



San Francisco Fire Department

**Deputy Chief of Administration
Sayumi Brannan**

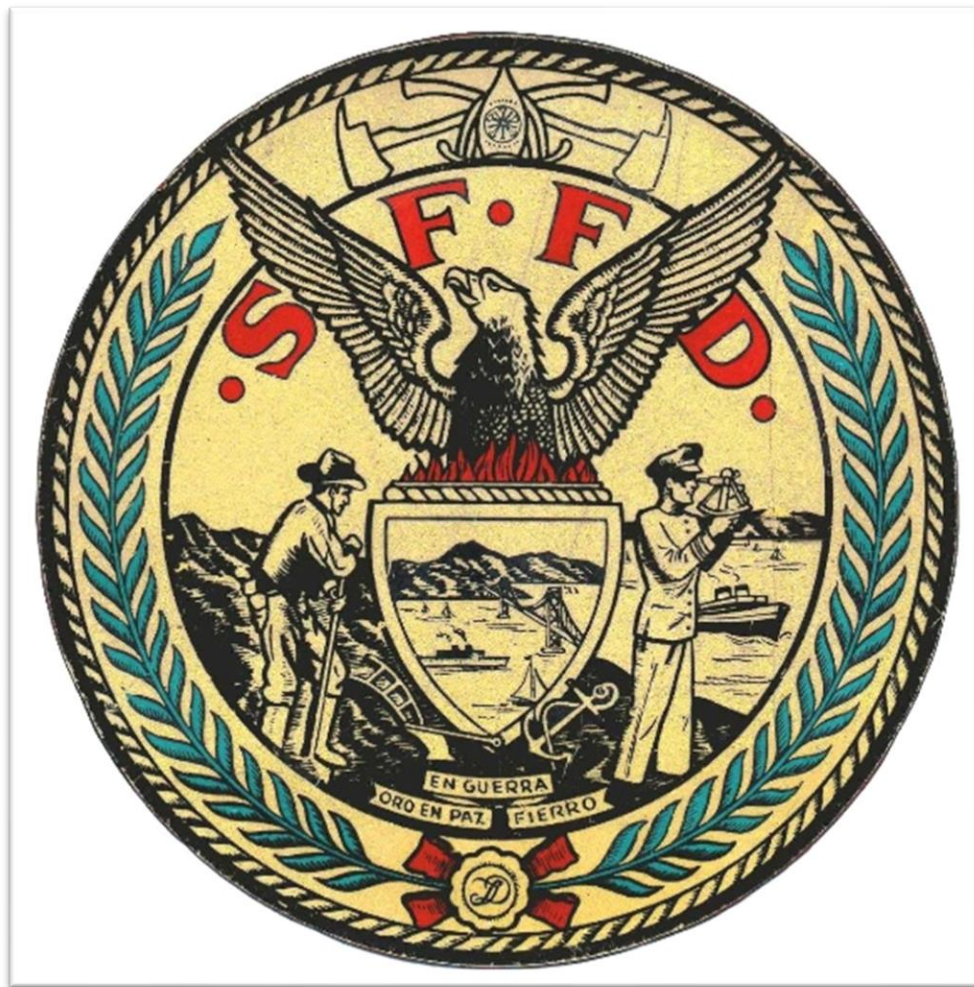
**Fire Commission Report
July 2025**

Glossary of Terms

5/5	Out of service/Out of order
300A Form	OSHA Summary of Work-Related Injuries and Illnesses
3807 Event	Injury Report - did not require medical treatment
5020 Event	Injury Report - required medical treatment
ACLS	Advanced Cardiac Life Support
ACS	Auxiliary Communications Service
ADF	Ambulance Deployment Facility
AHMT	All Hazards Incident Management Team
AOA	Airfield Operating Area (secured airfield area)
APOT	Ambulance Patient Offload Time
APEC	Asia-Pacific Economic Cooperation
ARFF	Aircraft Rescue Firefighting (airport apparatus used on the airfield for fighting aircraft incidents)
AWSS	Auxiliary Water Supply System
BAAQMD	Bay Area Air Quality Management District
BATEP	Bay Area Training & Exercise Program
BAUASI	Bay Area Urban Areas Security Initiative
BBR	Bureau of Building Repair (Department of Public Works)
BHU	Behavioral Health Unit (formerly known as the Stress Unit)
BLS	Basic Life Support
BOE	Bureau of Equipment
BUF	Bureau of Urban Forestry
CA TF3	California Task Force 3 - Urban Search and Rescue
CERS	California Environmental Reporting System
CIRT	Critical Incident Response Team
CJAC	California Fire Fighter Joint Apprenticeship Committee
COES	California Office of Emergency Services
DBE	Design-Build Entity
DBI	Department of Building Inspection
D & D	Doffing and Donning
DEM	Department of Emergency Management
DOC	Department Operations Center
DOC	Daily Operational Check
DOT	Department of Training
DSCA	Defense Security Cooperation Agency
DWC	Division of Workers Compensation
EAP	Event Action Plan for Planned Events
EAP	Employee Assistance Program
EFWS	Emergency Firefighting Water System
HER	Electronic Health Records
EHMR	Elastomeric Half-Mask Respirator
EMS PIP	EMS Performance Improvement Plan
EOC	Emergency Operations Center
EtOH	Ethyl Alcohol
FAR	Federal Aviation Regulations (FAA guidelines for operating)

FDOC	Fire Department Operations Center
FFCCS	Fire Fighter Cancer Cohort Study
HAZWOPER	Hazardous Waste Operations and Emergency Response
HPH	High Pressure Hydrant
HRET	High Reach Extendable Turret (piercing nozzle on ARFF rig)
HSS	Health Service System
IAFF	International Association of Firefighters
IAP	Incident Action Plan
IPSDI	International Public Safety Data Institute
JOC	Job Order Contracting
LARRO	Low Angle Rope Rescue Operational
LODD	Line of Duty Death
MCI	Multi Casualty Incident
MEP	Mechanical, Electrical and Plumbing
MSE	Minor Sidewalk Repair
NCRIC	Northern California Regional Intelligence Center – member of the National
NFA	National Fire Academy
NFORS	National Fire Operations Reporting System
NIOSH	National Institute for Occupational Safety and Health
NTP	Notice to Proceed
OES	Office of Emergency Services
OFA	Opportunities for All
OOS	Out of Service
ORD	Outreach, Recruitment and Development
PSS	Peer Support Team
PX Members	Probationary Members
RC	Rescue Captain
RS	Rescue Squad
SCBA	Self Contained Breathing Apparatus
SFIA	San Francisco International Airport
SPCC	Spill Prevention Control and Countermeasures Plan
SWOT	Strengths, Weaknesses, Opportunities and Threats
TDA	Tractor Drawn Aerials
TITF	Treasure Island Training Facility
USCG	United States Coast Guard
US&R	Urban Search and Rescue
UST	Underground Storage Tank
VAR	Vehicle Acquisition Request
WDO	Working Day Off
WOW	Wellbeing at Work
WMD	Weapons of Mass Destruction

Homeland Security



Homeland Security
ADC Erica Arteseros Brown
July 2025

Meetings/ Events/ Training & Exercises Attended

- Quarterly HS1/CD1 meeting
- Fire Commission Meeting
- Preparedness visit with the staff of the Consul General of Japan
- 4th of July Public Safety Press Conference at SFPD HQ
- US Amateur Golf Tournament support planning meeting
- Interviews conducted for HS1 assistant. Lt. Mark Mauberret assigned. Start date September 2.
- Training & Exercise
 - CHEMPACK orientation with SFFD and DPH
- CCSF
 - CCSF Logistics Tabletop Exercise
 - GG Park Concert Series Citywide meeting
- Department of Emergency Management (DEM)
 - Integrated Preparedness/Training & Exercise Citywide Committee meeting
 - Large-scale Events Tabletop Exercise Initial Planning Meeting

FEMA CA-TF3

- Search Canine Unit
 - Monthly DrillsGolde
 - Cristina Padilla and Samantha Mar session 2 training at Search Dog Foundation
- Rescue/Hazmat/Logistics/Comms specialists
 - Monthly drills
 - White team on standby July

IMT/Mutual Aid/Disaster

CHEMPACK site visit. CHEMPACK is a nerve agent antidote. The program is led by SFDPH.

US Coast Guard

4th of July Operations meeting

Fleet Week

- Planning Meeting 2
- DSCA local to Federal/Military Exercise Planning Meeting

Urban Area Security Initiative (UASI)

- UASI Grants Management and Compliance Training
- SPR Workshop: Operational Coordination & Situational Awareness
- Securing the Cities Principal Partner Meeting

Incident Management Team Development:

EAP development for planned events

Drone Program

Citywide UAS workgroup

NCRIC (Northern California Regional Intelligence Center):

- Lt. Mauberret NCRIC update report
- SAR (suspicious activity report) reporting and review of alerts
- Situational Awareness Distribution to EAP Group

Major Incident Planning

- Superbowl 2026
 - Bay Area Update: Operational Area Coordination at Santa Clara Emergency Management Office
 - FBI/Crisis Management Subcommittee Monthly Meeting
 - Public Safety Subcommittee bi-weekly meeting
- World Cup Soccer 2026
 - Federal Coordinator Meeting Moffit Field

On-going Coordination/Projects:

- Disaster Manual updates & Disaster Checklist Project ongoing- Committee Chair coordination
- UASI grants management
- FDOC
 - Maintain situational awareness
 - Orientation for new command staff
 - Update job aids
- SFPD Operational Orders distribution
- Mobile Command Vehicle

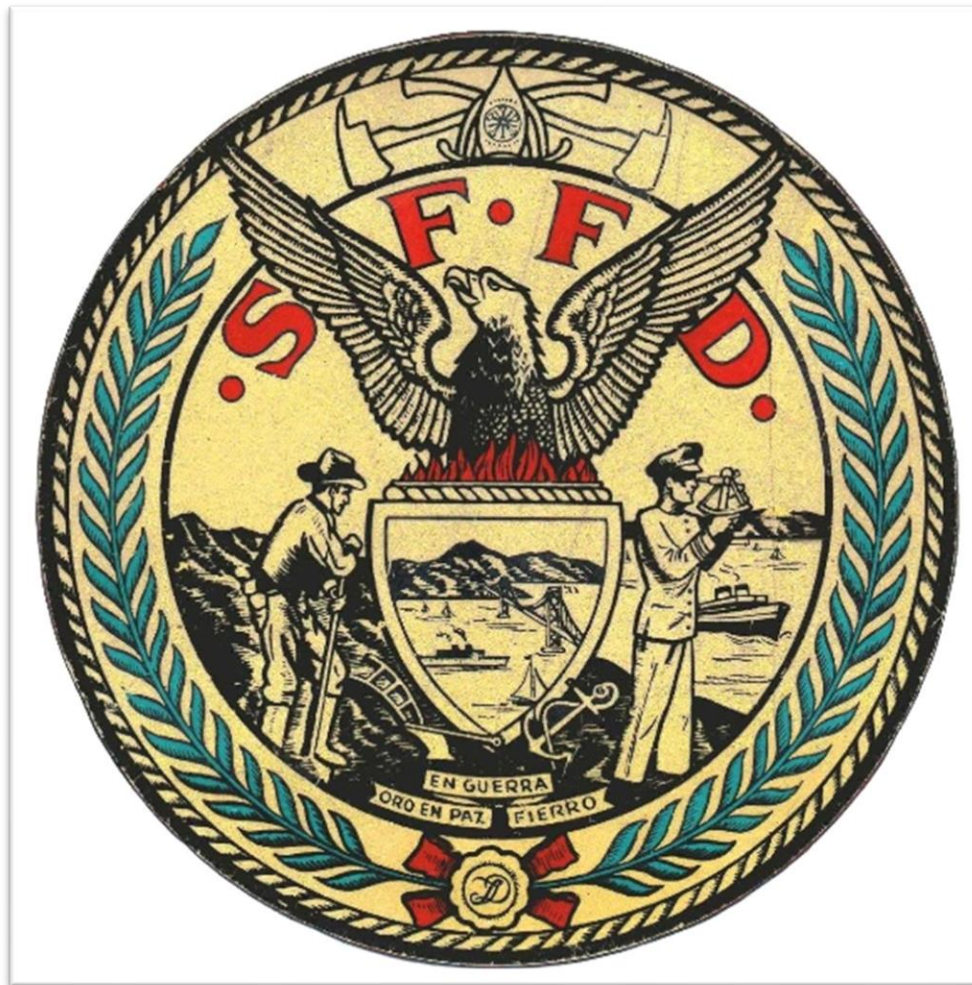
Activation:

- 4th of July (Police) PDOC & Event Unified command post
- Tsunami Event: Virtual FDOC/EOC

Event/Incident Action Plans (EAP/IAP) Completed:

4th of July EAP completed

Outreach, Recruitment and Development



Outreach, Recruitment and Development
July 2025
Lt. Hashim Anderson

EMS Community Outreach, Recruitment & Education

Highway to EMT is a program for graduates from Oakland Unified School District to explore careers in EMS.

- SFFD Hosted program participants at Station 49 and Station 9
- Volunteers from EMS CORE provided a tour of Station 49 and members of Station 9 provided an overview of the Engine and the Truck:



SF Gov TV Video Production

Collaborate with SF Gov TV on SFFD on internal and external videos

- Behavior Health Unit
- Bureau of Fire Prevention
- NERT/LISTOS
- Community Paramedicine
- Division of Training
- EMS Recruitment
- EMS Community Outreach
- New Hose Tender/PWSS

H2 Firefighter Hiring 137 Recruit Class

- Match H2 Firefighter Applicants with FCTC candidates
- Prepare all eligible H2 Firefighter candidates for preliminary panel interviews for the week of August 11.
- Prepare Department members for Panel Interviews
- Over 1,000 applicants for this passed recruitment cycle. Worked with the DHR Public Safety Team and FCTC to verify the minimum requirements of all applicants.
- Work with CD3 to secure a location for H2 interviews. Plan logistics of conducting the interviews with DHR and property owner.
- Prepare General Order for Department members to recruit panelist for H2 interviews.

Outreach Programs

Opportunities For All

The SFFD completed two different cohorts of OFA interns.

