

# SEASIDE FIRE & RESCUE



## 2017 ANNUAL REPORT

# Seaside Fire and Rescue

## 2017 Chief's Summary

2017 was another record setting year for call response with 1495 calls for service, an increase of 48% since 2008 and an increase of 11% since last year. The department averaged 33 volunteers throughout the year. We were also very active with prevention, inspections, investigations, trainings, meetings, and the lifeguard program. Last year we increased our level of service to our community by adding 3 new disciplines, Water Rescue, High Angle Rescue and Confined Space Rescue. Through the continued support of our community we were able to pass the levy to continue funding the Training Officer position, purchase new SCBA's and replace our current Ladder Aerial with a Tractor Drawn Aerial expected to arrive summer of 2019. In May we were awarded the Assistance to Firefighters Grant which will help subsidize the purchase of the SCBAs. Lack of rain and snow for the last few years made for extreme fire conditions last summer that ended up sending us on 4 Wildland Conflagrations in the State of Oregon and 2 in California.

In July 2017, Seaside Fire and Rescue began the hiring process for a full-time fire fighter to help alleviate the ever-increasing work load of the full-time staff. Genesee Dennis started full time September 1<sup>st</sup>.

At our Annual Banquet, we celebrated milestone events for Years of Service for Division Chief David Rankin (5 years), Brian Schafer (5 years), Noble Hutchinson (5 years), Kyle Mergle (5 years), Mark Burke (15 years), Roy Dague (45 years). Additionally, we celebrated the retirement of Tom Hecox with 24 years of service. The Fire Officer of the Year, which is voted on by all the firefighters, was Lieutenant Genesee Dennis. Since we had two amazing candidates Firefighter of the year, all the officers agreed to give two awards out to Katie Bulletset and Roy Dague. The Emergency Medical Provider of the year was Firefighter Doug Roberts.

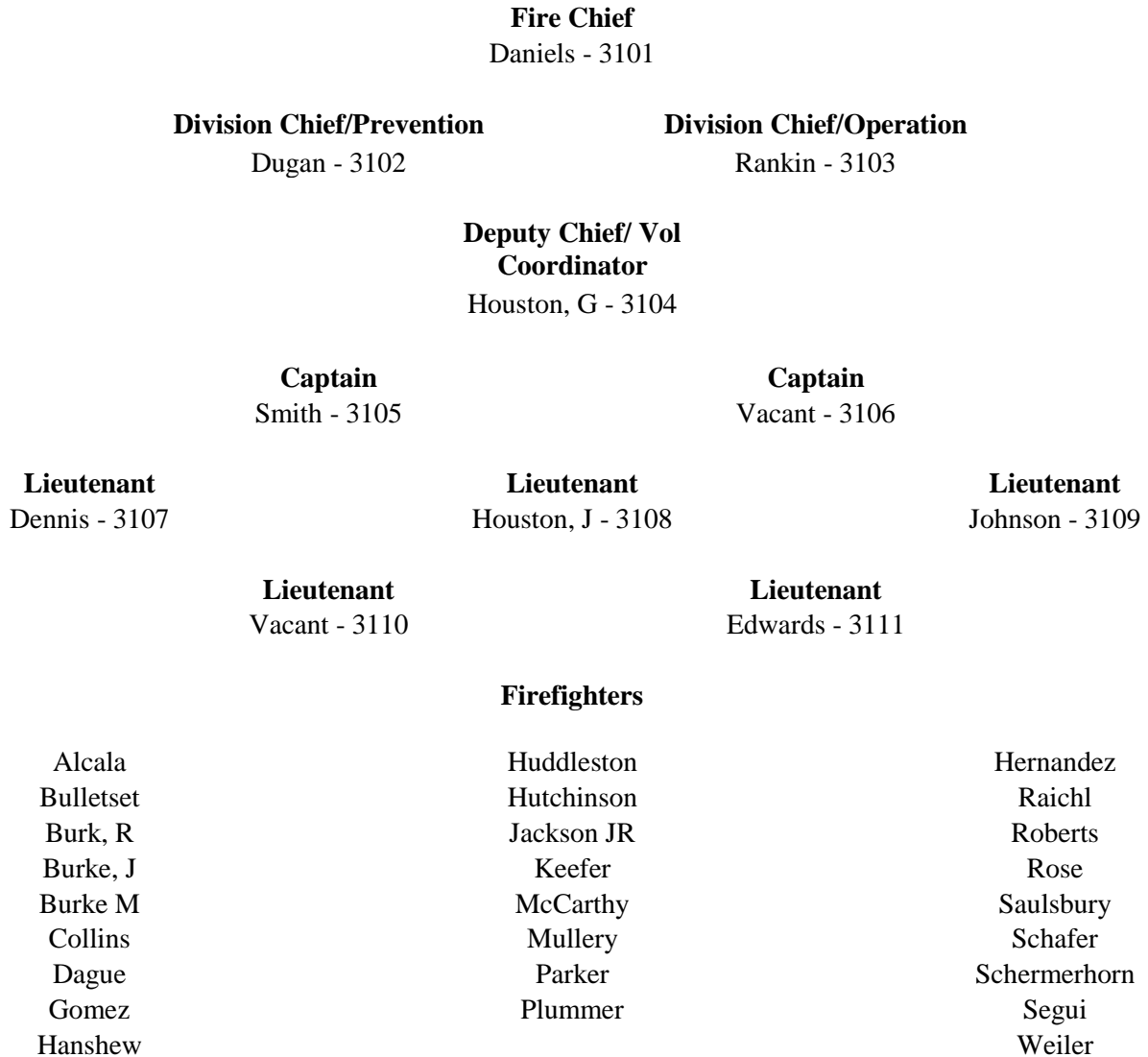
It is a privilege as the Fire Chief to be able to work with career and volunteer staff that are highly devoted to their community. Without these dedicated Men and Women of Seaside Fire & Rescue we would be unable to provide the exceptional 24 hour a day level of service to both our citizens and tourists.

