

Okanagan Landing Volunteer Fire Department

FIRE SERVICES REVIEW



2008

INPUT / RECOMMENDATIONS REPORT

Okanagan Landing Volunteer Fire Department
Fire Services Review Input and Recommendations
December 19, 2008

Introduction

As one of the stakeholders and working group members of the Integrated Fire Services Initiative, Okanagan Landing Volunteer Fire Department is pleased to offer the following recommendations for the future of fire and rescue services for the City of Vernon.

The 33 years of successful fire protection and rescue services that the Okanagan Landing Volunteer Fire Department has provided is the knowledge upon which we base our recommendations. It should be noted that we believe that we already have an integrated Fire Service in the City of Vernon with the departments working well and respectfully with all agencies providing emergency services.

This report will start by looking at the current services offered by OKLVFD. The report will then discuss possible areas of service enhancement under the headings of **Operations:** including, fire halls, new hall locations, guidelines, equipment, ambulance and training. **Administration:** including costs, building code, technology and others.

The report will then discuss some of the concerns identified in the recently presented Fire Rescue Services Strategic Plan 2008- 2017 as written by Rick Taylor of Results Management Services and under the direction of former Chief, John Lysholm as Project Manager and the Project Team of Deputy Chief Rick Owens, Laurie Skolrood, and Liz Thompson. Our report will discuss some of the potential flaws of the proposed integrated system. These include discussion around response times, quality of response, cost benefits and why a 100% volunteer hall works so well.

The report will conclude with our vision of recommendations and positive future steps for improved fire rescue services to citizens of City of Vernon.

Background, Current Services

We currently have an integrated fire service reporting to the City of Vernon Fire Chief. We are very comfortable that our contract, volunteer brigade and system meets and will continue to meet the needs and expectations of the public now and in the foreseeable future but a review of services and any possible and reasonable improvements to services in general is well worth investigating.

The Okanagan Landing Volunteer Fire Department currently provides:

- Fire suppression (on and off the water)
- Alarm and monitoring system response
- Motor vehicle accident response
- Public education and emergency disaster response (in cooperation with others)
- Wild land fire response (in cooperation with Forestry and others)
- Water search and rescue (in cooperation)
- Ice rescue
- Traffic control and fire suppression during hydro and service line failure including natural gas, tree damage etc.
- Extrication and jaws assist in integration with VFS
- Public education (tours and demonstrations to our local schools), Seasonal camps, interface neighborhoods, boat demonstrations etc.
- Community volunteer work
- Donation of funds and effort for Halloween Fireworks for community

Operations

Fire Halls

As the area grows there will be a demand for more fire halls in other areas such as the Foothills and the Commonage/ Predator Ridge areas. The most beneficial and cost effective build up of these fire halls is to start with a fully volunteer hall and move to a manned hall as the area becomes too busy to be able to keep volunteers. This may require using specified service areas to tax the residents for the actual fire or service costs for the area they live in. Joint command operations between the closest volunteer hall and the closest fully manned hall should be invoked at any mutual scenes. The joint command scenario makes the best use of volunteers and also keeps the career members fully involved for any follow up information to the incident.

New Hall Locations

Consider a new contracted volunteer hall location at Predator Ridge with mutual aid from other City departments for larger calls.

Consider a contracted automatic mutual response to Foothills area with BX Department which is located between Vernon Hall and subject site.

Guidelines

Guidelines for all current and future departments should be written to ensure common procedures for dual response situations. With the fire zone around each hall being different, the initial response and type of equipment mobilized will be particular to the first responding hall requiring a specific Operational Guideline. In the event a dual response is required, an integrated operating guideline will take effect. The benefit of this is that each hall has a strong guideline to follow as the size, scope and intensity of the response increases.

Equipment

- Take advantage of joint purchasing power
- Station all equipment in locations that it most suited.
- Training for all firefighters, including Vernon Volunteers on all pieces of equipment IE: all firefighters trained on pump operation of Compressed Air Foam System on OKLVFD 93 for added versatility at a joint scene
- Volunteer and paid firefighters carry portable radios in strategic locations, creating a benefit from a quick size up thus minimizing unnecessary full lights and siren responses to many calls.
- Familiarize with all equipment in all halls. IE: Ladder truck, Jaws, Fire boat, Radios, CAFS Unit

Ambulance

The increase in the number of First Medical Responder calls and the decrease in actual Fire Rescue calls to the fire service is a phenomenon that is happening all across North America. Is this a question of downloading the Provincial responsibility for Ambulance Service to the municipal level or a matter of fire departments finding more work to offset the decrease in fire calls? In future growth of Fire Rescue Services in the greater Vernon area a study should be done that includes the costs of having an ambulance bay attached to each fire hall and the cost increase that has occurred while the Fire Rescue services became FMR halls.