- Cohort #1 Completed their EMT certifications and received college credit
- Cohort #2 Completed NERT and received American Heart Association BLS First Aid and CPR training and college credit

Immaculate Conception Academy Cristo Rey

- Lt Cyndy Lucero and Firefighter Ciara Fitzpatrick from CORE are working on creating SFFD internships for ICA students

Scouts of America

- Met with the local leadership of the Boy Scouts to see if the SFFD can establish an Explorer program as a way to develop another pipeline for local youth.

Health, Safety and Wellness



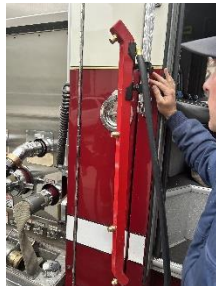
Health, Safety and Wellness
BC Matthew Alba

Commission Meeting Report for Health, Safety, and Wellness July 2025

Every Monday:	Meet with BHU Officer Scola
Every 2 nd Tuesday:	Meet with Chief Brannan
Every Friday:	Follow up with members on DP, retired members and others who have cancer
Every 2 Weeks:	IAFF NFPA Standards Representatives Meeting
Every 2 Months:	Represent Chief of Dept in Family Violence Council Meeting
Every 3 Months:	CD1 Check in
3 rd Tuesday:	Health and Safety Committee Meeting
3 rd Thursday:	San Francisco Firefighters Cancer Prevention Monthly Meeting
4x/year:	Fire Fighter Cohort Cancer Study: Women Firefighters Quarterly Meeting

Status of the Fire Ground Decon Policy

- Revision of General Order **19 A-40 Fireground Decontamination Policy**
Incorporated the operations for the Storm Stick



- As a reminder, it will remove 85% of carcinogens immediately!
- Final Version of the Policy on CD3 Desk
- Filming training video to put on Target Solutions
- Engine 3 has been recruited to be the Engine on the Target Solutions
- Working with MMS to film – hope to have it filmed at the end of August
- Ensuring compliance by adding it as a **“Benchmark” on Tablet Command** (iPad app used to run our incidents)
- Currently “Decon” isn’t a “benchmark” at working fires, like: “Water on the Fire”, “Fire Contained”, “Primary Search Completed”, “Secondary Search Completed”, etc.
- Delivering in-service training to the field so that every station is familiar with the Storm Stick. Planning another city-wide session to expose those members in the field and additionally expose incoming recruits to the device during their time at the tower.

HSW Liaison Tyler Leboa & Retired Lt. Leo Tingin

- Field questions are being relayed to me through the HSW Liaison, which has proven valuable for ensuring continuity and accuracy in the information exchanged between this office and the liaison.
- Stations visited so far:
 - Battalion 8 – Stations 18, 23, 20, 40
 - Battalion 4 – Station 16
 - Battalion 5 – Stations 5, 12, 21
 - Battalion 2 – Station 6
 - Battalion 7 – Stations 31, 22

PPE – Turnouts – Seeking PFAS Free AND BROMINATED FLAME RETARDANTS

- **Dr. Graham Peaslee**, Professor Emeritus, Department of Physics & Astronomy at Notre Dame, published the first peer-reviewed study identifying PFAS in firefighter turnout gear (attached). His company, **Forever Analytical**, offers PFAS testing solutions, from field-deployable detection units to laboratory sample analysis.
- The SFFD has lost trust in turnout gear manufacturers and vendors. As Dr. Peaslee shared, Quincy Fire Department recently in 2025 purchased turnout gear advertised as PFAS-free. When a sample was tested, PFAS levels matched those found in Dr. Peaslee's 2020 breakthrough analysis. Quincy FD immediately returned all 300 sets, prompting a visit from the manufacturer's national head of sales to perform damage control. This example reinforces why SFFD cannot take manufacturer or vendor claims at face value.
- Dr. Peaslee uses a **non-destructive testing method to detect PFAS**, allowing the original sample to be returned to the requesting fire department.
- He is charging SFFD a minimal fee of **\$150 per sample**, with results provided within two weeks. We have submitted Fire-Dex and Lion turnout gear, along with the hoods currently in use, for analysis. Expected turnaround time is less than two weeks.
- **Forever Analytical's proposal** (sent to the IAFF on July 11, 2025) requesting that the IAFF serve as the custodian of Forever Analytical's data. This would hold manufacturers and sales representatives accountable and help prevent situations like the Quincy FD case, where 300 returned sets of turnout gear could be repurposed and sold to another fire department under false pretenses.

Another Pathway for Firefighter Exposure to Per- and Polyfluoroalkyl Substances: Firefighter Textiles

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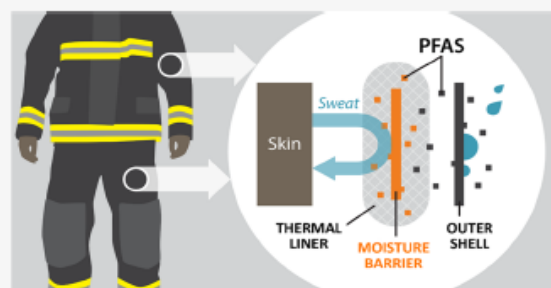
Metrics & More

Article Recommendations

Supporting Information

ABSTRACT: Occupational exposure to aqueous film-forming foams (AFFF) can lead to elevated concentrations of per- and polyfluorinated alkyl substances (PFAS) in firefighter blood sera. AFFF are also one exposure source of PFAS in the general population because of their environmental persistence and solubility in groundwater. Because of the documented adverse health effects of PFAS, the primary concern to date in the fire services has centered on repeated use and exposure to AFFF. In this work, an additional PFAS exposure source for firefighters is presented: PFAS that are shed from their protective clothing. Textiles used as firefighter turnout gear were found to have high levels of total fluorine (up to 2%), and individual PFAS were identified and measured on new and used firefighting turnout gear.

Used gear showed lower levels of PFAS as well as an increased migration into untreated material. A dust measurement from a textile storage area also suggests direct loss of PFAS from the fluoropolymers in the textiles. Because PFAS that are shed from the textiles used in turnout gear are more mobile, they represent another viable exposure source for firefighters that warrants further study.



INTRODUCTION

Per- and polyfluoroalkyl substances (PFAS) are a concern to environmental and human health because of their extreme persistence, toxicity, and ubiquity in modern society.^{1–4} One source of exposure to PFAS is from aqueous film-forming foams (AFFF) that contain PFAS (known as class B firefighting foams). AFFF have been used widely at fire stations for decades and are one of the significant causes of groundwater pollution of PFAS^{3,5,6} and the health risks from contaminated drinking water.⁷ As a result, occupational health concerns related to PFAS are becoming more prevalent in firefighting services.^{8–12} Firefighters are exposed occupationally to many hazardous chemicals including PFAS from the use of AFFF. Over the past 30 years, the leading cause of death in the fire services has changed from cardiac events to cancer, and alarmingly, 70% of firefighters are predicted to die eventually from cancer,¹³ which is significantly higher than the general population. Firefighters are exposed to multiple carcinogens in combustion products, and although the use of personal protective gear (e.g., self-contained breathing apparatus use and decontamination procedures post event) minimizes exposure, only recently have procedures been established to minimize exposure to Class B foams. There are established links between PFOA and testicular cancer, mesothelioma, non-Hodgkin's lymphoma, and prostate cancer.^{14–16} These are four of the top eight cancers that firefighters contract more than the

general public,^{17,18} and there is reasonable concern that PFAS exposure poses a health risk for the firefighting services. In addition, the demonstrated immunotoxicity of PFAS in the body^{19,20} suggests that populations with increased PFAS concentrations in their blood sera^{11,12} will be vulnerable to the wide range of opportunistic diseases and cancers that affect populations with compromised immune systems exposed to PFAS.²¹

The personal protective equipment (PPE) used by US firefighters, their "turnout gear", is manufactured from textiles that are made from fluoropolymers (one form of PFAS) or extensively treated by PFAS in the form of side-chain fluoropolymers.²² These chemicals are used in firefighter textiles primarily to impart durable water and oil resistance.²³ This resistance prevents the turnout gear from becoming water soaked and adding significant weight to the PPE gear each firefighter must carry during a fire event. These PFAS include fluoropolymer materials such as PTFE used as a moisture barrier in the inner layers of turnout gear. Typically, a cloth

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thermal liner surrounds the PTFE layer, and it is not usually PFAS treated. There is always an outer shell (on both jacket and pants) that contains additional PFAS in the form of side-chain fluoropolymers built into the fabric or additional PFAS treatments applied after the fabric is woven.²³ These layers are shown schematically in the TOC figure.

While the use of PPE is essential to firefighter safety, in this study, we hypothesize that the use of PFAS-treated textiles in their PPE leads to a potential source of PFAS exposure. This could occur either through degradation of the textiles and subsequent ingestion or inhalation, or direct contact with the skin and dermal absorption. The durable water resistance provided by PFAS applied to textiles and carpets is known to degrade with time, exposure to sunlight, heat, and water.^{24–26} As this occurs, then turnout gear will also shed some of its PFAS to the environment with time and may present a hazard to the firefighter using the gear. In this study, unused and used turnout gear volunteered by in-service and retired firefighters provides the first evidence for the migration of PFAS from PPE and the fluoropolymers within it. A possible exposure route is identified, which suggests this source should be studied more extensively and that prophylactic measures should be adopted to reduce the risk of PFAS exposure to firefighters.

MATERIALS AND METHODS

Sample Collection. Turnout gear and fabric swatches from turnout gear were collected from fire service volunteers across the US who mailed the samples to the University of Notre Dame, together with identifying information that included manufacturer, date of manufacture, date in-service, and date out-of-service (for those items that had been worn). There were over 30 sets of unused and used turnout gear collected, and these included jackets, pants, and accessories. The turnout gear was manufactured from six primary US companies with textiles made from four different US manufacturers (listed in Table S1). All used sets of turnout gear had been in service for at least several years in major metropolitan areas. Three samples of used gear from 2005, 2009, and 2012 were also provided by the South Australian Metropolitan Fire Service.

Once the turnout gear samples had been fully identified and labeled as unused or used, and by gear and fabric manufacturer, it was determined that for this preliminary study, only jackets and pants would be studied, and only aggregate results from all manufacturers would be used as there were insufficient statistics to discern differences between manufacturers. In addition to the textile samples, a dust sample was collected from one PPE processing facility for an urban fire district. The dust sample was collected from the floor using an alcohol wipe. This PPE processing facility was a small isolated workspace that was uncarpeted and only handled the distribution of turnout gear for use in the fire district. No other fire service activities were conducted in this space nor was any gear except textiles stored there.

Total Fluorine Measurements for Textiles and Dust. Initial measurements of total fluorine in all samples were performed by particle induced gamma-ray emission (PIGE) spectroscopy as outlined in Ritter et al.,²⁷ at the Nuclear Science Laboratory at the University of Notre Dame.²⁸ Since inorganic fluoride is not typically found in textiles, it was considered negligible in these samples. PIGE has proven to be a rapid screening technique that can screen for PFAS use in textiles.²⁹ The PIGE screening method is rapid and has been demonstrated to yield a signal proportional to total fluorine

content by an interlaboratory comparison study.³⁰ A complete explanation of sample preparation and analysis of total fluorine by PIGE is described in the SI.

Textile and Dust Extractions and LC–MS/MS Analysis. To further screen for the degradation of PFAS from the turnout gear, a subset of eight representative textile samples and one dust sample were subject to a base-assisted extraction. These methods were adopted from the U.S. EPA method for soils extractions and were provided to us by the certified commercial testing laboratory, which performed the LC–MS/MS analysis (Vista Analytical). The three Australian samples were similarly extracted and sent directly to an independent laboratory (EnviroLab, Australia) for LC–MS/MS analysis and Total Oxidizable Precursor Analysis (TOPA).³¹ The extraction method and analysis details are included in the SI.

RESULTS AND DISCUSSION

The various turnout gear sets were found to be relatively uniform in their construction of textile layers. As shown in the TOC art, there was an inner “moisture barrier” layer that was manufactured from PTFE material that was typically covered with a “thermal liner” made from untreated fabric. This layer was closest to the skin. Then there was an “outer shell layer” material that was a heavier textile that provides both water and oil resistance. The initial PIGE survey of the turnout gear revealed very high total fluorine levels in both the moisture barrier and outside shell layers of every textile sample tested. However, there were distinct differences (by factors of two or more) in the total fluorine measured between different textiles used in the construction of the moisture barriers and outer shells. The averages of 53 different total fluorine measurements for the thermal liner, both unused and used, are shown in Table 1, where all the cloth thermal liners have been included, but only a subset of 20 outer shells that were manufactured from a specific textile brand and model were included to minimize the variations between brands. Note that total fluorine concentrations in new outer shells were averaging more than 2% by weight. Even with this comparison of similar garments, the relative standard deviations of these measure-

Table 1. Average Total Fluorine Concentrations and Standard Deviations of Unused and Used Turnout Gear Measurements^a

	thermal liner (interior)	thermal liner (exterior)	outer shell
unused gear	50 ± 22 ppm (n = 16)	105 ± 53 ppm (n = 18)	21 500 ± 5000 ppm (n = 10)
used gear	72 ± 39 ppm (n = 10)	145 ± 40 ppm (n = 9)	15 700 ± 3700 ppm (n = 10)
% difference	+44%	+38%	−27%
t test	t(24) = 1.85 p = 0.038	t(25) = 1.97 p = 0.030	t(18) = 2.96 p = 0.004

^aUnused gear is turnout gear that had never been unpacked from its original container. Used gear is turnout gear used in a major metropolitan fire department for between 3 and 10 years. The measurements are in parts per million fluorine. The numbers of samples measured are listed in each category, the percentage difference between unused and used is highlighted in the third row, and the student t test results are shown in the last row assuming equal variances. The individual PIGE measurements are listed in Tables S3 and S4. The exterior of the thermal liner touches the PFAS-treated outer shell and the fact that it has higher total fluorine is also significant.