On behalf of Seaside Fire & Rescue, I would like to thank the Mayor, City Council, City Manager, City Staff, and the citizens for your continued support, and for allowing us to present this report to you.

Joey Daniels  
Fire Chief

# Seaside Fire and Rescue

## Organizational Chart





# Seaside Fire and Rescue

## CAREER STAFF



Chief Joey Daniels  
[jdaniels@cityofseaside.us](mailto:jdaniels@cityofseaside.us)  
Since 2009 - IEMT



Div. Chief Chris Dugan  
Prevention/ Fire Marshall  
[cdugan@cityofseaside.us](mailto:cdugan@cityofseaside.us)  
Since 1989 - IEMT



Div. Chief David Rankin  
Training/ Operations  
[drankin@cityofseaside.us](mailto:drankin@cityofseaside.us)  
Since 2012 - IEMT



Lieutenant Genesee Dennis  
[gdennis@cityofseaside.us](mailto:gdennis@cityofseaside.us)  
Since 2010 - AEMT

## VOLUNTEERS



Dep. Chief Gordon Houston  
[ghouston@cityofseaside.us](mailto:ghouston@cityofseaside.us)  
Since 1998 - IEMT



Captain Mike Smith  
Since 1991 - EMR



Lieutenant Jeremy Houston  
Since 2000 - PARAMEDIC



Lieutenant Tyler Johnson  
Since 2000 - EMR



Lieutenant Evan Edwards  
Since 2010 - EMT



Cesar Acala  
Since 2014 - EMR



Katie Bulletset  
Since 2013 - EMR



Bob Burk  
Since 2017



Jake Burke  
Since 2016



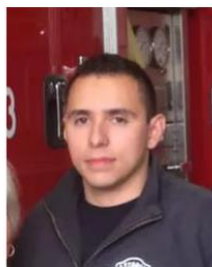
Mark Burke  
Since 2001



Seth Collins  
Since 2004 - EMT



Roy Dague  
Since 1972 - EMT



Carlos Gomez  
Since 2017 - AEMT



Travis Hanshew  
Since 2016



Alex Hernandez  
Since 2017 - EMT

# Seaside Fire and Rescue

## VOLUNTEERS



Jimmy Huddleston  
