

# Placentia Fire and EMS Services Final Quarterly Update

October 20, 2020



# Personnel Update





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- Fire Chief with 35 years of fire experience, previously leading a fire department of over 350 personnel at 37 fire stations and protecting a population of 1.2 million residents
- 3 full-time Battalion Chiefs with over 95 years of combined experience
- 6 full-time Fire Captains with over 101 years of combined experience
- 7 full-time Fire Engineers with over 91 years of combined experience, one of which received a 'North County Regional Hero' award
- 6 full-time Firefighters who have over 65 years of combined fire and emergency medical experience
- 18 Reserve Firefighter positions filled
- All of the City's fire personnel meet or exceed National and State standards and three of them have even received the 'Firefighter of the Year' distinction from their previous agencies



# Training Update





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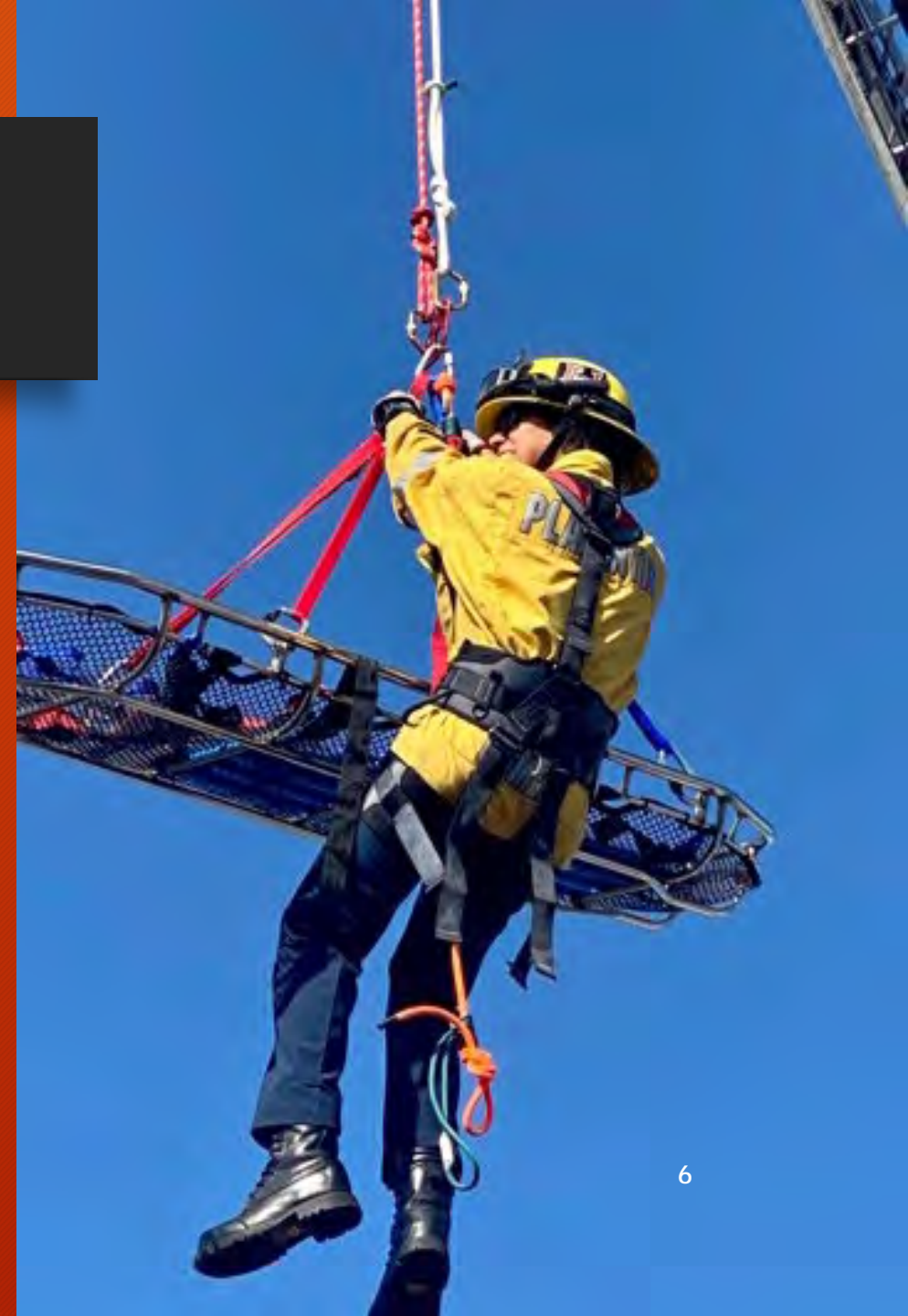
- All Placentia Fire and Life Safety Department personnel completed rigorous training standards, including California State Firefighter 1 certifications (NFPA 1001)