Table 2. Quantities of Target PFAS (in ppb) Found in US Turnout Gear by LC–MS/MS Analysis

values in ppb	jacket 2008 unused			pants 2014 used			jacket 2008 used	jacket 2017 unused
	thermal liner	moisture barrier	outer shell	thermal liner	moisture barrier	outer shell	moisture barrier	moisture barrier
PFBA	<MDL	12.8	10.6	139	615	21.5	20.5	991
PFPeA	<MDL	12.6	17.8	228	104	164	18.1	2.49
PFHxA	<MDL	30.5	36.9	199	28.6	10.9	35.8	36.9
PFHpA	<MDL	12.4	25.4	105	5.82	2.23	14.3	25.4
PFOA	78	46	182	850	71	97	37	<MDL
PFNA	2.63	<MDL	8.2	25.3	1.95	<MDL	2.76	<MDL
PFDA	2.98	6.51	5.51	133	<MDL	<MDL	23.7	<MDL
PFUnA	<MDL	<MDL	<MDL	7.96	<MDL	<MDL	2.51	<MDL
PFDoA	<MDL	5.01	<MDL	68.6	<MDL	<MDL	25.9	<MDL
PFBS	283	140	142	53 400	47 900	1050	230	90 400
PFOS	<MDL	<MDL	<MDL	7	<MDL	<MDL	2	<MDL
6:2 FTS	<MDL	<MDL	<MDL	25.9	12.9	<MDL	<MDL	<MDL
8:2 FTS	<MDL	<MDL	<MDL	11.1	<MDL	<MDL	<MDL	<MDL

ments are large, which is expected from surface measurements of coarse textiles that have different ages and have had different wear and exposure times.

The moisture barrier measurements are not included because their total fluorine levels were typically >30% and unable to be quantified by PIGE. This is consistent with fluoropolymer use (PTFE) in the moisture barrier. The thermal liners in this study were not intentionally treated with PFAS according to the manufacturer's websites, yet significant fluorine signatures were found to be present in all thermal liners at part-per-million levels. The average total fluorine found in 11 new material swatches obtained from a textile manufacturer before being made into thermal liners was below the LOD, considerably lower than any of the thermal liners measured once sewn into turnout gear. This consistent observation of fluorine in the untreated layers is the first evidence that suggests PFAS appear to migrate from the highly fluorinated layers and collect in the untreated layer of clothing worn against the skin. What is also of particular note for the total fluorine measurements is that Table 2 reflects an average over many sets of gear but still shows a statistically significant loss of 27% of the surface fluorine between new and used gear. When the samples of unused outer shells from 2007/2008 and identical make and model turnout gear samples that were in service for 10 years were compared in 2019, the data (shown in Figure S1) suggest that roughly 80% of the total fluorine was lost from the surface of the outer shell on the used turnout gear.

These data are consistent with the idea that PFAS that are degraded from the constant contact of the thermal liner with the moisture barrier and outer shell collect in the cloth of the thermal liner. The fact that the exterior of the thermal liner (which touches the moisture barrier directly) is precisely double the concentration of the interior of the liner (average = 118 ppm/59 ppm, $t(50) = 4.91$, $p < 0.00001$) for both new and used gear also supports this observation. Since PIGE is a surface analysis technique that measures the top ~100–200 μm of the textile, this loss of total fluorine and the PFAS they represent does not mean that the durable water resistance of the garment is lost at this rate. There is roughly ten-times the material thickness that was not measured by PIGE that presumably retains most of the garment's water resistance. The thermal liner total fluorine actually increased significantly (35%, $t(51) = 1.87$, $p = 0.033$) over the decade of use for the comparison garments and varied significantly from the original

textile swatches of untreated thermal liners, which had no appreciable fluorine content. Startlingly, garment-to-hand transfer of total fluorine in the ppm range was also observed when researchers simply manipulated the textiles in our laboratory (see Table S8). This accumulation of PFAS on hands has been observed recently for other textiles.³² It is important to point out here that transference of ppm levels of PFAS is not equivalent to that level of exposure. Further studies are needed to deduce the fraction of the shed PFAS that can become bioavailable in blood via the different exposure pathways of dermal absorption, ingestion and inhalation.

The LC–MS/MS analysis of the base extractions from the turnout gear identified the specific nonpolymeric PFAS present. PFAS were found in every extraction from every garment, and all spike recoveries were between 80–120% for all analytes, and all the sample blanks (pure solvents) were below limit of detection. The primary PFAS found and their average concentrations for each layer are summarized in Table 2. A listing of all the specific PFAS analytes and their concentrations and minimum detection limits (MDL) can be found in Table S2.

An independent LC–MS/MS analysis of three used garments was performed using identical methods by the South Australian Fire Service, and very similar signatures were found, which are listed in Table S7. Note that PFAS are readily extractable from every layer of turnout gear and in significant quantities (ppb).

The concentrations of PFAS found upon extraction (Table 2) are much lower (measured in ppb) than the total fluorine numbers for the outer shell and the moisture barrier (Table 1, measured in ppm or %) because the vast majority of fluorine remains as polymeric PFAS. The total fluorine measurements are much closer to the sum of the PFAS concentrations found by LC–MS/MS for the thermal layer, another indication that this fluorine represents PFAS that have been released from the moisture barrier and the outer shell. The majority of PFAS identified in the extraction from textiles are found in the short- and long-chain fluoroalkyl acids including PFOA. The newest moisture barrier was the only sample tested that did not have observable PFOA present (Table 2), presumably because of the switch from long-chain PFAS solvent aids during the manufacture of PTFE around 2012. There were very high levels of PFBS found in this item instead (>90 ppm), which may indicate the new solvent aid used. There were two orders

of magnitude more PFBS found in the two post-2012 moisture barriers and one thermal liner samples, compared to the two pre-2012 moisture barriers and one thermal liner, and very few other sulfonates.

The PFAS concentrations for dust collected in a PPE handling office are shown in Table S5 for both a base extraction as well as a methanolic extraction. In comparison to the textiles, the base extraction of the dust sample has similar PFAS signatures and concentrations (more perfluorinated carboxylic acids than sulfonates in general, and present in the ppb range). The presence of n-Et-FOSAA in the methanolic extraction of the dust sample, however, indicates the degradation of side-chain fluoropolymers since n-Et-FOSE is the typical fluoroalkane used to form the methacrylate esters that polymerize to form the backbone polymer of the fabric.^{33,34} After decomposition and hydrolysis, Et-FOSE will oxidize into an aldehyde and eventually Et-FOSAA,^{35–37} which is observed in the PPE processing center dust. The absorption, ingestion, or inhalation of this decay product could lead eventually to PFOA³⁶ in humans, and in the base digestion of the fabrics, Et-FOSE was presumably oxidized to PFOA.³⁶ Since AFFF formulations^{38,39} typically have characteristic short- and long-chain fluoroalkyl sulfonates present, in addition to fluorotelomer sulfonates, and a few perfluoroalkyl acids determined in environmental samples, this PPE facility dust sample does not seem to reflect extensive AFFF contributions but more likely degradation from turnout gear.

This preliminary study suggests that significant quantities of fluorochemicals are being shed from the textiles used in PPE for firefighters during the in-service lifetime of the garment. The side-chain fluoropolymers in particular lead directly to PFOA precursor materials in the environment, which provide another route of exposure to both users of the turnout gear and others in the immediate environment. There may also be more direct pathways for these PFAS to enter the body, through dermal absorption for example, as was recently suggested with PFAS in mice,⁴⁰ or inhalation of PFAS-containing particles and fibers resuspended from the turnout gear.

The role of clothing in promoting dermal absorption of other contaminants has been reported previously,⁴¹ and while the preliminary nature of this study requires further testing to be performed to assess the magnitude of this exposure route, several important safeguards should be considered immediately for fire service personnel. Minimization of contact with PFAS-treated turnout gear could be done in much the same way firefighter safety has been improved by minimization of exposure to fire combustion products. Keeping PFAS-treated turnout gear segregated from other textiles and living quarters and washing the thermal liners before first use might also be helpful strategies. Wearing PFAS-free clothing under the turnout gear and washing it regularly would also help to minimize skin exposure and washing hands after touching turnout gear would be precautionary.

■ ASSOCIATED CONTENT

Supporting Information

The Supporting Information is available free of charge at <https://pubs.acs.org/doi/10.1021/acs.estlett.0c00410>.

Detailed description of materials and methods including summary of gear collected and PFAS analytes measured and their MDLs; PIGE measurements for thermal liner and outer shell; PIGE data compared to age of textile;

new gear to used gear comparison; LC–MS/MS data for the dust sample and for US textiles; PIGE data on nitrile gloves before and after handling the gear (PDF).

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Notes

The authors declare no competing financial interest.

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Behavioral Health Unit
Lieutenant Matthew Scola and Firefighter Chelsea Nelson
July 2025

Meetings

Health & Safety Committee

Meeting of department members and staff to improve support, education, and access to resources for physical and psychological wellness.

- Members in Attendance: Chief Alba, Lt Scola, MD Chang, NP Phelps, Boone, Cpt Buren, FF Nelson
- Updates from Sub Committee chairs.

On-Boarding Meeting with Fr. Guittierez

Objectives:

- Discussed his background, current roles, and responsibilities
- Reviewed expectations and role of SFFD chaplain
- Explained SFFD culture and history of chaplaincy program

SFHSS Employee Assistance Program ComPsych Monthly Check-In

Joint meeting of SFHSS EAP staff and department Peer Support representatives

On-going:

- Address any issues with members accessing EAP therapy via ComPsych.

Upcoming:

- In-Person Provider & Peers Meet & Greet, September 8th
- Location: SFFD DOT (Folsom)

SF First Responder Peer Support Summit & Advisory Committee

Monthly First Responder Peer Support meeting.

- Departments in Attendance: ACC, DEM, ME, SFFD, SFPD, SF Sheriffs
- Discussed current critical incidents and issues for each department.

Events

Community Debriefs: Station 49 & Community Paramedicine

Initiative between EMS and the Employee Assistance Program

- Navigator Nelson attends to support the EAP Specialty Provider and connect with members at both Station 49 and Community Paramedicine

In-Person Visit to Mountain Vista Farm Recovery Program
Meeting with program staff to tour the MVF facility and discuss treatment planning for members.

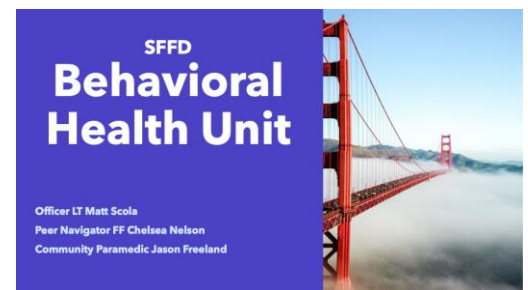
- Attendees: BHU Officer Scola and Navigator Nelson
- Discussed: First responder-specific programming, inpatient treatment for alcohol, drugs, and other addictions, case management with MVF staff, workers' compensation and insurance options



Training

SFFD H3 L1 & L2 Academy

- Facilitators: BHU Officer Matt Scola and Peer Navigator Chelsea Nelson
- Topics: First Responders and Stress, PTSD, Mental Health, Sleep Habits, Addiction, and BHU Services.
- Offerings: Educational materials on local and national crisis response organizations, SFFD Wellness App (Lighthouse)



SFFD 136th H2 Family Orientation

- Facilitators: BHU Officer Matt Scola and Peer Navigator Chelsea Nelson
- Topics: First Responder Career, Realities of First Responder Family, BHU Services, Mental Health & Wellbeing Practices
- Offerings: Educational materials on local and national crisis response organizations, SFFD Wellness App (Lighthouse)



SFFD 136th H2 Recruit Academy

- Facilitators: BHU Officer Matt Scola, Peer Navigator Chelsea Nelson, Community Paramedic Jason Freeland
- Topics: First Responder Career, Mental Health, Sleep Habits, Addiction, PTSD, Protective Practices, and BHU Services



- Offerings: Educational materials on local and national crisis response organizations, SFFD Wellness App (Lighthouse)



Benefits of the Fire Service Career

- Non-Traditional Schedule
- Time & Money to Pursue Hobbies/Education
- Financial Stability During Career & After
- Strong Insurance & Benefits
- Diverse Work Environment

Why We Offer these Services

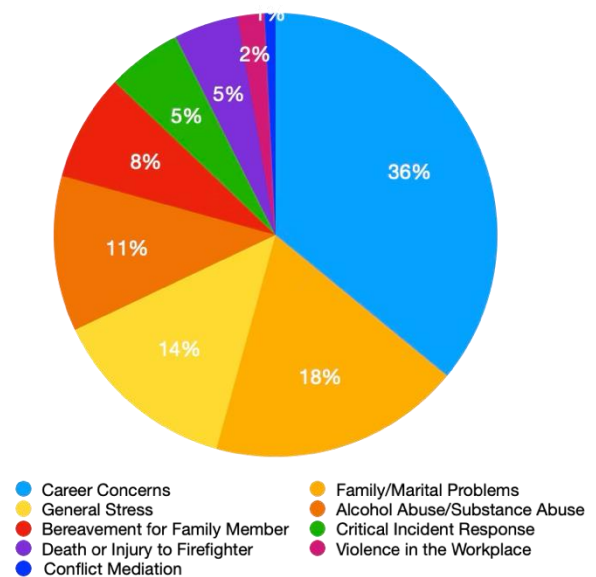
- First responders will encounter more traumatic incidents in a shift than most people experience in a lifetime.
- The exposure to secondary trauma and the nature of shift work can impact mental, physical and emotional health.