Since 2017 - PARAMEDIC



Noble Hutchinson  
Since 2013 - EMR



Jeff Jackson  
Since 2014 - EMR



Mathew Keefer  
Since 2011 - EMT



PJ McCarthy  
Since 2003 - EMT



Dan Mullery  
Since 2008 - PARAMEDIC



Justin Parker  
Since 2002 - EMT



Doug Roberts  
Since 2015 - EMR



Jason Schemerhorn  
Since 2005 - EMR



Jacob Rose  
Since 2017 - EMT



Brian Shafer  
Since 2012 - PARAMEDIC



Jenson Segui  
Since 2017



Nathan Weiler  
Since 2015 - RN

# Seaside Fire and Rescue

## Response Statistics

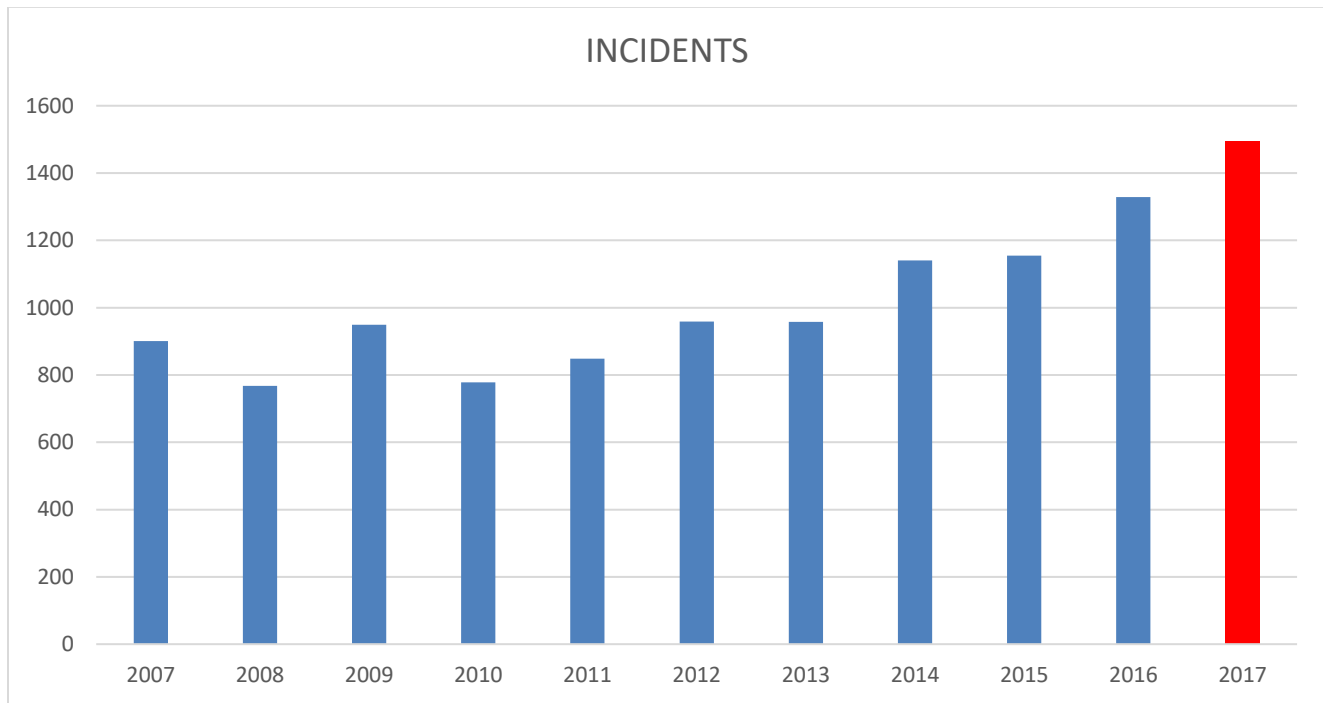
INCIDENT COUNT		
INCIDENT TYPE		# INCIDENTS
EMS		1114
FIRE		381
TOTAL		1495
MUTUAL AID		
Aid Type		Total
Aid Given		43
Aid Received		28
OVERLAPPING CALLS		
# OVERLAPPING		% OVERLAPPING
454		30.37
LIGHTS AND SIREN - AVERAGE RESPONSE TIME (Dispatch to Arrival)		
Station	EMS	FIRE
Seaside Fire & Rescue	0:07:29	0:12:38
AVERAGE FOR ALL CALLS		0:08:59
LIGHTS AND SIREN - AVERAGE TURNOUT TIME (Dispatch to Enroute)		
Station	EMS	FIRE
Seaside Fire & Rescue	0:04:33	0:04:26
AVERAGE FOR ALL CALLS		0:04:31
AGENCY		AVERAGE TIME ON SCENE (MM:SS)
Seaside Fire & Rescue		60:48

## Meetings

MEETING	# OF MEETINGS
Safety Meeting	10
Officers Meeting	10
Training Meeting	10
Regular Drill	51
<b>TOTAL</b>	<b>81</b>

# Seaside Fire and Rescue

## Call Volume 10 Years



## Volume Percentages 10 Years

YEARS	# INCIDENTS	% CHANGE OVER PREVIOUS YEAR
2007	901	0%
2008	768	-17%
2009	949	19%
2010	778	-22%
2011	848	8%
2012	959	12%
2013	958	-0.10%
2014	1140	16%
2015	1155	1.30%
2016	1329	13%
2017	1495	11%