Training

An excellent opportunity exists to start a joint training routine. With joint training we build a well coordinated integration of services and methods.

The benefits of this include:

- Better coordinated fire attack
- Shared best practices of each group's operating guidelines
- Recognition of unique requirements of respective response situations (e.g. fire boat, jaws, FMR, and wild land interface areas)

There is a need for a Training Officer for the benefit and resource of career, volunteer and contracted volunteer halls. Priority initiatives for Training Officer could be:

- 1) Building a program and training for a common fire ground accountability system with common markings for names, titles, safety officers, and an agreed common Incident Command System that career, volunteer and contracted volunteer firefighters can work with.
- 2) Initiate a program and operational guideline for efficient 360 degree size up and radio report procedure and agreed protocol with use of the portable radios strategically placed among fire fighters in the community as previously discussed. OKLVFD has this system in place now and find it works well and mitigates unnecessary code 3 responses (lights and siren).
- 3) Equipment familiarization and training of Vernon Volunteers and all firefighters to operate equipment in or from contracted halls.

Administration

Administrative responsibilities and tasks could be shared on the following levels:

- A full time training officer could be utilized to coordinate training of all firefighters and to develop a joint training program that would help to integrate firefighting in the Vernon area
- A full time inspection and investigation officer is required. Inspection demands have increased with the current growth and will continue to increase as the city continues to grow. Currently the inspections are not up to date and with no improvement in that area the backlog will grow. Fire investigation could be part of the fire inspector's portfolio until such time as there was a need to split the positions.
- Contract Services: There appears a requirement for hiring or contracting Fire inspectors, hiring or contracting Fire investigators, emergency situation coordinators etc. as required and to fill the fire services which are not already handled by contract or career fire fighters. We understand that we, as OKLVFD, do not currently supply some of these functions including First Medical Responder program and we fully support fairly charging the taxpayer for any of the services that they receive that are not part of the contracted service. Please see list of the services we DO provide within our budget and existing contract.
- We foresee a possible benefit of the Fire Inspector working with us to create and implement structure pre-plans and operational guidelines and contact sheets for schools, care homes, industry, airport, and larger development structures such as the Strand. An automatic pre-plan for special equipment from other departments including Vernon FD for the occasional real working situation would be beneficial
- A full time education and fire prevention position is a proactive way to take care of fire incidents before they happen and to make the ones that do happen less severe. Training in schools and public forums to educate the public in fire prevention and awareness will reduce the number of incidents. An active interface education program will reduce the severity of interface fires in the area WHEN they happen.

Building Code

Building codes and materials used for all new construction, and bylaws in regards to burning have decreased fire call volume all across North America. New trends in Fire-Rescue services should be addressing this by developing halls that do not need to be manned on a full time basis but can react when there is an incident. A volunteer model is the best fit for this type of fire hall.

Technology

Technology is behind for the fire service in the City of Vernon. The dispatch center and all vehicles should have an upgrade in available technology. An automated computer mapping system would enable quick decision making. GPS mapping systems in all emergency vehicles with automatic map displays showing incident addresses and required resources like water sources etc would guarantee a direct and quicker response. Dispatchers do a great job in a difficult occupation. Spend enough money on technology to make all of our responses more informed and give the dispatch centre the tools they require. We look forward to further investing in automating dispatch with agreed protocols and proven systems for selecting the most effective responding units.