Analytics

BHU Peer Support Call for Service – July 2025

Stress Factor	Stress Factor (Count All)
Career Concerns	92
Family/Marital Problems	47
General Stress	35
Alcohol Abuse/Substance Abuse	29
Bereavement for Family Member	20
Critical Incident Response	14
Death or Injury to Firefighter	12
Violence in the Workplace	5
Conflict Mediation	2
Grand Total	256

BHU Peer Support Calls for Service - July 2025

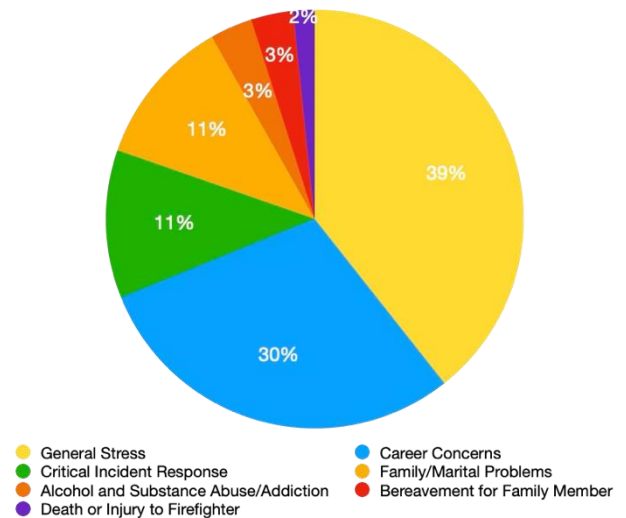


Comparison with Past Data:

BHU Peer Support Call for Service – July 2024

Stress Factor	Stress Factor (Count All)
General Stress	24
Career Concerns	18
Critical Incident Response	7
Family/Marital Problems	7
Alcohol and Substance Abuse/Addiction	2
Bereavement for Family Member	2
Death or Injury to Firefighter	1
Grand Total	61

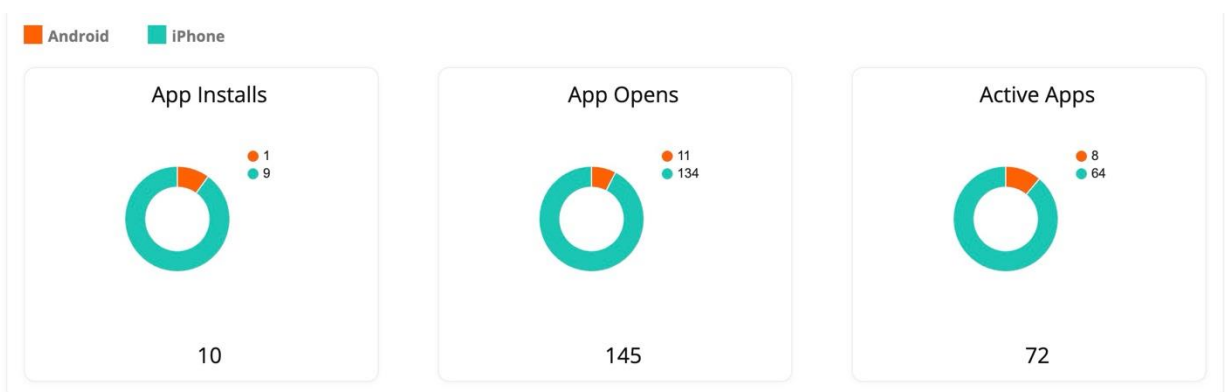
BHU Peer Support Calls for Service - July 2024



BHU Journal Highlights:

- Calls for service continue to increase, illustrating a growing awareness of the BHU team, greater comfort with accessing BHU services (reduced mental health stigma), and a growing demand for first responder support services.
 - o Calls for service increased by 320% compared to July 2024 (7/2024: 61; 7/2025: 256).
- July 2025 Top Stressors:
 - o Career Concerns: investigations, interpersonal issues with coworkers, change of assignment, promotional exams, leave options, workers' compensation claims.
 - o Family/Marital Problems: therapy for family members, couples counseling, separation/divorce, child custody.
 - o General Stress: referral to therapy, health concerns, and anger management.

SFFD Wellness App (Lighthouse) Analytics – July 2025



Misc.

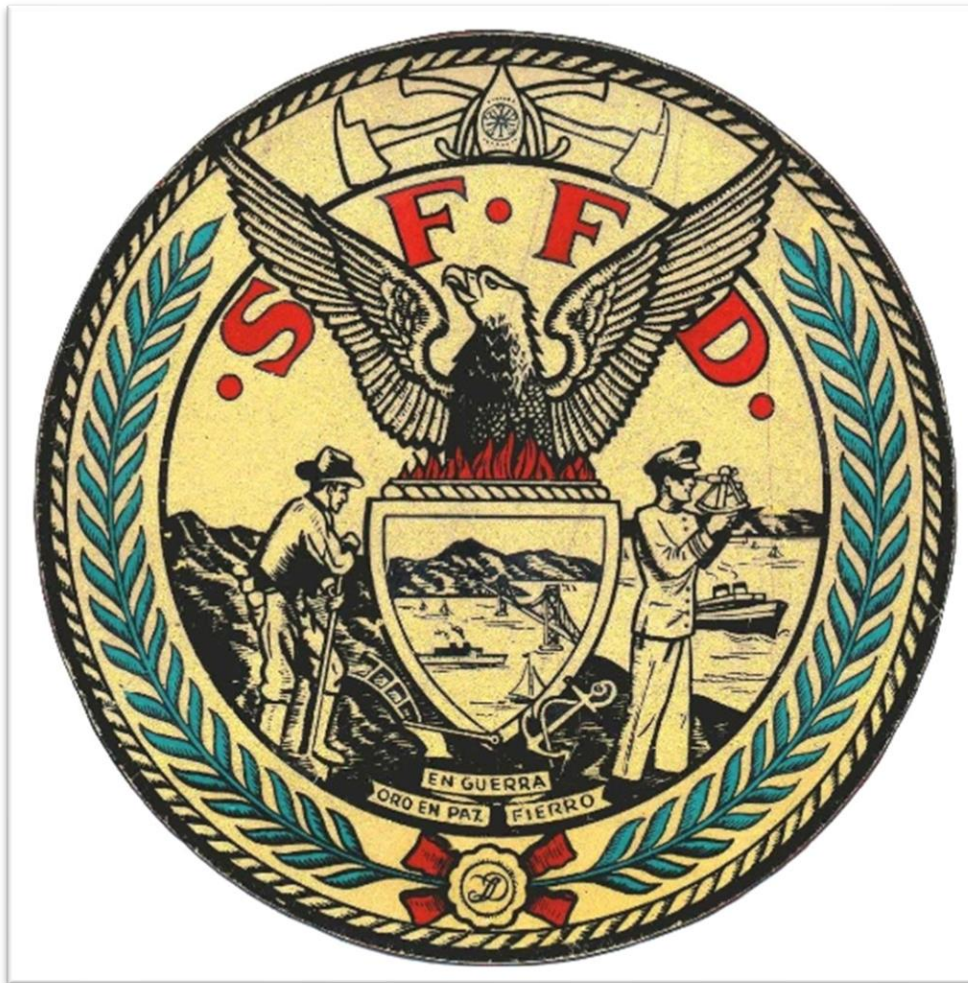
1. Staffing Update:
 - Interviewed 5 applicants for Peer Navigator position
 - Identified two excellent candidates
 - Paramedic Matt Fluke begins onboarding on 8/18/25
2. On-Going Outreach: 5 station visits in July; introduce team and services; connect with members; empower Captains; answer questions
3. Analytics & Data Tracking:
 - Journal Mapping to improve BHU Calls for Service data (see picture)
 - Scheduled rebuild of the BHU Journal to improve data tracking with the Chief Information Officer



Environmental Occupational Health and Safety
Anthony Boone, CIH, CSP, CHMM, CEI
July 2025

- Performed Spill Prevention and Countermeasures Plan (SPCC) inspections.
- Reviewed Monthly UST inspections.
- Attended monthly health and safety meetings, including new subcommittee meetings.
- Investigated several member exposure reports.
- Updated CERS hazardous materials inventory for all stations.
- Submitted Air Permit application for Station 42.
- Conducted Forklift Training for 5 new operators at Station 49.
- Conducted ergonomics review for Community Paramedicine Captain Megan Byrne
- Conducted close out call for Cal-OSHA investigation for incident at Treasure Island Training Facility. Inspector indicated two citations will be labeled as serious. Submitted paperwork for the appeal process of the two serious violations.
- Conducted Heat Illness Prevention training, Hearing conservation training, and Health and Safety Orientation for 136th Recruit Class.
- Completed Mandatory City cybersecurity training.

Office of Employee Health



***Office of Employee Health
Steven Chang, DO, DABFM, Supervising Physician
June 2025***

Summary of Activities

Return to Work Clearances: 30

New Hire Activities:

- Continued screening and evaluation of candidates for the H2 Academy, scheduled for July 2025.

Promotional Exams Conducted: 1

End of Probation Exams Conducted: 15

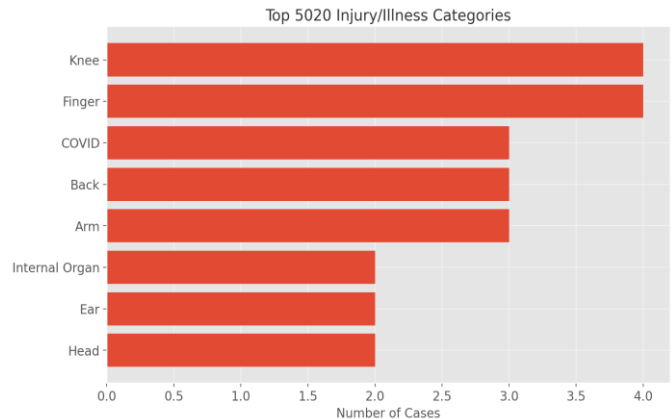
Summary of Work-Related Injuries and Illnesses

Total Reported Incidents:

- 3807 Forms: 71 cases (no medical evaluation required)
- 5020 Forms: 31 cases (completed medical evaluations)

Top Three 5020 Injury/Illness Categories:

1. Finger, Knee - 4 cases each
2. Arm, Back, COVID - 3 cases each
3. Head, Ear, Internal Organ - 2 cases each



5020 Incidents Resulting in Time Off Work: 18

Other Activities

Meetings & Collaborations

- **Technology and Data Management**
 - Enhancing systems for:
 - Supervisor Accident Investigation Reports (SAIRs)
 - Workers' Compensation claim monitoring
- **Occupational Health Coordination**
 - Ongoing partnership with ZSFG Occupational Health to provide member services
- **Workers' Compensation & Legal Engagements**

- Continued coordination with Workers' Compensation Representatives to improve care delivery
- Engagement with City Attorneys on pertinent legal issues
- **Committee Participation**
 - CCSF Joint Labor Management Committee
 - Behavioral Health Unit (BHU) Subcommittee
 - Health and Safety Planning Committee
 - Initiated the Physical Health and Injury Prevention Subcommittee
- **Recruitment & Hiring Initiatives**
 - Collaborative efforts with the recruitment team to enhance and streamline hiring processes

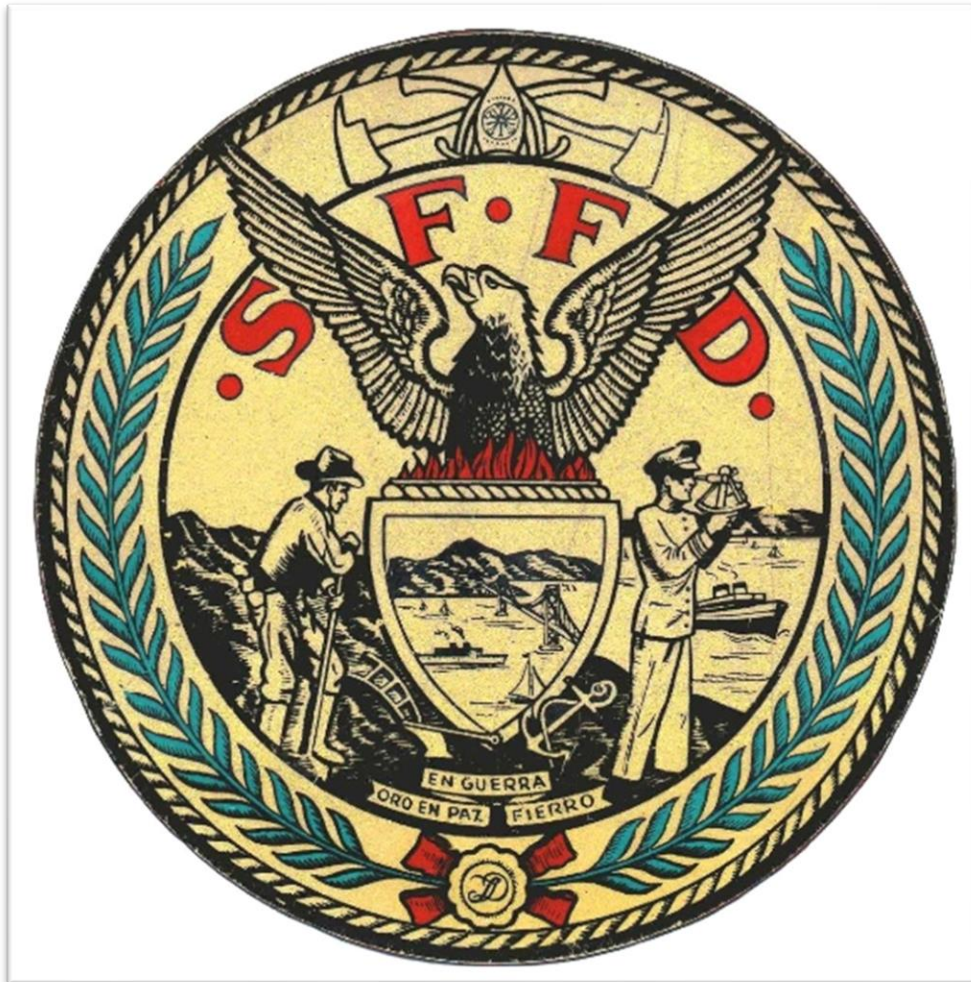
Health and Wellness Initiatives

- **Annual TB and Hearing Screenings**
 - Conducted large-scale events throughout April and May 2025
 - Make-up screenings offered to increase participation
- **Annual Wellness Exam Program**
 - Emphasis on increasing participation and improving program effectiveness
 - Promotional efforts to boost engagement
- **Recruit Nutrition Program**
 - In collaboration with Health Service Systems and Kaiser:
 - Pre-Physical Training Nutrition Talk: successfully conducted January 22, 2025
 - Coordination underway to deliver the talk for the upcoming H2 Academy
 - Post-Physical Training Nutrition Talk: Webinar to be distributed July 2025
- **Physical Fitness and Training Support**
 - Discussions with Health Service System to offer strength and fitness classes at various fire stations
- **Electronic Health Records (EHR) System**
 - Continued progress toward implementing a new EHR system to improve documentation and accessibility

Continuous Quality Improvement (CQI)

- **Data and Reporting Needs**
 - Collaborating with IT to define essential metrics for:
 - Strategic decision-making
 - Operational planning
 - Trend analysis
- **PDSA (Plan-Do-Study-Act) Cycle Development**
 - Testing and refining small-scale improvements
 - Assessing effectiveness before full implementation
 - Fostering a culture of continuous learning and responsive problem-solving