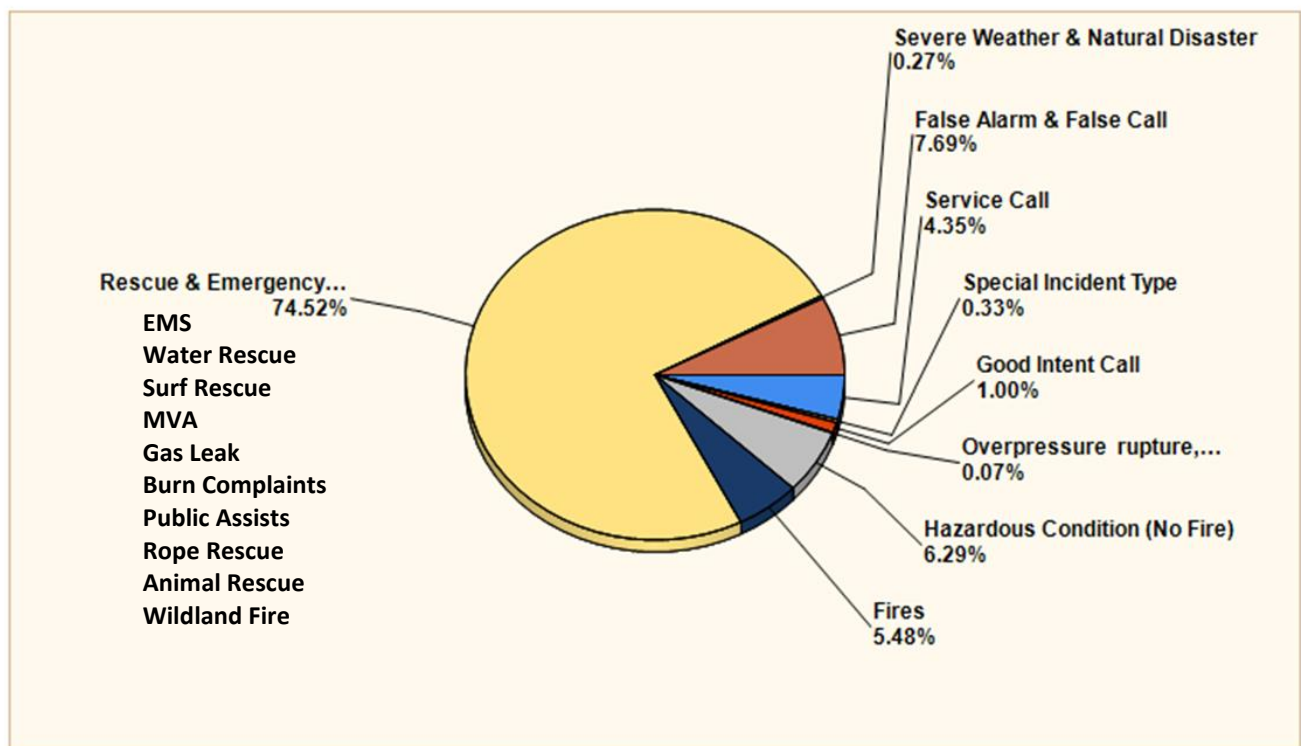


# Seaside Fire and Rescue

## Incident Types

MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	82	5.48%
Overpressure rupture, explosion, overheating - no fire	1	0.07%
Rescue & Emergency Medical Service	1114	74.52%
Hazardous Condition (No Fire)	94	6.29%
Service Call	65	4.35%
Good Intent Call	15	1.00%
False Alarm & False Call	115	7.69%
Severe Weather & Natural Disaster	4	0.27%
Special Incident Type	5	0.33%
<b>TOTAL</b>	<b>1495</b>	<b>100.00%</b>

## Annual Call Ratio





## Training Report

Seaside Firefighters continued to maintain and build on their skills during 2017 and we kept our regular Wednesday night trainings scheduled as “Single Company drills”. Often 3 to 5 different drills during a training event allow more “hands on” training for our personnel.

Our training was divided into themed trimesters in 2017.

- The first trimester is focused on mobile water supply (smoothly moving large amounts of water to a fire scene in areas without the protection of fire hydrants), preparing for wildland season, vehicle extrication and spending time working as a team and individual companies.
- The second trimester is for Engine Operations. This is basically putting the wet stuff on the red stuff. Engine Operators work on supplying water, taking hydrants, and drafting. Firefighters practice skills like advancing hose effectively, fire attack, utilizing ropes, conservation of property, and overhaul. We also take advantage of more daylight to practice scenarios.
- Lastly, the third quarter was set aside for truck operations. In this quarter Aerial Operators practice their placement and maneuvers. Firefighters practice skills like working off the aerial, ground ladder placement, search & rescue, and ventilation.