# Training

- OC Training Officers Group
- Orange County Annex
- Hazmat Decontamination
- Rope Rescue Technician
- Target Solutions
- EMS Continuing Education
- Emergency Reporting





# Training

- Mark 43 Training
- OC MEDS Training
- Task Books - State Fire Marshall
- Seagrave Training
- Fire Inspection & Code Enforcement
- Infectious Control Training
- Aerosol Transmissible Disease Training
- Sexual Harassment Training
- S.O.L.A.R. Training



# Training Analysis

- ❖ Cal OSHA Requirements
- ❖ Sara Title III and CFR 29 Code of Federal Regulations
- ❖ Civil Rights Act of 1964
- ❖ NFPA Recommendations for Training
- ❖ ISO Rating Schedule for Training
- ❖ Training Facility Components and Features
- ❖ Training Plan





# Training Photos



# Apparatus and Equipment Update





# Fire Apparatus



- All four (4) brand-new fire suppression apparatus are in service:
  - Seagrave Type I Engine (2)
  - Seagrave Quint with 100-foot ladder (1)
  - HME Type VI mini-pumper (1)
- One fully equipped Ready Reserve 2020 Type I Engine





# Command Vehicles

- Fire Command Vehicles are in use:
  - One 2020 Police Interceptor for the Fire Chief
  - Two 2019 Ford F350's for the Battalion Chiefs
- Outfitted with state-of-the-art, technologically-advanced equipment
- Opticom





# Support Vehicles

- One Light duty pick-up truck (Ford F150) in use
- One 15-person passenger van (Ford Transit) delivery delayed due to COVID-19





# Fire Apparatus Tools and Equipment

- Over 600 individual pieces of new equipment purchased and in use, including:
  - State-of-the-art SCBAs
  - Hoses and nozzles
  - Thermal imaging cameras
  - Multipurpose tools
  - Bolt cutters
  - Axes and hand tools
  - Hydraulic cutting tools/Jaws of Life
- Spare equipment purchased to ensure additional supplies available on shelf if needed





# Fire Station Improvements

- Station improvements included in FY 20-21 Capital Improvement Project (CIP)
- \$360,000 in various improvements and repairs
  - New paint
  - Locker room renovations
  - Improved sleeping areas
  - Turnout extractors and cleaning equipment
  - SCBA cascade
  - New appliances
  - Station Alerting System
  - New furnishings and flooring



# 911-ALS - Emergency Medical Services (EMS)



Lynch EMS



# A new model in Orange County 911-ALS, Lynch EMS Paramedics



- All Lynch Paramedics assigned to Placentia have significant 911 ALS experience
- Lynch Paramedics maintain higher level scope of practice
- Paramedics required to maintain CA Dept. of Justice and FBI background live scan service
- While Lynch employs over 40 Paramedics, only those demonstrating the highest of standards and core values are selected to provide service to Placentia





# Lynch Paramedics: Ongoing Training



- Bi-annual retraining for advanced pediatric and cardiac life support
- Additional training in at-risk populations, hospice care and pediatrics
- Annual skills testing for competency on high risk, low frequency medical emergencies





# Lynch Ambulance - Placentia's New EMS Paramedic Provider

- Two primary medic squads and one backup have been placed into service
- Have provided surge capacity to cover overlapping calls
- Cross training of all Lynch's other ALS units for potential response into Placentia is ongoing
- Chest Compression devices - Saved 2 Placentia residents since July 1st
- Cardiac Monitors
  - Utilizes latest in advanced cardiac monitor/defibrillator technology



# Response Times





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- First Quarter data indicates that we have significantly reduced response times of Fire and EMS units
- Attributed to using ambulances and paramedics to respond to medical emergencies instead of a 55,000 pound-plus fire apparatus
- Faster dispatch times
- Opticom at major intersections





# Agency Partnership





# Partnership with Lynch EMS and OC Health Care Agency



- Orange County EMS Medical Director has approved the 911 emergency medical dispatch protocols
- All Lynch Paramedics working in Placentia are accredited to practice by County EMS Medical Director
- Entered into agreement for electronic integration of 911 EMS dispatch data into County of Orange's OC-MEDS data system
- Utilization of the OC-MEDS electronic reporting system by City ensures:
  - Regulatory and patient care data privacy compliance
  - Seamless coordination of call times and demographic data into patient care reports
  - Since OC-MEDS is the County data system they will have real time oversight over patient care by both PFLSD and Lynch EMS.