Research and Planning

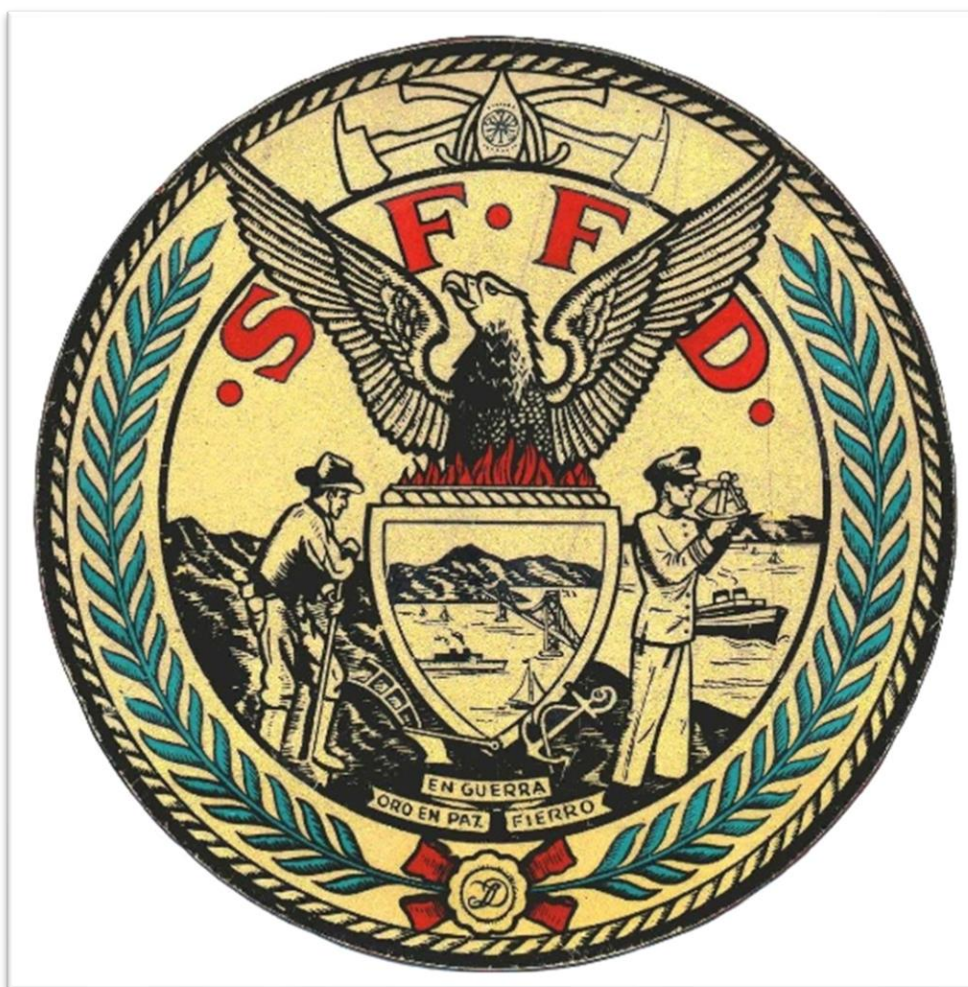


Research and Planning (Assignment Office)
Captain Matthew Balzarini

List of recent activity in the Assignment office for **July 2025**

1. Assignment Office is working with the EMS Division and Community Paramedicine for on-going staffing and scheduling.
2. Assignment changes for Fire Suppression, all ranks. For staffing and promotions.
3. Planning and timeline for Vacancy and Vacation Bid.
4. Vacation Relief (VR) moves
5. Promotional and separation entries in HRMS.
6. Ongoing work with Fire Prevention and Fire Investigation on staffing and scheduling.
7. Working with the Airport Division for staffing and preparing for their vacancy bid.
8. Ongoing work with Fire Payroll for discrepancies every pay period.
9. Ongoing work with the Office of Employee Health with placement and management of members on Temporary Modified Duty.
10. Working with Homeland Security and EMS for the staffing of special events.
11. The EMS WDO-In-Advance continues per General Order 20 A-08. In accordance with the policy, pre-hiring 75% of open ambulance shifts seven days in advance.
12. Continue WDO-In-Advance Policy for Suppression members, General Order 21A-64. Pre-hiring 50% of shortage seven days in advance on Saturday and Sunday only.
13. Continue Mandatory Credit given WDOs for weekends to increase voluntary WDOs.
14. Movement of new relief Incident Support Specialists to shadow spots.
15. Coordinating with IT for upgrades to the Human Resources Management System for greater ease in tracking personnel movement.

Investigative Services Bureau



***Investigative Services Bureau
Captain Colin Carter
July 2025***

Fireboat/Energetix DOT Testing Program

- The Fireboat / Engineer testing is now under the random testing program and the names are added to the draw pool daily from Datco Services.

Random Alcohol and Drug Testing Program

- The Random Alcohol and Drug Testing Program was compliant for the month of July. No positive tests were recorded. Monthly checks of testing equipment / inventory completed for ISB 1&2, AP, D2, D3, and MD office.

- ISB equipment & supplies at sufficient levels but did send one breathalyzer (have a reserve) in on 7/11/25 for repair because of malfunction. No cost – under warranty. Repaired and received back on 7/28/25.

- Continued to monitor last chance agreements and testing as outlined in agreements.

Conditional Offer, Promotional and End-of-Probation Alcohol and Drug Testing Program

- Twenty-Six (26) members participated in pre-employment, promotional, and end of probation alcohol and drug testing with the M.D. office. Six (6) DOJ LiveScan were also completed.

Post Accident Investigations

- Two (2) post-accident investigations were conducted in July. Two (2) members tested in total (Two ambulances).

California Driver Licenses (CDL)

- Cpt Carter continued to monitor all dept. members' driver licenses via CA DMV Pull Notifications.

- ISB continued driver license audits. Added new employees into DMV system and removed employees no longer employed by SFFD.

- ISB office continued to update all members' licenses and DL546 health questionnaire forms in HRMS. Seventy (70) CDLs updated/renewed in July. CD3 memo (25-03) was released 5/21/25 to assist getting all members current with DMV health questionnaires and completing the Firefighter endorsement on their driver licenses. Thirty-six (36) DL546 forms completed and verified with the DMV between 7/01/25 and 7/31/25.

Background Investigations

- Intake interviews were conducted for the next H3 Academy (28/14) to start in September 2025. 45 candidates sent to ISB for backgrounds. 43 intakes completed between 7/15-7/29/25.

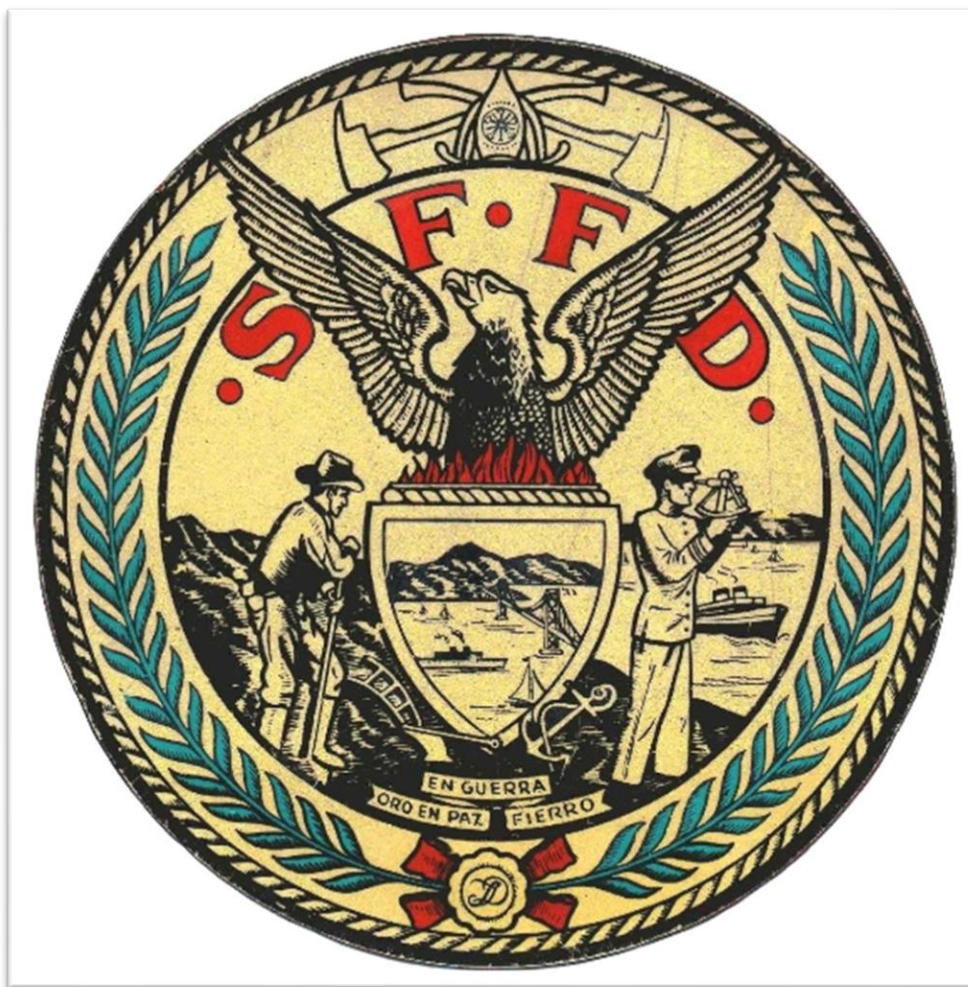
Background investigations commenced on 7/30/25 for the 43 candidates.

- ISB finished digitizing all records of all past background classes, a monumental task but much needed to adequately store personnel records. Much thanks to FF Youngblood for her assistance in a modified duty position.

Other Business

- ISB Office welcomed Captain Mike Pendergast to the office in July. Cpt Pendergast will be working on HIPAA policy and compliance, performing background investigations, and assisting internal investigations as needed. Cpt Pendergast was a big contributor to the 28/14 background process.
- Cpt Carter attended the Social Media course in Fairfield on 7/22-7/23/25 (PIO related course) in preparation for assisting the PIO office.

Support Services



***Support Services – ADC Michael Mullin
July 2025***

FACILITY MAINTENANCE & PLANNING

- A total of 100 requests for service were initiated and 92 service orders were completed and closed out in July.

PLUMBING

- 27 service calls were placed to resolve minor plumbing issues (faucet, toilet, urinal repairs; clogged sinks, shower drains) in the month of July. Two sewage backups were reported during this month (FS 7, 33).

HVAC/HEATING/BOILER

FS 13: HVAC replacement. Status update: Job completed.

FS 17: Boiler replacement estimate is being revised by DPW Steamfitters for consideration. Status Update: Estimate was submitted to SFFD in March. SO# 2484755. ESER funds have been approved, and job is in planning stage.

FS 22: Re-circ pumps need to be replaced. Status Update: Work completed.

FS 23: Heater in Officer's Room needs to be replaced including new t-stats, on-off switch. Drying Room needs new heater and exhaust fan. Modifying controls to include timer and on/off switch in or outside the Drying Room. Waiting for a quote from DPW's Steamfitters Shop for two heaters, one exhaust fan and the necessary control work. Quote received from DPW, in for ADC of Support Service's review. ADC of Support Services requested that a quote be provided just for the fan coil replacement. Steamfitters propose to modify the existing estimate and resend mid-July. SO # 2115449 was submitted to SFFD for the Officers Room heater replacement. Waiting on Client approval. Approved by SFFD. A unit heater has been ordered. Status Update: Waiting for unit to arrive.

FS 29: SO #2249790 Heating system is down. Noted that the pumps here on this system are frequently replaced. Steamfitters are recommending re-pipe unit similar to FS 12. Waiting on Client approval. SFFD approved scope of work to be performed. The material estimate has been submitted to DPW's Purchasing Department. Status Update: Waiting for SFFD approval to order additional materials as needed. Work has been approved, awaiting labor availability.

FS 37: RADIATORS It was discovered that 17 radiators need new valves to control on/off. Nine units do not work. Waiting for the proposal to change out all valves. The Drying Room Heater needs a 3-way valve and an outdoor air override that needs to be installed. Proposing two men to take nine days, plus \$3500 in parts. The heat is on in the Station and the new program settings are adequate to get through the winter. Work will need to be done when they are permitted to shut boiler down for a few days. Waiting for a formal quote to be sent to ADC Support Services to sign off. Deferred by SFFD, however DPW will be submitting a new estimate for the boiler work. Status Updates: Estimates for the controls work and radiator valves submitted to SFFD for approval. Work approved, awaiting materials.

FS 38: Drying Room pump has failed. A new drying room pump has been ordered for replacement. Status Update: Job Completed.

FS 41: SO #2155508. Boiler controls. Status Update: Job complete.

ROOFING

FS 9: Roof replacement NTP 8/11/25.

FS43: Partial roof replacement scheduled to begin mid-August.

CEMENT/ASPHALT

No major cement/asphalt issues were reported.

EXHAUST EXTRACTORS

For July, there were four stations that reported issues with their equipment. Three were closed.

FS 28 has temporary fix and is operating. Waiting on parts for permanent fix.

GLASS/WINDOWS/SCREENS

No major glass/window/screens issues were reported.

CARPENTRY

Flooring repaired at 1415 Evans/CP first floor rest room.

ELECTRICAL

No major electrical issues were reported.

LANDSCAPING

No major landscaping issues were reported.

