role in the Emergency Operations Center (EOC). Obtain grant funding for EOC technology and equipment upgrades.

MAJOR PROJECTS

17 EOC Training Classes

Two hundred seventy city management personnel were trained in how to manage emergencies and operate the City's Emergency Operations Center (EOC). The 4-hour training included the legal issues, history of emergencies in Huntington Beach, EOC Section Training and a tsunami table-top exercise.

Senior Outreach Disaster Plan

The plan was updated, volunteers were recruited and trained as Senior Response Team members, Senior Center employees were trained to run a Command Post. A full-scale exercise was conducted with 130 employees and volunteers to practice the plan.

Citywide School Exercise

A citywide school earthquake exercise was conducted on October 23. All public and private schools and Golden West College participated. RACES and CERT communicators were dispatched to the sites to report conditions and resource needs back to the EOC where Net Control was set up. This exercise helps the schools, school districts, RACES and CERT communicators practice how they will respond in a real emergency to provide communication between the 25,000 school children and the EOC.

Community Emergency Response Team (CERT)

Classes were held for the public to teach self-sufficiency in emergencies. The concept "Start Where You Stand" in your neighborhood, school and business was taught. Attendees learned how to manage an incident and respond to the needs of those around them until public safety personnel arrives. Classes taught include: Disaster Preparedness, First Aid & Triage, Safety Assessment, Security, Communications, Care & Shelter & Disaster Mental Health, CPR, Fire Extinguisher, Light Search & Rescue and Managing Your Disaster Team.

Red Cross / CERT / RACES Shelter Exercise

Coordinated a joint full-scale exercise with the American Red Cross, CERT, and RACES volunteers. The Rodger's Senior Center was set up as a shelter, to be used after a major explosion.

RACES

The Fire Department's amateur radio volunteers developed a system known as SSTV where real-time photos can be sent to the EOC, FOC, BC vehicle, etc. The system was tested in the Weapons of Mass Destruction (WMD) exercise and was a great success and will be utilized when the EOC is activated. The RACES volunteers won a Public Safety Award for their dedication to the Fire Department and to the community.

EMERGENCY SERVICES

Weapons of Mass Destruction (WMD) Exercise

A citywide field, EOC and Operational Area (county) exercise was held. **“Terror on the Beach”** included 41 public agencies and 10 hospitals. Federal, state, county and city personnel joined forces to respond to the incident. A chemical terrorism exercise was held on the beach just south of the pier where 120 volunteers simulated injuries from a chemical terrorist explosion. A secondary device was also discovered at the scene. Fire, Police, Hazardous Materials Teams, National Guard, Bomb Squad, FBI, DOJ, OCTA and dozens of ambulances responded to the exercise scenario. The Fire Department set up a Unified Command structure to manage the incident. The EOC was activated for the WMD exercise. A trainer and a trainee worked each EOC position with a total of 96 persons in the EOC. A Unified Command structure was set up with Fire and Police jointly managing the City’s response to the terrorist incident. The EOC coordinated requests for County, State and Federal resources and managed the incident. The EOC worked closely with the Department of Justice to develop and conduct the exercise. The exercise successes included: training of field and EOC personnel; practice in coordinating a response which required expertise from all levels of government; improvement of networking between government agencies; and assisted the city in identifying resource needs for future WMD type emergencies.



WEAPONS OF MASS DESTRUCTION (WMD) GRANTS

The City Council approved three grants that will provide funding for WMD planning, training and equipment including: first responders personal protection equipment, detection and decontamination equipment and pharmaceuticals to protect first responders and the public.

Department of Justice (DOJ) Grant - \$300,000 for first responder WMD equipment.

State Office of Emergency Services (OES) - \$29,000 for equipment.

Department of Health and Human Services (DHHS) - \$600,000 to prepare a Metropolitan Medical Response System (MMRS). Along with the cities of Santa Ana and Anaheim, as well as Orange County Health Care Agency, the Fire Department will develop a county-wide MMRS plan designed to enhance the

fire, EMS, and hospital personnel on the MMRS plan.

The Emergency Services Office delivered 88 educational programs at CERT classes and to civic groups, totaling 2,719 residents and employees.