The following will help you distinguish the chain of command on the fire ground:

**Black Helmet:** Firefighter-in-Training. All of our personnel complete the required NFPA (National Fire Protection Association) and OSHA (Occupational Safety and Health Administration) training before they can respond to incidents. These probationary firefighters are still lacking in experience however.

**Yellow Helmet:** The line firefighter is the backbone of the department. They are competent personnel who show strength at the individual level, and especially at the group level.

**Red Helmet:** Company Level Officer. May lead a team, provides direction and turns tactics into tasks.

**White Helmet:** Chief Officer. Few are found on a scene, usually at the command post or acting as a safety officer.

# Seaside Fire and Rescue

## Certifications Obtained

<u>Certification</u>	<u>Department Total</u>	<u>2017</u>
Firefighter 1	31	7
Firefighter 2	10	2
Fire Instructor 1	13	
Hazmat Operations	22	2
Hazmat IC	3	
Apparatus Driver	23	3
Pumper Operator	19	3
Aerial Operator	11	1
Mobile Water Operator	10	
Wildland Interface 2	32	5
Wildland Interface 1	13	1
Wildland Engine Boss	7	3
Fire Officer	4	
Fireground Leader	3	
EMR	13	
EMT	7	
Advanced EMT	1	
EMT Intermediate	4	
Paramedic	6	1



# Seaside Fire and Rescue

**Firefighter1.** Firefighters are the task-oriented backbone of our Fire Department. Any and every person with the designation of firefighter is expected to carry out all minimum functions involved in the fire service.



**Firefighter 2.** Senior Firefighters traditionally have years of experience, additional training, and may have degrees in fire science. Firefighter 2's often lead crews and can be relied on for their experience and knowledge.





# Seaside Fire and Rescue

The **Apparatus Driver/Operator** class is a 16 hour classroom and hands-on training on how to properly and safely inspect, drive, and operate the large and complicated apparatus that fire departments use to conduct operations. Prospective driver/operators must then complete numerous hours of driver's training to get certified. All drivers in the department must complete yearly refresher training.



A **Pumper Operator** is a specialty certification that Drivers receive after an additional 32-hour classroom/hands-on training learning how to properly run engines to supply fire firefighters with the correct amount of water pressure and gallons per minute to safely and effectively put out a fire. This is one of the hardest certifications to truly master, requiring knowledge on such things as theories, pump mechanics, friction loss and gain, operating nozzles at the correct pressure, and running multiple attack and supply lines.

**Aerial Operators** are an elite group of Apparatus Operators who can effectively run the ladder truck at fires and place it allowing firefighters to work off of the ladder or rescue victims in a building where our ground ladders may not reach. The Aerial operator class is an additional 24 hours of classroom and hands on training after a firefighter has been a certified Driver and Pumper Operator.





## Hazardous Materials Training

All Seaside Firefighters are trained to the level of Hazardous Materials Responder. HazMat Responders are trained in the proper response to hazardous materials incidents. Like always, the protection of life is the top priority, however the environment now requires deeper consideration. The Responder often sets up the initial perimeter, identifies the suspect chemical, and initiates the response of the HazMat Team.



# Seaside Fire and Rescue

## Wildland Firefighting

Seaside Firefighters have spent the last four years putting a major emphasis on wildland training and equipment. In 2017 we responded to three major wildland incidents in Oregon; the Milli 24,079 Acres, Fire Chetco Bar Fire 191,125 Acres, Eagle Creek Fire 48,861 Acres, in California; the Tubbs Fire 36,807 Acres, and the largest in the state's history and most expensive in America's history, the Thomas Fire 281,893 Acres. We provided overhead staff, initial attack, mop-up, and structural protection to these communities. It would not have been possible to provide this service without the continuing education and training of our personnel.





# Seaside Fire and Rescue

## Water Rescue

As a community we have been talking about the need for a water rescue team for over twenty years and has finally come to fruition in 2017. The main thing was to get commitment from the volunteers because there was a lot of expensive training and equipment to get the program started. Rescue7, a Rescue Water Craft (RWC) trainer, was brought in to get us started and then we will conduct our own training in the future. Everyone has their strengths so we developed different levels of operations to get the maximum participation.