BOE/FLEET MANAGEMENT (Captain Jason Watrous, SFFD)

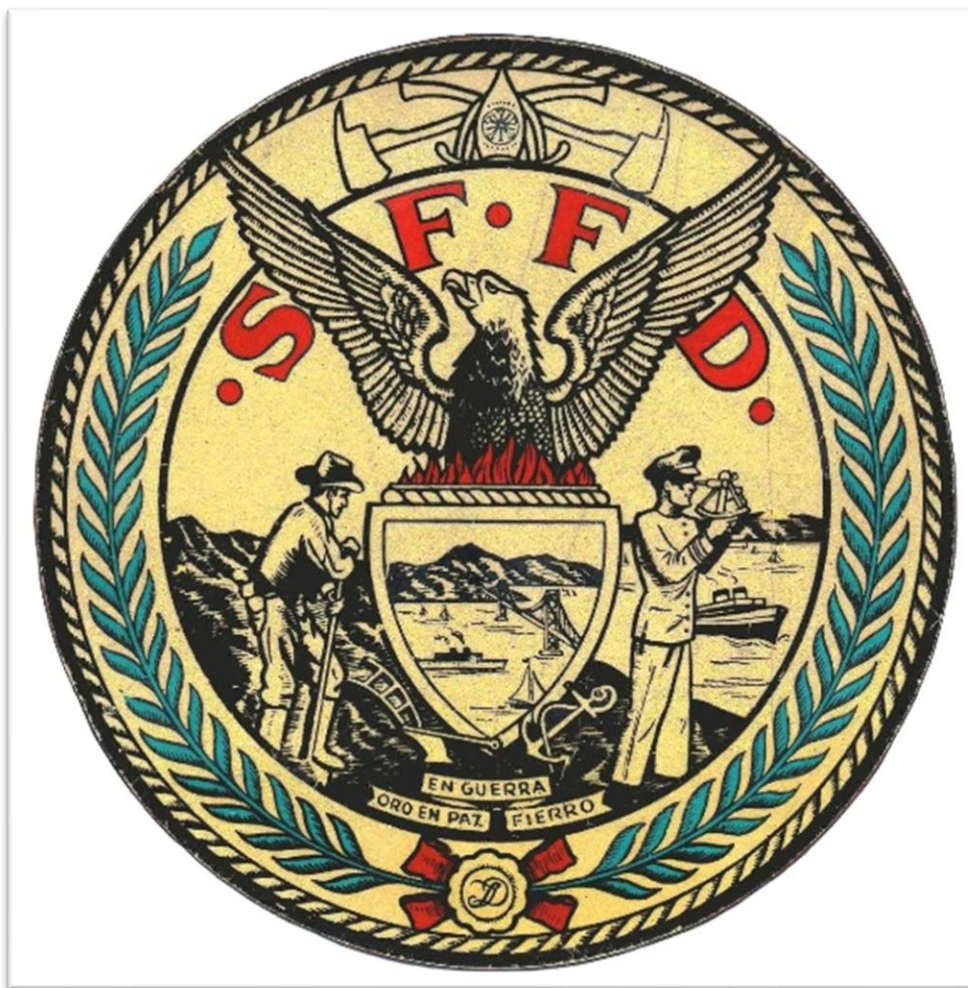
- Put new RC1 buggy in service
- Assisted with PUC testing at Fort Mason
- Coordinated extra apparatus for 4th of July events
- Coordinated Geo tab install on SFFD fleet. Over 350 vehicles.
- Placed new/used HT48 in to service due to old HT48 pump issues
- Placed new/used PCU vehicle in service. Decommissioned previous PCU vehicle, a 1973 Ward LaFrance
- Assisted with Strike Team deployment
- Purchased 24,000 feet of new Rescue rope for all Rescue Squads, Trucks, and Cliff Rescue units.

DEPARTMENT ENGINEERING (Stationary Engineer Avo Sarkissian, SFFD)

- Ongoing and routine maintenance at Fire Stations, HQ and ADF.
- Funds have been transferred to SFWD for replacing HQ main water back flow device. No date has been set for install.
- HQ Elevator modernization quote was submitted to CFO for viewing.
- Station 17 Boiler replacement cost proposal from outside vendor was received and forwarded to ADC's. DPW Steamfitters are revising quote.

- We are getting a proposal to mitigate water intrusion on an exterior wall at Station 31. PO has been issued; we are coordinating access with neighbors. Waiting on contractor availability
- Annual fire alarm inspections for fire stations 1, 5,16,36 and HQ has been scheduled for 7/14 and 7/15/25.

Earthquake Safety and Emergency Response (ESER) Bond



Earthquake Safety and Emergency Response (ESER) Bond
Assistant Deputy Chief Garreth Miller
July 2025

New SFFD Division of Training Development

- Department of Technology, Public Works and the consultant Guidepost Solutions collaborated on design and specification of telecommunications, audio-visual and other low voltage equipment
- SFFD collaborated on specifications for liquid propane fire training props
- Swinerton Builders conducted interviews for pile contractors
- Weekly Owner, Architect, Contractor meetings kicked-off
- SFFD Received the 50% Construction Documents package for review
- SFFD confirmed the proposed exterior finish materials



- Public Works reports that actual spending on the project increased from \$15,841,504 to \$16,524,971.

Water Supply

- Water Supply Officer Interviews were conducted and Captain James McGuigan was selected for the position
- SFPUC accepted the Fireboat Manifold on Treasure Island from the contractor after SFFD gave final approval of the paint application



- SFFD participated in SFPUC's presentation to update the Land Use and Transportation Committee on the progress of the Potable Emergency Firefighting Water System design and construction

Fire Station 35

- Swinerton has not yet identified a new vendor for warranty crane repair

Station 49

- The contractor has engaged their insurance company to remedy the degraded finish on the cord reels
- City Attorney to follow up with the contractor

Network Modernization Project

- Installation of outside fiber optic cable and installation of internal wiring progressed
- Another four SFFD facilities were migrated to the new fiber optic network
- Project completion is being extended from December 2025 to March 2026,

Neighborhood Fire Stations

- Lieutenant Mike Magalong began work in the ESER Officer position
- FS 18 Generator Replacement - Procurement delayed until at least December 2025
- FS 19 Generator Replacement - Procurement delayed until at least Spring of 2026
- FS 19 Window Replacement – Public Works glass shop to develop a proposal
- Station 15 Hose Tower Removal/Replacement
 - Bid documents preparation by Public Works continues
 - Targeting advertisement in September
 - Cost estimated at \$1.8M
- Water Intrusion of Fire Stations 2, 17, 24 and 31
 - Public Works and a consultant visited the stations to develop a proposal for mitigations of water intrusion at the stations

FY24 Roofing Program

- Fire Station 9 Roof Replacement – Contract completed, Notice to Proceed to be issued in August

E.S.E.R.—Emergency Firefighting Water System (EFWS), SFPUC, July 2025

- 2000 Marin EFWS Expansion – Construction continued to extend the EFWS along Marin Street from an existing 12-inch along Evans Avenue.
- Clarendon Supply EFWS Pipeline – Construction reached substantial completion January 2024. Continued to address closeout items, expected final completion by Fall 2025.
- Fireboat Manifolds – Planning for new pipeline and fireboat manifold near Fort Mason Pier 2 and Pier 33.5 for fire suppression continued. Design for a new fireboat manifold at Mission Bay Ferry Landing continued.
 - Mission Bay Ferry Landing Design: Design progressing to 95% includes addition of hard pipe along fixed pier.
 - Fort Mason Conceptual Engineering Report (CER) continued.
 - Pier 33.5 preliminary Alternative Analysis Report (AAR): Project team continued evaluations to address stakeholders' review comments.
- Potable Emergency Firefighting Water System (PEFWS) project
 - Contract A (From Lake Merced Pump Station to Sloat Blvd) – Design progressing to 95% milestone.
 - Contract B evaluates the revised route along Sloat Blvd to Sunset Blvd.
 - Contract C, D and E (Through Golden Gate Park and Richmond District): Continued planning for Conceptual Engineering Report (CER).
- Pumping Station No.2 (JOC) – Providing additional enhancement to the electrical power via Job Order Contract (JOC). Construction is pending to start once electrical equipment is delivered in August 2025.
- Street Valve Motorization at Evans and Napoleon – Continued construction to replace and modernize an existing 12-inch pressure valve with a new ball valve. This also serves as a pilot project for the PEFWS Pipeline.

E.S.E.R. BOND 2010 NFS – Updates through July 2025

Additional Focused Scope Program (Michael Rossetto, San Francisco Public Works):

Emergency Generators:

- Fire Station 14 – Moved to ESER 2014 section

E.S.E.R. BOND 2014 NFS – Updates through July 2025

Seismic Improvement Program (Magdalena Ryor, San Francisco Public Works):

- Fireboat Station 35 (\$50.5M) – Certificate of Final Completion was issued on November 11, 2022.

[M. Rossetto] FS35 Security Gate Enhancement:

- 1/6/25. The contractor mobilized on Monday Jan 6, 2025.
- The project is complete and is in close-out.



Focused Scope Program (Michael Rossetto, San Francisco Public Works):

Total Funding allocated for the Focused Scope Program is \$21,407,279, approved by SFFD on 8/17/17. Work is complete in 8 of 9 of the Focused Scope categories comprising Roofing, Apparatus Bay Door Replacements, Exterior Envelope Improvements, Windows, Showers, HVAC/Mechanical, Sidewalk/Slabs, and Security Access Control. Work continues to progress through the last scope category, Generator Replacements.

Emergency Generators:

- **FS 2** – Scope of work: replace existing rooftop generator set, structurally strengthen roof structure to support new fuel tank with capacity for 72-hour run time and provide new fuel fill port and piping to generator.
This project is complete.
- **FS 19** – Scope of work: replace existing generator at grade and replace main electrical panel.
 - The generator load bank lead time has increased, causing a generator delivery date into 2026. Deletion of the load bank was considered, which would have eliminated approximately 6 months of delay. SFFD has opted to retain the load bank due to the minimal cost savings that would have been provided. The Load bank lead time pushed the anticipated generator ship date to from November 2025 to May 2026.
- **FS 14** – Scope of work: Redesign of the previous replacement of the existing generator with new rooftop generator, new subgrade fuel fill port at the sidewalk in front of the station, and new fuel piping from sidewalk to generator is underway.
 - BOA has submitted AB-005 for delivering the fuel via hose or hand-carried containers to the rear yard to SFFD Fire Prevention. Pending SFFD approval, the project will be submitted to DBI for permit.

Exterior Envelope:

- **Package 1 (FS 8, 20, 23, 29)** – FS 8, 20, and 29 are complete; On 1/15/21, SFFD requested a hold on FS 23 painting due to other priorities.

o **Package 2 (FS 24, 34)** – This project remains on HOLD initially placed at the request of Capital Planning to provide supplemental funding to the Police TC&FSD project. It is now expected that those funds will be returned to the SFFD for allocation to a priority project, possibly FS24 and/or FS34.

o **FS 2, 17, 24 & 31** (Lisa Zhuo, San Francisco Public Works) – There are various degrees of water damage observed from water intrusion through exterior walls, windows, roofs, etc. It was approved by the Fire Department to utilize interests earned from the ESER 2014 Bond to address these water issues. Public Works PM invited a waterproofing consultant to visit the sites in July 2025. The waterproofing consultant will be providing an assessment of the existing conditions at the four fire stations, repair recommendations, and construction cost estimates. The conditions assessment scope is slated to begin in Sept 2025.

Miscellaneous:

FS35 Security Fence Enhancements, FS17 Boiler Replacement & FS 29 Apparatus Bay Door Replacement were requested as new projects by SFFD in August 2023. These are ranked as the highest priority (most urgent) projects after the Network Modernization project.

- o **FS 35** – See Fireboat Station 35 description.
- o **FS 17** – Boiler Replacement. Requested to reinstate previously on hold, per SFFD 5/5/25 email. Budget is in progress pending BSSR hazmat analysis scope.
- o **FS 29** – Apparatus Bay Door Replacement: completed and is in close-out
- o **DOT/FS 7 Railings**: completed and in close-out
- o **FS 19 Window Replacement** budget was requested by SFFD, per email from 5/5/25. The Planning Department has agreed to allow replacement of the existing wood windows frames with aluminum on the condition that the aluminum profiles are like the existing wood profiles. This will be reviewed as part of the building permit application.

Network Modernization Project (Michael Rossetto, San Francisco Public Works):

As of June 2025, all fire stations have been completed and inspected, excluding station 51 which is under the Jurisdiction of The Presidio Trust who is requiring agreement modification with SFFD to allow the work to proceed.

Water Intrusion Assessment at Various Locations (Lisa Zhuo, San Francisco Public Works):

Fire Stations 2, 17, 24, and 31 have various degrees of water damage from water intrusion through exterior walls, windows, roofs. Etc. It was approved by the Fire Department to utilize interests earned from the ESER 2014 Bond to address these water issues at the locations mentioned above.

E.S.E.R. BOND 2020 NFS – Updates through July 2025

Division of Training (Scott Moran, San Francisco Public Works)



Civic Design Review Ph. 2 Rendering, DLR Group, 4/21/25

Budget: \$275M

Phase: Design (Design Development)

Schedule:

- Estimated Start of Construction – November 2025
- Estimated Substantial Completion – Fall 2028

Highlights:

- The 50% Construction Documents were released on 7/25/25 for coordination and estimating.
- Swinerton Builders (Construction Manager / General Contractor) solicited bids for pile foundations, and the subcontract was awarded in July to Foundation pile contractors.
- The Maher Application with the SF Department of Public Health (DPH) was submitted in September 2024. Over the last year DPH has raised concerns about potential contaminants under the site due to reports related to contamination on the sites to the north of the project site. Work plans for additional site investigations had been developed and were being submitted to DPH based on their requests. But in July DPH decided to refer the item to the San Francisco Bay Regional Water Quality Control Board (Water Board). A new work plan for additional site investigations will be developed and presented to the Water Board for their review and approval. DPH's approval of the Maher Application will be determined by the final recommendations from the Water Board.
- Key Project Entitlements Timeline:
 - CEQA Addendum – COMPLETED 6/4/25
 - SF Public Utilities Commission Memorandum of Understanding regarding existing underground wastewater infrastructure – only one item remaining, hope is to finalize in August
 - Board of Supervisors introduction of legislation for Planning Code Map Amendments and Street Vacations –INTRODUCED 7/29/25

- Planning Commission Approvals for Planning Code Map Amendments (zoning & bulk/height changes) –now targeting mid-October 2025
- Board of Supervisors approval of Planning Code Map Amendments and Street Vacations – now targeting late-October 2025
- Planning has confirmed that a note can be added to the system to allow the Department of Building Inspections (DBI) to begin the permit review process in parallel with the legislative process for the Planning Code Map Amendments and Street Vacations.
- In July, the Building Permit Applications for the overall site and the three major building groupings were submitted to DBI. DBI agreed that, given the size and complexity of the project, it would be easier to manage four permit packages for the entire project.

Fire Station 7 Replacement (San Francisco Public Works)

Budget: Expected budget of the Fire Training Facility does not create funding opportunity for the FS 7 project

Phase: N/A

Schedule: N/A

Highlights: N/A

P.H.S. BOND 2016 NFS – Updates through July 2025

The total funding allocated for Neighborhood Fire Stations is \$9.1M.

Seismic Improvement Program (Michael Rossetto, San Francisco Public Works):

Hose Tower Removal & Roofing (FS 6, 11, 12, 21, 38) – Complete.