FIREFIGHTER'S ASSOCIATION

ANNUAL CHARITY FUNCTIONS AND FUNDRAISING EVENTS

- 911 Relief Fund
- Firefighter Quest Burn Foundation
- Disabled Youth Fishing Derby
- American Cancer Society Run for Life Barbeque
- Burn Relay Little League Opening Barbeque
- Firefighter Care Program
- Guns & Hoses Golf Tournament Charity Event
- Burn Foundation, Snorkel Sit with Orange County Fire Authority
- Chili Cook-off with OCFA
- Orangewood Home - Donation of Christmas Gifts and Clothes for Abused Kids
- Leukemia Foundation Auction
- Spark of Love Toy Drive
- Rodgers Senior Center Dance
- Muscular Dystrophy Chili Cook-off
- Lock-Up Fund Raiser
- Athletic Youth Sports

BOARD MEMBERS

President :	Rick Fee
Vice President :	Ron Stocking
Treasurer:	Mike Perry
Assistant Treasurer :	Rob Glenn
Secretary:	Dave McBride
Election Coordinator :	Tom Faye
Committee Liaison:	Frank Mead

COMMUNITY PROGRAM HIGHLIGHTS

911 Relief Fund

The Huntington Beach Firefighters Association (HBFA) held a "Fill the Boot" in October and raised \$2,600. Firefighters donated, as individuals, a total of \$23,000 (\$200 per member) and \$15,000 through memorial T-shirt sales. In November, Tony Dalton went to New York to our sister station in Spanish Harlem. He personally donated the money and attended some of the funeral services for our fallen brothers and sisters. A total of \$40,600 was raised.

Firefighters Quest

The Firefighters Quest was originated during the Calabasas Fire when two Glendale firefighters were burned while protecting homes in Malibu. Firefighter Bill Jensen received second and third degree burns to over 80% of his body and was not expected to live. Firefighters Quest raised money to help pay for his medical expenses (approximately 50 surgeries) and continued to expand to include raising funds for other burn survivors and burn centers. The Firefighters Quest Caravan is an annual event that travels with celebrities and professional athletes throughout Los Angeles and Orange Counties over a two-week period raising funds. The Huntington Beach Fire Department sponsored this year's lunch for the 60 Quest volunteers as they traveled through this City. The Huntington Beach Firefighter's Association donated \$500, which brought the total donations up to \$50,000 for burn survivors and burn centers.

American Cancer Society, Run for Life

Run for Life is a fundraiser sponsored by the American Cancer Society. Participants are teams made up of cancer survivors and donors who run or walk for 24 hours. The Huntington Beach Firefighter's Association provides a barbeque lunch for approximately 200 participants.

Firefighter Care Program

Donations of up to \$150 per month are given to families or individuals who are in need of help. The individuals are referred through word of mouth or when firefighters contact them on an emergency. An example would be a family who has had a fire or a senior who needs a wheelchair ramp built. Last year the Firefighter Care program assisted eight families.

Guns & Hoses Golf Tournament

The Police and Fire Departments raise money through a charity golf tournament held at SeaCliff Country Club in October. Last year, \$20,000 was raised for the Huntington Valley Boys and Girls Club.

Orange County Burn Foundation, Snorkel Sit

This event is held in December at the Orange County Fairgrounds. Orange County firefighters participate by taking turns sitting in the snorkel basket. Approximately \$15,000-\$20,000 was donated by swapmeet visitors for the Burn Foundation.