Common software for SCBA bottle rotation, maintenance, atmosphere detection software and hardware for calibration, etc. for quick turn around of testing would be a benefit to the Fire Rescue Services

Response Times

It cannot be denied that the time it takes to get to a fire is critical. A fire behavior graph will show that on major fires the most damage is done in the first 10 minutes. This however does not justify staffing a fire hall as if every fire was going to be the one that grew too fast. A full-time manned hall has a response time of a minute in the majority of cases. The Okanagan Landing Volunteer Fire Hall has an average response time between four and five minutes. Please see Appendix 1 - 2007/08 Response Times. The history in the Okanagan Landing area shows that the worst case scenario is extremely rare. The fire behavior graph in the existing study looks at each call as if it is a potential structure fire with open flame, while history demonstrates that the common fire call is a false alarm, smell of smoke, motor vehicle accident or varied threats. While a quick response is still of high importance the cost of an extra few minutes in every response cannot be proven and exposures have always been mitigated due to the quality of response. We have taken the position of evaluating only the time required to get the appropriate piece of equipment out the door and responding. Too many variables were included and used in the existing fire services report of January and presentations to date. We also believe that drive time is determined only by distance and driving conditions.

Quality of Response

The speed of response is only as good as the work that can be done once the responding crew is on the scene. If it is a two man response there is nothing that can be done except for a size up and equipment positioning. WCB standards state that four members need to be on scene in order to enter a burning building. With a four man crew a size up and initial response can be done. If the fire is something large, like a potential structure fire, even a four man response is inadequate and the crew has to work in crisis management mode while they wait for more firefighters to respond.

With an on call volunteer hall the response takes a few minutes longer as there is travel time to the fire hall but the response continues with all members until they are told it is a code two (no lights and siren) or to stand down. The benefit of this type of response is the initial attack truck comes manned with four to six firefighters, enough to set up a logical fire attack and start to protect any exposures. Within minutes a second crew arrives and a full blown attack can take place. More crews continue to arrive, setting up a Rapid Intervention Team and additional attack teams. The key advantage of this third type of response is the extra manpower coverage is on the way before size up is done, compared to being dispatched after size up has taken place. Because this is done with a paid on call volunteer department the manpower cost per year for all of this coverage is less than one full time firefighters yearly wage cost.

The OKLVFD has an excellent track record of hasty response times, property loss prevention and effective fire attack. We provide a consistent response for all calls with an average 16 members, at least 3 pieces of equipment and almost unlimited mutual aid ability.

Often we will have a size up response over one of ten portable radios carried by individual members as they respond to the hall. This information saves time and minimizes the risk of a full

code 3 (lights and siren) response in many cases. Response times for us cannot always be calculated by the arrival of the truck at the scene or leaving the hall.

Cost Benefits of a Volunteer Fire Department

Our total budget including operational, maintenance, manpower and capital purchases and future capital reserve is less than \$ 300,000 per year, Vernon City adds to this cost with some administration and any related services that they provide and can attribute to the Okanagan Landing such as Medical First Responder and a few Jaws calls as well as Inspection, some public education which they are better equipped to handle. We are glad to have Vernon Staff and Career Fire Fighters do the functions that we cannot provide at a substantial cost savings to the City. These items are easy to track for finance and administration purposes. We also manage our own fire hall buildings, grounds and vehicle maintenance and therefore take pride in taking on many projects ourselves including general clean-up, spring and fall, with substantial hours of manpower and effort volunteered for this function.

100% Volunteer - Why it Works

Volunteer fire halls survive (80% of North American Fire Fighters are Volunteer or "Paid on Call" as you may hear) because they share some benefits to the Members to keep them interested and dedicated. Our hall is no different. Our members have access to the hall 24/7. We wash our cars, take on mechanical projects, enjoy events with our families and Spouses, commit to community events, and share a brotherhood and sisterhood that is not duplicated anywhere. We train together, have a rank and respect structure, have a trust system and know each other strengths and weaknesses. On the fire ground, that is the most powerful tool we have. We trust each other with our LIVES. There is an AVERAGE of 9 years experience as firefighter in our hall and therefore obviously some with many more years. We democratically elect within the membership who is going to provide qualified leadership on the fire ground and business issues. We take the responsibility of operating OKLVFD seriously and these are the items which keep a 100% volunteer brigade strong and dedicated.

Conclusion & Recommendations

Training

- Utilize a paid training officer to develop modules and lead in group exercises.
- Training and agreement on accountability on a scene and incident command
- Joint training exercises on items such as:
 - Ladders
 - Jaws
 - Boat
 - Radio
 - Familiarization with all equipment in all halls
 - Burn building
 - Disaster training between halls.
 - Hazmat training
- All members trained to WCB interface standards S100

Administration

- Fire preplans, inspection and education
- Reports and bookkeeping/clerical data entry
- Group purchasing for cost savings
- Information sharing
- School and Public education
- Fire prevention
- Group Insurance
- Certifications of pumps, ladders etc.
- Standardization of gates and keys
- Joint meetings on a regular basis.