Hose Tower Removal & Replacement (FS 15) - Tony Abuyaghi - PM

- 7/24/25: PM/Arch met on site with Chief Miller and Captain Magalong to discuss project scope and coordination on site logistics for Contractor. Architect/Electrical Engineer to update drawings per site walk.
- Captain Magalong provided site logistics document for integration into Project Manual.
- 8/11/25: 100 % CD Draft Cost Estimate received. Project team to review cost estimate before final is issued. PM to work on Con Phase budget with Analyst.
- Week of 8/11/25: DT to confirm scope of work and provide proposal for removal/reinstallation of Radio Antennas on hose tower
- Asbestos on hose tower is confirmed and will require abatement during construction.
- Interpretive Display Panel was not fabricated for Station 15. PM reached out to designer to provide high resolution files for contractor/fabricator coordination. Files were provided.
- Bid Preparation: PM coordinating with design team to finalize bid drawings/specs, clearance with Regulatory Affairs and Environmental. Coordination with bid docs and Contract Prep in progress: Tentative advertisement in Sept/Oct.

Focused Scope Program (Michael Rossetto, San Francisco Public Works):

Emergency Generators:

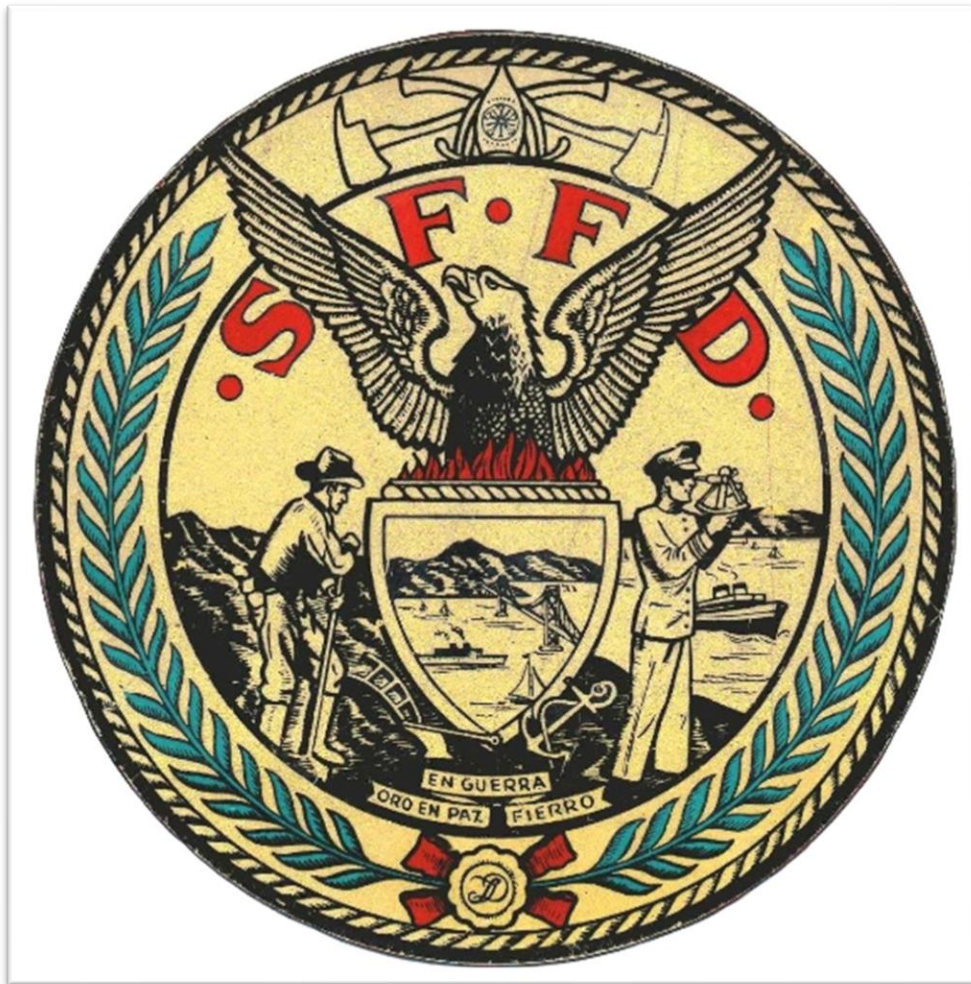
• FS 37 & 44:

- 6/16/25: Notice of Substantial Completion dated 6/13/25 was issued to BBJ Electric.

• **FS 18:**

- 12/2/24: J56-14.0 NTP Date is 07/22/24. Duration is 600 Calendar Days. Completion Date 3/13/26. In submittal review & approval phase. Generator lead times pushed out to April 2025 delivery, but similar load bank delays seen at FS 19 will increase the lead time by approximately 6-7 months.

Human Resources



***Human Resources
Maryann Poon
June 2025***

Employee Actions

Reporting the following PERMANENT PROBATIONARY appointment effective June 19, 2025:

H-32 Captain, BFP

Eng, Amy M (vice: Kenneth Cofflin)

Retirements

Communication received from Retirement Board indicating the following members have retired:

<i>Name</i>	<i>Rank</i>	<i>Retirement Date</i>
Adams, Eugene	H30	June 30, 2025
Bailey, Denise L	H4	June 28, 2025
Boughn, Robert	H4	June 29, 2025
Bushong, Jesusa S	0931	July 1, 2025
Flores, Ramon	H22	June 27, 2025
Fucciolo, Michael	H20	June 21, 2025
Gellermann, Kendrick L	H2	June 30, 2025
Gering, Rick W	H40	June 30, 2025
Gibson, Diedre D	H2	June 27, 2025
Goudreau, Beth M	H33	June 30, 2025
Griffin, Daniel B	H40	July 1, 2025
Jardine, Ashley S	H3	June 29, 2025
Jurgenson, Karl A	H3	June 28, 2025
Lau, Dee H	H4	June 30, 2025
Lee, Stanley H	H2	June 21, 2025
Li, Michele E	H22	June 28, 2025
Li, Peter S	H2	June 21, 2025
Mackenzie, Colin J	H2	June 28, 2025
Maloney, Michael E	H40	June 28, 2025
Mancinelli, Brook A	H30	June 26, 2025
Manning, John F	H2	June 28, 2025
Orr, Michael B	H3	June 30, 2025
Ray-Rohan, Chris	H20	June 28, 2025
Saade, Magaly	H20	June 21, 2025

Siguenza, Pablo	H40	June 23, 2025
Sikora, John R	H2	July 1, 2025
Wayne, Matthew L	H4	June 21, 2025
Yuen, Milton	6281	June 27, 2025
Zanoff, Andy G	H33	June 29, 2025
Zlatunich, Robert	H30	June 29, 2025

Separations

<i>No. of Members</i>	<i>Rank</i>
1	H8 Per Diem Paramedic
1	H3 EMT/Firefighter/Paramedic
1	0941 Manager VI
1	1222 Sr Payroll & Personnel Clerk

Human Resources
Lucy Chu
June 2025

Leaves of Absence with Pay

Submitting requests for leaves of absence with pay for the time period from January 2025 through December 2025 for the following:

<i>No. of Members</i>	<i>Rank</i>	<i>Total Amount of Leave (Days)</i>
1	H30 Captain	1
1	H20 Lieutenant	27
1	H4 Inspector	20
15	H3 EMT/PM/FF PM	204
6	H2 Firefighter	129
	Total Number of Days with Pay	381

Intermittent Leaves with Pay

Submitting requests for intermittent leaves with pay for the time period from July 20, 2020 through January 18, 2022 for the following:

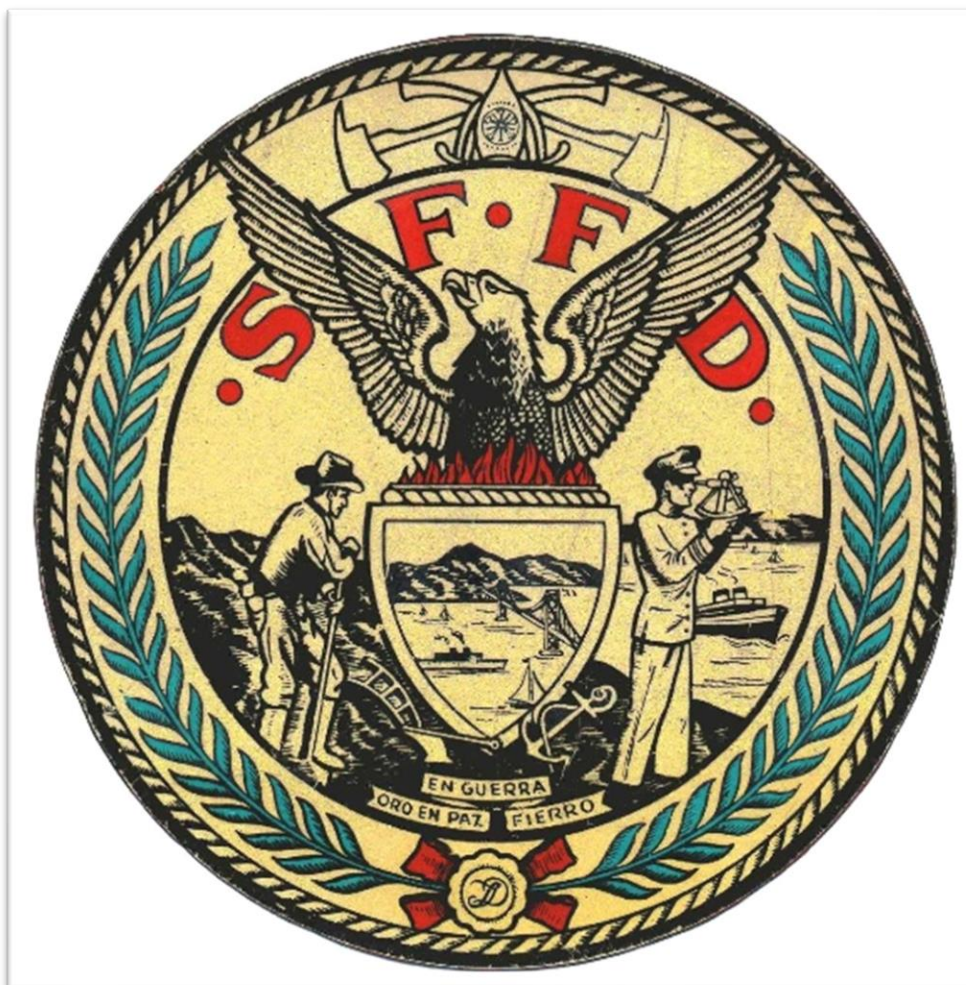
<i>No. of Members</i>	<i>Rank</i>	<i>Dates of Leave</i>	
1	H40 Battalion Chief	May 23, 2025	- May 23, 2026
1	Training Officer	Apr. 8, 2025	- Dec. 8, 2025
2	H33 EMS Captain	Jun. 10, 2025	- Dec. 25, 2025
1	H30 Captain	Jul. 1, 2025	- Jul. 1, 2026
1	H22 BFP Lieutenant	Mar. 19, 2025	- Mar. 19, 2026
6	H20 Lieutenant	Jun. 4, 2025	- Jul. 1, 2026
7	H3 EMT/PM/FF PM	Oct. 24, 2024	- Jul. 13, 2026
9	H2 Firefighter	May 5, 2025	- Sept. 16, 2026

Leaves of Absence without Pay

Submitting requests for leaves of absence without pay for the period from June 2025 through July 2025 for the following:

<i>No. of Members</i>	<i>Rank</i>	<i>Total Amount of Leave (Days)</i>
1	H3 EMT/PM/FF PM	1
1	H2 Firefighter	1
	Total Number of Days without Pay	2

Public Information Office



***Public Information Officer
Captain Jonathan Baxter, Lieutenant Mariano Elias,
Rescue Captain Samuel Menchaca
July 2025***

INCIDENTS	MEDIA RESPONSES	EVENTS	OUTREACH
183	133	90	120

Operations:

The office remains fully operational, handling major events and emergency calls. The office covered the following events with written, radio, social media, and media coverage: 4th of July press conference, firework safety, post-4th of July debrief with the media, SFPD x SFFD EVOC training, CBS national Lithium-ion battery story, support a child event, DPH x SFFD community paramedic video, and H3 graduation. We encourage you to view our social accounts for an overview of our work.

The office continues engaging with external agencies and the public, such as attending community meetings. We are working on being added to the SFPD district captain's community meetings to make this process smoother. Community meetings help keep our office informed about events, perceptions, and issues.

PIO Curti-Contreras completed her first PIO2 shifts on July 4th and July 5th. She handled incidents independently, covered a working fire, and offered vital support to the office during a busy weekend with a high call volume.

The office completed numerous long-term tasks this month, including the 2026-2028 strategic plan, the PIO trainee task book, the SFO PIO response plan, the vehicle replacement plan, updates to the city's crisis communications plan, a PIO recall plan, and additional initiatives.

The office has finalized a Mission and Vision statement, both of which are included in the 2026-2028 Strategic Plan.

The office responded to a Tsunami Warning that was issued by the National Weather Service (NWS) on July 29 at 1719 Hours. Our office was prepared with pre-established Immediate Action messaging, communications with NWS and DEM based on pre-established relationships, and system-wide coordination to ensure the Public got the Right Information at the Right Time.

Due to civil unrest, First Amendment activities, and planned major events, the city has activated the Joint Information Center at Level 4, with the option to move to Level 3 as needed. This has led the office to shift its focus to cover JIC positions in addition to its regular duties. We can adapt thanks to a revised roster and ongoing collaborative training with our city partners.

The office is developing a monthly checklist and charging list for all our digital equipment to ensure it is ready for our community and department if needed. Currently, each member is responsible for handling this task. The document will provide a more structured approach to this process.

In collaboration with MMS, the office has downloaded thousands of digital items to the main MMS computer for archiving and easy access. Much more needs to be done for categorizing and coding, but it's a progressive step forward.

The PIO teams' channel is running great and has been helping all members of the Department and allied agencies.

Training and Education:

Members of the PIO team continue to pursue training opportunities to advance our ability to serve our community.

All members receive regular webinars, articles, or digital content related to our job. This helps with ongoing education and improves situational awareness of current events and PIO tactics. Officer in charge Baxter held several virtual meetings with PIO leads from around the nation to improve our knowledge and skills, ensuring we provide the right information to the right people at the right time. This information is shared with members during shift change and has helped us complete the strategic plan, especially the SFO PIO plan.