TELECOMMUNICATIONS

NETWORK SYSTEM

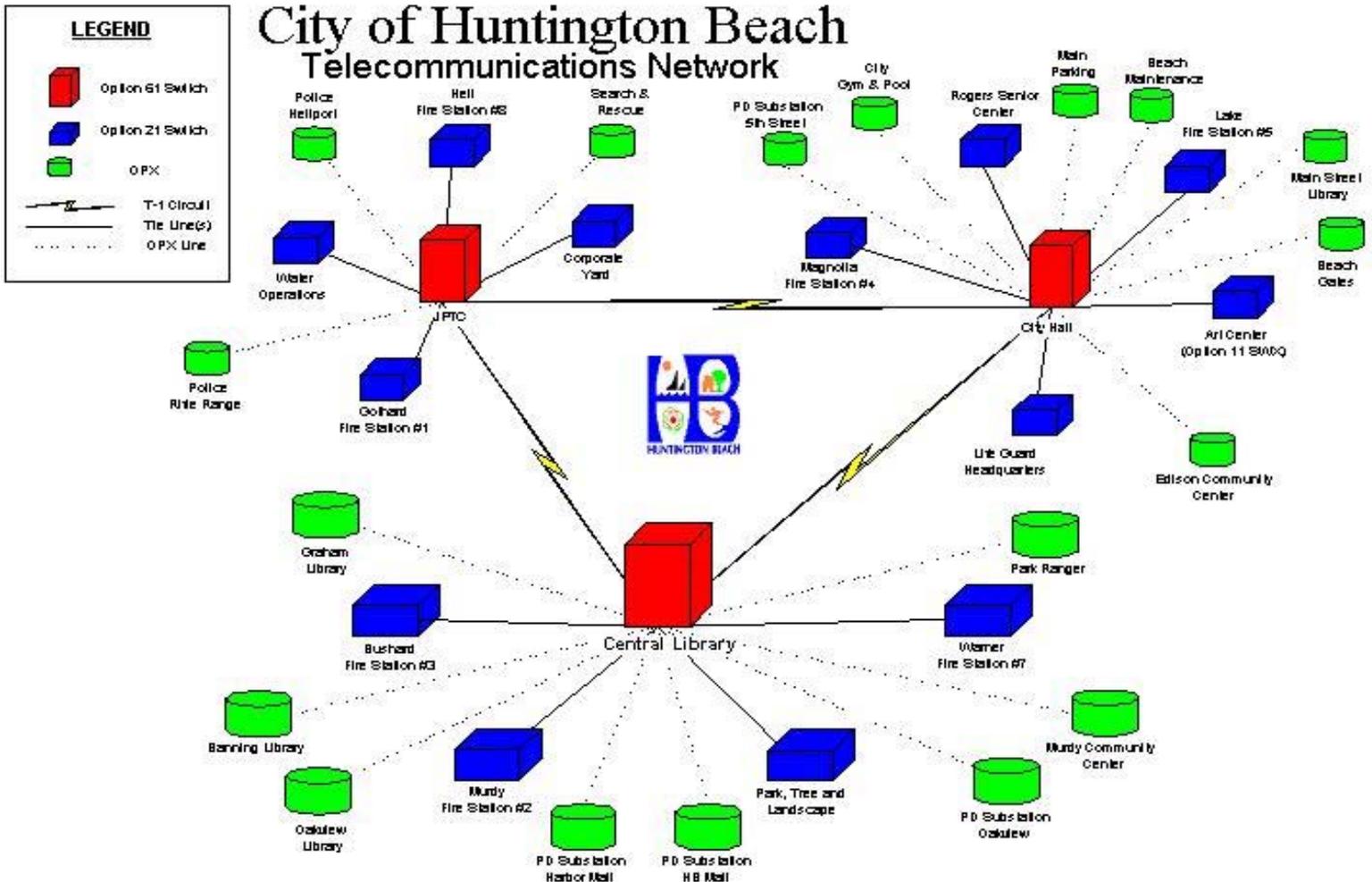
The City's 17 switch locations and 18 off-premise locations are linked together via T1 and tie lines. Within the City network, any station can call another City station by dialing their 4 digit extension number. All inbound calls are routed to the appropriate station in the same manner. The 1200 DID (Direct Inward Dial) numbers all come into either City Hall or the Central Library. From there, they are distributed through the Coordinated Dialing Plan, across the 3 T1s and then across Tie lines to their end locations.

Voicemail is handled in a similar networked fashion. Each primary site (City Hall, Central Library and JPTC) houses the voicemail boxes for their surrounding switch locations. Because they are networked, a mailbox in City Hall can send to a mailbox in Central Library or JPTC by identifying the individual address of the voicemail system, with City Hall being 71, Central Library 72 and JPTC 73. These are the same numbers beside everyone's name in the city directory.

GOALS—2001

Goal 1
Implement music on hold.

Goal 2
Implement telephone switch software upgrades for all City facilities with the exception of City Hall and Fire Station 6-Edwards, which are completed.



GOALS—2001

Goal 1

Implement Phase II of the J. D. Edwards Enterprise Resource Planning (ERP) software.

Goal 2

Implement Phase II of Electronic Document Imaging, Indexing, Retrieval and Records Management System (EDIRMS).

NEW TECHNOLOGY

2001 marked the beginning of significant change for technology in the City of Huntington Beach. In order to implement and support new hardware and software, the Information Systems staff first had to make sure the network infrastructure was upgraded to meet the needs of the new technology. New data cabling was installed at the City Yard, the Art Center and the Library, as well as portions of City Hall. A Computer Aided Design drawing was completed of the existing City Hall wiring (data, telephone, electrical) to assist in the future installation of new data cable. The remainder of data cabling will be completed in 2002. New routers and switches (communications hardware) were installed at the City's remote sites as well as at City Hall. The telephone lines that connect remote sites to City Hall were upgraded for faster connectivity. The aging network servers were replaced with Dell Power Edge servers and the connectivity to the servers was upgraded from 10/100 Megabyte to Gigabyte speed, or an approximate 100% increase in connection speed. For added network security, the firewall (which keeps intruders out of the City's system) was upgraded and the anti-virus software was upgraded as well.