# Seaside Fire and Rescue

## High Angle Rescue

The steeper the ground, the more difficult and the more technical the rescue becomes. High angle is the variety of technical rope rescue techniques used to rescue injured or otherwise incapacitated persons on terrain at slopes of 60° or greater. It involves the need to hoist victims from one level to another using ropes, pulleys, harnesses, belay devices and various hauling implements. Last year we had two vertically challenging rescues on Tillamook Head. One was of two backpackers who hiked around the Point and started making their way up to the trail head when they couldn't go any farther on the beach. It soon became too steep to continue on or go back down so they called 911. Division Chief Rankin and Deputy Chief Houston conducted the rescue. Learning a lot from that rescue we developed equipment and training needs. Over the summer we were able to send 7 people to High Angle Class which enabled Lieutenant Dennis, with the help of other agencies and volunteers, to affect the rescue of a furry friend that got away from its owner and went over the cliff at Indian Beach. This highly visible rescue also generated \$3000 in donations for the departments involved.





# Seaside Fire and Rescue

## Medical

With the number of medical calls increasing every year, more volunteers are finding themselves joining to fight fires, and end up caring for the sick and injured. There are four levels of medical care professionals, first is the Emergency Medical Responders (EMR's), this is a minimum 60-hour class. Second Level is Emergency Medical Technicians (EMT's), 160 hours of class is required before being eligible to take the national test and receive their certification. Third Level is Emergency Medical Technician Advanced; this is an additional 160 hours of training above being an EMT. Advanced EMT's can start IV's, push epi for anaphylaxis and D50 for diabetic emergencies. Forth Level is Emergency Medical Technician Intermediate; this is an additional 160 hours of training above being an EMTA. Intermediates have advanced knowledge of cardiac and pain drugs, are able to start IV's, and interpret cardiac rhythms on the heart monitor. The fifth and highest level are Paramedics, their courses are over 1000 hours, and are incredibly wide in scope. Seaside Fire & Rescue was privileged in 2016 to have a compliment of 13 EMRs, 8 EMTs, 1 Advanced, 4 Intermediates, and 6 Paramedics providing care.



# Seaside Fire and Rescue

## Joint Training

Seaside Fire and Rescue continued to actively participate with other Clatsop County Fire agencies in groups such as the Clatsop County Fire Training Committee, Clatsop Fire Investigation Team, Clatsop County High Angel Team, Hazmat 11, Clatsop County Firefighters Association, and the Clatsop County Fire Defense Board. These groups allow the different departments to get together to standardize how we work together, purchasing of equipment, funding training, prevention programs, and allow firefighters from different agencies to familiarize themselves with each other.

Our joint Training Association with Gearhart Fire Department continues to grow and facilitate more realistic training for our firefighters in such areas as Rescue, Firefighting, and Classroom Knowledge. We have developed a number of training props that we are able to rent out for use at the training facility by other departments. At times other departments have taken these props to their own station for training.



## Prevention

### **Remember: Initial Attack Starts with Fire Prevention**

The Prevention Division of Seaside Fire & Rescue is committed to providing our citizens and visitors a safer place to live, work, and visit. To accomplish this mission, the Prevention Division is involved in a variety of activities such as an inspection program for businesses, a juvenile fire setter intervention program, fire investigation of all department fires, pre-fire planning of target high risk commercial structures, fire extinguisher education for the community, fire safety education for children, and general safety programs for adults.

### **Fire Investigations**

Seaside Fire & Rescue investigates all fires to determine cause and origin, along with from members of the Clatsop County Fire Investigation Team.





# Seaside Fire and Rescue

## Inspection Program

Seaside City Ordinances, Oregon Fire Code, and the National Fire Code are used as standards in conducting inspections. Inspections allow Seaside Fire & Rescue to ensure compliance to local and national standards, as well as increase our familiarity with pertinent information such as building construction, utility shutoff locations and potential hazards associated with a particular occupancy.