# Automatic and Mutual Aid Agreements



- Automatic Agreement with the City of Fullerton has been executed
- Automatic/Mutual Aid Agreement discussions with the Cities of Brea and Anaheim are ongoing
- County of Orange and Placentia entered into an Out-of-Area Service Agreement to provide fire and EMS services to the "Hamer Island"
- Recent 2-alarm commercial structure fire resulted in a total of 17 units from five different agencies responding to incident – all via direct mutual aid request
- Bypassing of Placentia on mutual/automatic aid requests by our neighbors continues and is being addressed with policymakers from surrounding communities





# Mutual Aid Requests into Placentia

Month	2019 (OCFA)	2020 (City)	Percent Reduction
July	65	9	86%
August	69	14	80%
September	62	9	85%

- Data clearly shows that with an 85% reduction in mutual aid requests into the City the Placentia Model is resilient and highly efficient
- The creation of the Placentia Fire and Life Safety Department has resulted in the capacity to handle 40% more calls than OCFA the prior year



# Public Safety Communications Update





# Public Safety Communications Personnel



- New Communications Manager position created; new manager comes with 15 years' experience in Fire, EMS, and Police dispatch with the Ontario Communications Center
- Created several new positions, including two new Supervisor positions
- In 2019, Placentia ECC handled 40,000 calls for police service, and transferred 4,000 calls for fire or EMS service to OCFA
- Staffing has increased by 33%, while calls processed for fire or EMS will increase workload by only 10%, based on OCFA data

# Training, Protocols, & CAD System Training



- All Placentia Public Safety Communications Dispatchers and call-takers have been certified in CPR and have obtained Emergency Medical Dispatch (EMD) and Emergency Fire Dispatch (EFD) certifications
- EMD and EFD protocols from the Priority Dispatch system will be utilizing proven international standards for call intake and processing
- EMD protocols have been reviewed and approved by County Medical Director
- Communications staff currently utilize Mark 43 CAD System
- Placentia Public Safety Communication Center leadership will seek accreditation next year to become the first accredited emergency communications center in Orange County



# Upgrades to Dispatch Equipment



- 800 MHz radio talk groups approved by Orange County Communications (OCC), Orange County Fire Chiefs Association, and Orange County Police Chiefs Association
- Needs assessment completed: new touchscreen equipment for the radio consoles and 8 new 43" monitors acquired
- Additional dispatch consoles for a 5th position budgeted for in current FY20-21
- Mark 43 CAD system integration with Fire and EMS modules complete
- Purchased station alerting system which integrates with dispatching system
- New mobile and portable radios have been programmed for operations

# Community Risk Reduction





# Fire Prevention Week



- October 4th – 10th was National Fire Prevention Week. The theme was "Serve up Fire Safety in the Kitchen"
- Multiple videos were posted on PFLSD social media accounts throughout the week on cooking safety, fire safety, and emergency exit plans
- Engineer Ferguson did a zoom meeting with special needs students and their teachers from George Key Elementary school on Fire Prevention Week; activities were dropped off at the school so the students could participate.
- Virtual Fire Safety Bingo was played via zoom with community members that signed up

# Infant Safe Surrender Site

- The City Council has approved Placentia Fire Stations as Safe Surrender Sites.
- Safe Surrender baby kits have already been received. Policy's will be in place for the program.
- This program allows a mother or legal guardian to surrender a baby up to three days old to the fire station without any questions asked or penalties.





# CPR Training Courses

- Community Risk Reduction Specialist Erica Vega has been trained as an Instructor through American Red Cross to teach and certify individuals in CPR, First Aid, and AED.
- PFLSD is looking forward to starting a CPR program to teach courses to the community.
- CPR manikins and AED training equipment will be purchased for the courses.
- All courses will be provided to City staff





# Community Engagement





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# Upcoming Programs and Initiatives

- Develop 1-year and 2-5-year Comprehensive Department Strategic Plan
- Create and present annual report to the City Council
- Continue hiring process for part-time firefighters and reserves
- Begin Fire Department accreditation process
- Begin Communication Center accreditation process
- Insurance Services Office (ISO) rating process





# Questions?