This month, members took part in numerous drills and an off-site class focused on Media Relations. All PIO members also completed weekly drills and target solutions. Below is a synopsis of the training the office completed:

Baxter took part in various training sessions and meetings, including webinars on Strategic Planning, Conflict Resolution, Cybersecurity, EEO Compliance, Workplace Violence, Budget Planning, and Grant Funding; MS Word Tables and Graphics Training; Daily Drills; Target Solutions; Citizen App government updates; and completed an extensive renewal process for the Center of Public Safety as a PIO. Currently, this credential is valid for three years. PIO Baxter is the only PIO in northern California with this credential, and one of fewer than 200 in the United States. The renewal will be confirmed in August 2025.

Menchaca – Company BART drill, CCSF training, Target Solutions, Paramedic LEMSA update training

Elias – EVOC training, Target Solutions

Curtis-Contreas – Social media strategies, platforms for disaster management, engagement tactics, and tools and techniques.

Schorr – Target Solutions

Equipment:

The DJI Osmo and the new PA system have arrived and are being outfitted for use. The Slatwall project has been forwarded to support services.

Technology:

Communication is a significant issue, and it is also instrumental in ensuring safety, as seen with internet outages, with the most recent Southern California fires.

The iPhone 16 upgrade has resulted in improved picture quality and fewer dropped calls. The office outfitted the phone with screen protectors and a case. Faster upload and sharing speeds have helped with daily operations.



July Targeted Outreach

Fireworks
Wildfire Safety
LIB safety
Earthquake Retrofit Safety
4th of July Public Safety Press Conference
Firework Safety KRON4
Firework Safety SFFDPIO
Firework Safety, BBQ, and Balcony Safety
KCBS
National FF Registry for cancer – IAFF
Family support for FFs – IAFF
EMT Applications due - CITYEMT
Smoke Alarms
Escape Planning
Reunification location
Mutual Aid Strike Team
Mutual Aid Overview
Pet Safety Media Release / X Post
Safety Info for Fires
LE response to Fires safely
Toys and cheer from SFO FS 3 to the Stanford
Children's Hospital event
Fire Safety WUI
Beach Safety
Trail Safety
Children's Fire Safety
Fire Ops Safety
Coastal Flood Information
Alex the Rabbit: Death and Post



Water Safety
Tsunami Safety
Neighborhood response teams
Community Paramedics
Lithium-ion batteries and Mobility Device laws and requirements in San Francisco
Disaster safety and preparations
Tsunami Alerts on X, FB, IG
Tsunami advisory CANCELED



Public Information Office Scene Responses:

0112 FIB 717 Hyde Street
0326 FIB Illinois at 19th Street
0748 WF 1-Alarm 125 6th Street 1 injured, two rescued, 2 displaced EV LIB fire 3rd floor
0815 FIB 3416 Broderick Kitchen Fire
0840 Wildfire 101 SB at Cesar Chavez
1328 SIB 1228 Underwood – car fire ext.
1803 FIB 570 Natoma Street #D LIB fire no injuries
2009 FIB 410 Eddy #407
1449 Bay Rescue Terry Francois Bl/16th
2127 FIB 3401 Geary BlWF
1330 FIB 440 Geary Street
1552 BAY 99 Yacht Road (kite surfer, injured. No trap underground)
1700 TREE 465 Elizabeth Street
2100 FIB 2140 Clement Street (flu fire)
2117 FIB 2117 42 Mclea Court (dryer fire)
2300 FIB 1560 Turk Street
1102 CLIF Fort Funston *PIO2* (Dog rescue)
1110 MVC 4249 Mission *EMS2* (Vehicle into a building)
1322 FIB 415 Jones (small fire in bathroom) *PIO1*
1530 OSF 400 Lathrop Ave (outside Recology, 1 acre contained)
1530 WF 3628 22nd street *PIO2* (fireworks on roof)
1640 BAY Crissy Field (kiteboard)
1708 OSF 33 Harbor Drive (Small OS fire, fireworks)
1801 OSF San Bruno / 20th Street
1843 MVC Battery / Union (vehicle vs scooter)
1847 OSF 2500 Arellious Walker (small fire)
1900 OSF 280NB / Cesar Chavez
2103 OSF Gilman / Bil Walsh (fireworks MP17)
2111 MED Stairwell 21 (fireworks explosion to face)
2112 OSF Bayshore/Leland (grassfire MP17)
2140 FIB Catalina / West Point Road
2151 FIB 659 Fulton (firework went through the window, burned Curtin)
2157 FIB 516 Ofarrell Street

2201 MED 743 Shotwell Streer (long fall, C3 SFGH)
2243 FIB Ramsell / Sargent
2300 VF 1440 Palou Ave (medical, no fire)
2305 OSF 55 Carver Street (MP25)
2334 OSF Innes / Hawes Street
2345 OSF Bryant/23rd Street
2346 LOSF 3251 3rd Street
0027 GSW 105 Harbor Road (5 total pts, four transported, 1 DOA)
0941 FIB 2714 Webster #2
1423 215 Virginia WF
1631 FIB 107 Dwight
1924 SIB 500 Sillman2030 520 South Van Ness
104 FIB 3251 20TH Ave #333
0018 SIB 481 Minna #333
0634 SIB 1150 3rd #312
1130 SIB 3500 Clay Street
1140 SIB 621 Taylor Street #44
1400 SIB 901 Fairfax Ave
1617 OSF 17 Commer CT (small fire, contained near structures)
2105 FIB 835 Ofarrell Street
0639 YELLOW Alert 101NB at Vermont
0920 SIB 375 Laguna Honda Bl
1234 SIB 1428 10th Ave
1255 SIB 737 Post
1618 Surf Rescue Great Hwy/ Moraga
0800 Flash Mob 1099 Market Street
1851 FIB 1790 Jackson Street 3rd Floor
0400 SIB 952 Sutter Street #203
0440 WF 1-Alarm 136 Gilbert Outside fire extended to interior, no injuries, no displaced
0718 WF 1-Alarm 4700 Block of Mission outside fire extended to interior with no injuries, no displaced, and under investigation
0941 FIB 99 SVN (elevator motor smoking)
1445 FIB 451 Montgomery Street (elevator motor smoking)
2030 SIB 1430 Gate view CT (exterior fire)
1411 FIB 566 26th Ave WF Fatal
1502 FIB 125 Julian
1625 FIB 520 So Van Ness
0700 Jumper Bay Bridge
0840 Surf rescue Boat in distress Cliff House
0915 SIB 811 Geary
1300 BLDG Alarm Oracle Park
1501 Bay Rescue Marina green one kite surfer now ok
1700 Bay Rescue, Hunters Point State Park- One adult rescued by RB 35
1739 Pier 09 SF MT trolley fall with trauma
2216-0000 WF 1-Alarm Fire 36 Pond Street -Accidental EV car (Tesla) fire in garage
0758 WF 1- Alarm 4th Street at Avenue H, Treasure Island.

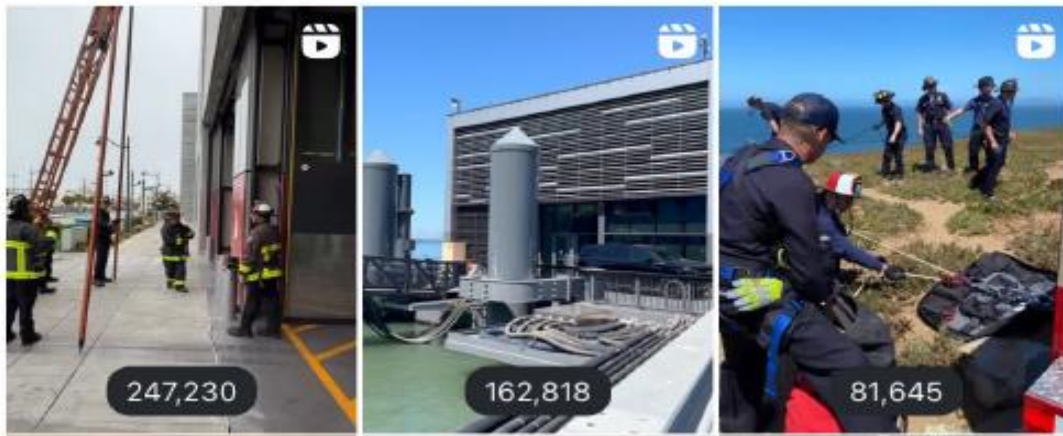
1054 FIB 3355 19th Ave Burnt Food
 1259 FIB 25 Essex Fire in Apt Kitchen extinguished
 1308 FIB 150 Berry Apt Fire extinguished
 1839 FIB 510 Ofarrell
 1930 FIB 1318 20th Street-BBQ
 2012 WF 1-Alarm 1201 Golden Gate unit 220 (FATAL). Rescued by truck five, taken to SFGH
 0445 SIB 1 SVN- False
 1120 VF 1828 Egbert Ave (SFPD car fire)
 1410 FIB 1760 Bush Street (cooking fires)
 1504 BAY SB Harbor (pt jumped in water. Transported)
 1800 FIB 110 Taraval Street
 2100 SIB 1101 Pine Street (Incense burning)
 2308 MED Chase Center (40 YO Male DOA bathroom)
 0426 WF2 746 Natoma Street (second alarm, no injuries, 10 displacements)
 0808 1035 FIB Douglass WF
 0848 FIB 3265 17th St
 1112 SIB 1176 Oakdale
 1236 FIB Lake Merced/State Dr
 1406 FIB Vicksburg/25th WF
 1833 SIB 1100 Gough
 2105 FIB 520 South Van Ness
 0008 WF- FIB 823 Guerrero
 0730 BAY RESCUE Willie May Plaza Bay
 1256 FIB Kearny at Pine- false
 1337 Earthquake with Tsunami Potential - Alaska Coast. Worked with NWS and DEM PIO for
 real-time info, quickly confirmed NO threat to the California coastline.
 0220 WF 1-Alarm 116 Turk at Taylor-Exterior fire no extension
 0300 SIB 608 Noe- UTLNS
 0350 Wildfire Buena Vista park-extinguished
 1118 SFFD MVA Guerrero at 23rd. No injuries
 2218 FIB 420 Russia – Extinguished
 0356 FIB 2150 Embarcadero North – fire in the Bathroom
 1330 FIB 2632 Diamond St
 1354 SIB 308 Moraga
 1816 SIB 1421 12th Ave
 1745 WF 1-Alarm 1430 Sacramento St
 1800 FIB 747 Monterey WF
 1847 SIB 405 Serrano Dr
 2125 SIB 1501 Pacheco St
 1952 SIB 850 Font #409
 0022 224 Townsend St
 0229 69 Whitney #C
 0240 SIB 1479 48th Ave #4
 0324 SIB 3440 24th St
 0926 FIB Columbus at Union
 0932 Bay Rescue Ferry Bldg.- One adult rescued

0939 Propane Leak of large construction truck 2800 blk of Alameda Street
1032 FIB 3176 Kamile Ct (Barricaded Subj with SFPD)
1313 FIB 27 State Street
1505 WF 1-Alarm 1029 Girard (Presidio) Extinguished, no injuries, no displaced, under investigation
1626 FIB 500 Oak Street
0205 FIB 1015 Geary
1414 Coastal Rescue Mile Rock 14 YO child had trauma from a fall
2016 3133 Scott Street
0922 SIB 481 Minna #333
1019 SIB 115 Orsi
1440 SIB 365 Fulton #430
1659 SIB 1432 19th Ave
1956 Bay Rescue 90 Beach 1 victim found by scuba, RS1 deceased LINK
1300 MVA with Fire Pio in area 280 NB at 6th street
1610 SIB 1947 35th Avenue
1910 FIB 890 Bush
1943 FIB Larkin at Olive
2000 FIB 750 Cabrillo
2141 FIB 50 Kirkham
0900 Industrial injury UCSF Parnassus – broken leg, 8th floor construction
1600 MVA HAZMAT Alemany at 280
1730 BAY RESCUE Ft Point
1741 SIB 912 Ellsworth
1748 SIB 1253 17th Avenue
1936 FIB 165 Johnstone Dr #203
0530-0720 WF 1-Alarm 200 block of 16th Ave Scooter Fire info on socials
1525 FIB 909 Geary
2335 FIB 3620 Fillmore
1320 MED 430 Bay Street (1 person shocked, C/B)
1429 GAS 4027 Folsom Street (gas break line)
1630 FIB 1501 Pacheco Street (person lighting fires)
1700 FIB 686 Post Street (burnt food)
1800 FIB 3018 Mission Street (extinguished washer fire)
0700 MED 80EB / 1ST (Jumper call, false alarm. Person taking pictures)
0812 SIB 422 Valencia St- Cooking
0213 FIB 520 SVN- Cooking
0329 FIB 460 Ellis #34- Cooking
0900 SIB 440 Geary Street - Cooking
1210 FIB 3590 19th Street - Cooking
1210 BAY 50 Jefferson (boat malfunction, SFPD assist)
1430 FIB 5235 Diamond Heights – Cooking
1551 SURF 898 El Camino del mar (distressed swimmer, swam back to shore)
2000 SIB 898 Market Street (MUNI platform smoke)
2138 SIB 2390 Chestnut Street - cooking
0155 SIB 898 Market St

0649 SIB 2952 20th Ave
1005 FIB 55 Mason #418
1042 FIB 4522 A Fulton St
1428 SIB 241 6th St #5051935 SIB 600 16th St 5th floor
2111 50 Jones #5th floor
0901 OSF 1237 Northpoint Drive TI (rubbish fire near house)
1113 MED 2697 Mission st (2 persons found DOA by probation officers)
1242 BAY 400 China Basin (sailing school, no emergency)
1300 FIB 387 Ellis Street (rubbish fire)
1319 SIB 102 South Park Street (false alarm)
1556 SIB 2847 Taylor Street
1706 SIB 26 Bradford Street (cooking)
SIB Beach at Powell
SIB California at Van Ness
SIB 635 Francisco

July 2025 Top Social Media Content

FS04 Ladder, FS35 Boat, and Cliff Rescue



Notable July 2025 Content:
CPR/ROSC Survivor Meetup
(ABC7/KTVU2 coverage)

Critical Mention numbers:

Total National TV Audience:	3.92 MILLION
Total Local TV Audience:	3.34 MILLION
Total Radio Audience:	10.5 MILLION
Total Online Audience:	679 MILLION
Total Social Followers:	693,502,662