### Inspection Totals

Correction Notice Issued 35

Passed 148

Passed with Comments 1

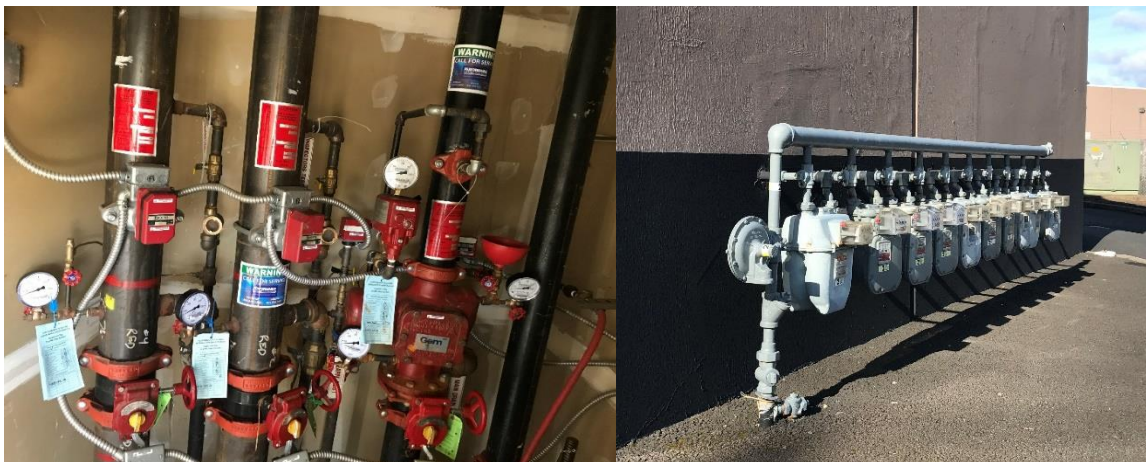
Second Correction Notice 5

**Total of Inspections Completed in Date Range: 189**



## Building Familiarization

Fire officers meet once a month to tour high risk businesses and occupancies. These visits assist our officers first arriving at a scene to become accustomed to access locations, building construction, alarm systems, sprinkler locations, and utility shutoffs. The information found in these tours greatly helps our officers with addressing issues in a swift and timely manner. In 2017 Seaside Fire & Rescue continued to develop and enhance an electronic data base program on commercial and high-risk buildings in our response area.





# Seaside Fire and Rescue

## Property Damage

FIRES IN STRUCTURES BY FIXED PROPERTY USE (OCCUPANCY)	NUMBER OF INCIDENTS	DEATHS	INJURIES	EST. PROP. DAMAGE
Private Dwellings (1 or 2 family), including mobile homes (FPU 419)	12	0	0	\$17,100.00
Apartments (3 or more families) (FPU 429)	5	0	0	\$1,520.00
Hotels and Motels (FPU 449)	0	0	0	\$0.00
All Other Residential (dormitories, boarding houses, tents, etc.) (FPU 400, 439, 459-499)	10	0	0	\$161,200.00
TOTAL RESIDENTIAL FIRES (Sum of lines 1 through 4)	27	0	0	\$179,820.00
Public Assembly (church, restaurant, clubs, etc.) (FPU 100-199)	2	0	0	\$3,100.00
Schools and Colleges (FPU 200-299)	0	0	0	\$0.00
Health Care and Penal Institutions (hospitals, nursing homes, prisons, etc.) (FPU 300-399)	1	0	0	\$0.00
Stores and Offices (FPU 500-599)	1	0	0	\$0.00
Industry, Utility, Defense, Laboratories, Manufacturing (FPU 600-799)	0	0	0	\$0.00
Storage in Structures (barns, vehicle storage garages, general storage, etc.) (FPU 800-899)	0	0	0	\$0.00
Other Structures (outbuildings, bridges, etc.) (FPU 900-999)	3	0	0	\$235.00
TOTAL FOR STRUCTURE FIRES (Sum of lines 5 through 12)	34	0	0	\$183,155.00
Fires in Highway Vehicles (autos, trucks, buses, etc.) (IT 131-132, 136-137)	2	0	0	\$1,100.00
Fires in Other Vehicles (planes, trains, ships, construction or farm vehicles, etc.) (IT 130, 133-135, 138)	4	0	0	\$0.00
Fires outside of Structures with Value Involved, but Not Vehicles (outside storage, crops, timber, etc.) (IT 140, 141, 161, 162, 164, 170-173)	28	0	0	\$0.00
Fires in Brush, Grass, Wildland (excluding crops and timber), with no value involved (IT 142-143)	3	0	0	\$0.00
Fires in Rubbish, Including Dumpsters (outside of structures), with no value involved (IT 150-155)	4	0	0	\$0.00
All Other Fires (IT 100, 160, 163)	7	0	0	\$0.00
TOTAL FOR FIRES (Sum of lines 13 through 18)	82	0	0	\$184,255.00
Rescue, Emergency Medical Responses (ambulances, EMS, rescue) (IT 300-381)	1114	0	0	\$15,000.00
False Alarm Responses (malicious or unintentional false calls, malfunctions, bomb scares) (IT 700-746)	115	0	0	\$0.00
Mutual Aid Responses Given	24	0	0	\$0.00
Hazards Materials Responses (spills, leaks, etc.) (IT 410-431)	39	0	0	\$0.00
Other Hazardous Responses (arcing wires, bomb removal, power line down, etc.) (IT 440-482, 400)	55	0	0	\$6,000.00
All Other Responses (smoke scares, lock-outs, animal rescues, etc.) (IT 200-251, 500-699, 800-911)	90	0	0	\$0.00
TOTAL FOR ALL INCIDENTS (Sum of lines 19 through 24)	1519	0	0	\$205,255.00

# Seaside Fire and Rescue

## Public Fire and Life Safety Education

Public education is viewed as an ongoing process that occurs informally as well as formally. All staff and volunteers stress the importance of living, working, and playing safely as we interact with the community in day to day operations. Walk-in tours of the fire department set an excellent stage for department personnel to emphasize good safe practices for all ages. Seaside Fire & Rescue schedules appearances and presentations at schools, churches, community centers, assisted living facilities, as well as private businesses.