In the support of approximately 900 network users, the Information Systems team deployed over 100 Gateway computers in the first part of the year and, thanks to securing a lease for the continual replacement of desktop computers, prepared for the eventual deployment of 800 Dell computers (in 2002). A Test Lab and Deployment Center was established in the Information Systems division so that problem computers could be analyzed and repaired in-house, and new computers could be set up in advance of being installed at a user's workstation, minimizing down time for the user. The purchase of network testing equipment and software made it easier for Information Systems support personnel to diagnose and resolve problems. To improve communications throughout the City, the E-mail system was not only upgraded to a newer version, but was installed in a manner that provides system redundancy and backup.

The Water Operations division, which had been on a separate network domain, was incorporated into the City's network domain to provide Water Operations with better service and support. In addition, there were various departments that had to relocate within City Hall for remodeling purposes which required the installation of new network connections in the Emergency Operations Center, as well as Lower Level Meeting Rooms B6 and B7, and the relocation of the Fire Department's domain servers to the Lower Level during the 5th Floor remodel. Other projects were supported such as the installation of new servers and desktop computers for the implementation of the City's new municipal billing software. Finally, a Network Attached Storage (NAS) solution was implemented for the storage of the City's electronic data. The storage capacity of the NAS is 3 Terabytes (or the equivalent of around 7 billion pages of data).

B.E.A.C.H. PROJECT

NEW SOFTWARE

The B.E.A.C.H. (Business Enterprise Applications for the City of Huntington Beach) Project exists for the citywide implementation of business software for the City's critical business processes. Previously, all business processes were handled on a Unisys mainframe computer, using custom Cobol programs written by City Information Systems staff. The B.E.A.C.H. Project originated in October 1999 when City Council approved a proposed \$7 million, 3 year project to replace the mainframe hardware and software with new, widely supported software that would operate on a client/server platform. J.D. Edwards Enterprise Solutions was selected as the primary business software and, in October 2000, the City successfully migrated its Financials, Purchasing and Budget processes from the mainframe to the J.D. Edwards software. Three months later, the J.D. Edwards software was upgraded to its newest version in order to bring in some enhancements needed for the implementation of the Human Resources/Payroll portion of the software.

The beginning of 2001 was a period of adjustment to the new software and adapting to the new procedures that resulted from identified process improvements. In April, the City contracted with Kronos, Inc., to provide an enhanced Timekeeping solution that will interface with the J.D. Edwards payroll system. Kronos will provide the City with an easier way to track and record employee time and will provide reporting abilities that will allow the City to more accurately estimate employee hours needed for different functions, grants and projects. Kronos will also provide managers with the ability to set schedules and to better monitor employee time. Since many of the same City staff that would be implementing Kronos were already working full time on the implementation of the J.D. Edwards HR/Payroll module, the Kronos implementation was put on hold. The City successfully migrated its Human Resources/Payroll business processes to the J. D. Edwards software on July 13, 2001, when payroll checks for over 1,000 employees were issued.

Also in April 2001, the City Council approved \$4,077,087 to purchase and implement Utiligy Customer Information and Utility Billing software provided by AMX International. AMX International is a key business partner of J. D. Edwards and their software is incorporated directly into the J.D. Edwards software for full integration. The City of Huntington Beach agreed to be a "Beta Site" for the Utiligy software, which gave the City an opportunity to suggest software enhancements that would result in the best platform for the City's municipal billing process. An Executive Steering Committee was established for the Utiligy project consisting of Public Works Deputy Director Paul Emery, City Treasurer Shari Freidenrich, Fire Chief/Information Systems Director Michael P. Dolder and B.E.A.C.H. Project Manager Colleen Keith. In May, a "core" implementation team was organized, consisting of staff from both the Water Operations Division of Public Works and the City Treasurer's office.

Most of May and June were involved with a discovery process during which time the City's water operations and municipal billing procedures were clearly identified. AMX provided industry experts to evaluate City processes and make recommendations for process improvements. This report, called the "Gap Analysis," was presented to the Executive Steering Committee in July. The implementation team was expanded to include more Water Operations staff and City Treasurer staff, and a kick-off meeting for the team was held on August 6, 2001. Training on the Utiligy software began in September and, over the last months of the year, team members were able to provide input to the AMX programmers for system enhancements and functionality improvements. AMX also developed a Point of Sale Cashiering system that will interface directly with the Utiligy software and provide the City with cashiering functions. The Utiligy software is scheduled for implementation in early Summer 2002.

The B.E.A.C.H. Project will continue through 2003 with the implementations of Utiligy, Kronos and additional J. D. Edwards modules such as Fixed Assets, Inventory, Property Management and Fleet Management.