Seaside Fire & Rescue participated in the Seaside Safety Fair, held in May hosted by North Coast Safe Kids, Seaside Police Department, United States Coast Guard, Clatsop County Sheriff's Office, Oregon State Police, Northwest Natural Gas and Medix Ambulance Service. Car seat technicians inspected and installed many car seats. Numerous families from the Seaside area participated in everything from crosswalk safety, bike safety, and fire safety in the home.

In August, Seaside Fire & Rescue personnel were on hand at the National Night Out celebration to answer any questions about fire safety. Personnel were represented at both Quatat Park and Broadway Park, handing out fire prevention literature and giving tours of fire apparatus to adults and children. Our appearance was enjoyed by many citizens and tourists.



## Search and Rescue

2017 led to a number of rescues involving injured or lost hikers the Tillamook Head trail and mutual aids assisting Hamlet Fire and Rescue on extricating injured off Saddle Mountain. These rescues involved a lot of time (up to 9 hours or more), energy (carrying medical equipment and stokes), technique (rope rescues) and innovation (finding lost hikers using the GPS on their cell phones). Because we have branched out into the specialty teams we are getting more and more calls from other agencies for mutual aid.

The partnership with the State Forestry Department and Campbell Group to maintain the access road to the top of Tillamook Head has allowed us to get necessary equipment closer to those in need.

## Mutual Aid

Seaside Fire & Rescue participates in the Clatsop County Fire Service Mutual Aid Agreement. The purpose of this agreement is to maintain a system of predefined response to large scale incidents within Clatsop County as well as possible mobilization outside Clatsop County.

In 2017, Seaside Fire & Rescue provided aid to outside agencies for 41 incidents, 27 more than 2016. We received aid from outside agencies for 28 incidents. These responses included Wildland, Structural and Search and Rescue.

## Water Safety Report

Our lifeguards are highly trained professionals who serve as ambassadors of the City of Seaside to the visitors of our beach. Each one of our Lifeguards maintain high standards in: Ocean rescue skills, prevention, physical fitness, courtesy, training, and professional appearance.

The Beach Lifeguards focus on preventing incidents before they occur through a proactive approach of communicating with water goers early on informing them of potential dangers. In 2017 continued Rip Current awareness with the placement of signs to warn of dangerous areas. As the patronage on the beach increase they are now responsible for keeping main thoroughfares clear for emergency vehicles with use of setting up cones, especially on big events like Volleyball or Hood to Coast.

# Seaside Fire and Rescue

## Lifeguard Statistics

The Beach Lifeguards promote safety through interaction with the public, recognizing a potential emergency before it occurs and making positive changes, assisting persons with questions about the city, providing help to people with special challenges on navigating the sand from the promenade to the beach, and rescuing persons in imminent danger from the Ocean.

Lifeguards currently have two options to enter the water for a rescue, via 3 of our custom-built Rescue Boards, or with fins and a rescue tube.

<b>General Information</b>	Information about Seaside, the beach and Safety - Talking with people	1330
<b>Medical Aid</b>	First Aid without Fire Response	29
<b>Lost Person</b>	Lost & Found Persons, including false reports	26
<b>Lost n Found</b>	Lost items turned in	17
<b>Agency Assist</b>	Lifeguards assist another agency (police, fire, parks, etc.) or request assistance	36
<b>Surf Rescue</b>	Surf Rescue of persons in Imminent danger	6
<b>Prevention</b>	Assisting someone in danger, helping visitors (rides, water assist, etc.)	39
<b>Rule Enforcement</b>	Warnings, rules, ordinances of the beach including put out fires, moving logs, hazards, tent warnings, etc.	163
<b>Trash Pickup</b>	Removal of trash or debris from beach	111
<b>Total</b>		1744





# Seaside Fire and Rescue



# PROUDLY SERVING SEASIDE SINCE 1904

**2017 Seaside Fire and Rescue Annual Report  
Prepared by Seaside Fire and Rescue Staff**

**Please direct questions or comments to:**

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