Operations

- All volunteers should be called as initial paid members are called. Why? Quality of response, Volunteers can always be called off with a good quick size up.
- Working together and asking for help when needed.
- Education of each others areas
- Common markings for names, titles, safety, command etc.
- Same incident command and accountability.
- Share best practices of each group's operating guidelines.
- More information with details on dispatch (caller location, type of call etc.)
- Radio channels - certain channels for certain areas/zones (cohesion with search and rescue channels)
- Automatic guidelines for dispatch in Vernon to get different vehicles for certain situations.
- We don't want to leave any zones uncovered by people with local knowledge.
- Suggest utilization of members in extremities with portable radios.
- Strategically placed portables and gear for members in unique areas.
- Reducing over response to calls.
- We are currently trained in effective extraction with existing gear such as saws and air bags, but recommend equipping all halls with jaws tools and training in order to eliminate dual hall response to motor vehicle extrications
- Re examine the use of first responder on all ambulance calls

Fire Prevention

- Paid members available during the day to educate our public, schools etc.
- Interface education for the public i.e. pine beetle
- Help each other with risk assessments.

Equipment Procedures

- Preplanned utilization depending on nature of the call. i.e. Forestry in Vernon rolls 93
- Utilize Vernon as a resource for information when purchasing
- GPS laptops in trucks.
- Invest in Dispatch Technology
- Equipment placement between halls analyzed and better utilized

Summary

Our future model uses a mixed Fire-Rescue Service for the City of Vernon. The mix would be made up of volunteer halls that are relatively quick to bring into operation as areas grow or are amalgamated into the city and full time manned halls with volunteer back up in the busier areas. The full time manned halls would coordinate fire-rescue services and offer first medical responder coverage. We envision one master Operational Guideline made up of individual hall guidelines up to a certain level and then moving up to dual response guideline within Vernon Fire-Rescue areas, finally to a guideline that is recognized by the province for larger incidents (BCERMS). Fire-Rescue Services for the City of Vernon would be under the responsibility of the City of Vernon Fire Chief as it exists today.

We suggest that the specified area for taxation be reviewed and set up to properly administer and calculate the tax savings to the area and fairly charge Okanagan Landing for the services obtained from the City crews and responders.

Appendices

Appendix 1 2007/08 Response Times

2008 All Incidents Response Report - OKLVFD

2008 AVERAGE 4.20 Minutes to Roll

DATE	INCIDENT #	ADDRESS	BEGIN TIME	TONNE TIME ON ROUTE	TOTAL TIME TONE TO ROLLING	Travel Time is a Calculation of time x km/min x terrain /conditions Would be same for Career or Volunteer leaving a given location
5-Dec-07	08-01	6400 Tronson Rd	7:28:58	7:29:01	7:36:30	MVI
8-Dec-07	08-02	6900 Tronson Rd	16:20:23	16:21:15	16:25:07	MVI: Portable on scene before vehicles
8-Dec-07	08-03	7100 Bella Vista	22:40:00	22:41:00	22:45:16	MVI
17-Dec-07	08-04	7915 Tronson Rd	14:24:23	14:24:51	14:31:52	Report from homeowner - OK
18-Dec-07	08-05	7000 Okanagan Landing Rd	14:35:35	14:35:55	14:43:00	MVI
31-Dec-07	08-06	400 Inkster Rd	22:31:19	22:31:56	22:38:36	fire alarm faulty - no fire
1-Jan-08	08-07	6530 Scott Rd.	2:00:49	2:02:43	2:09:10	camp/bush fire with injuries - no damage
6-Jan-08	08-08	6604 Tronson Rd.	5:12:20	5:12:22	5:19:21	small glue fire outside - no damage
13-Jan-08	08-09	7500 Okanagan landing Rd	7:01:25	7:01:56	7:08:54	MVA
15-Jan-08	08-10	8800 Adventure Bay Rd	17:16:11	17:17:54	17:21:52	Called as structure but was Permitted fire
18-Jan-08	08-11	6238 OK Landing Rd	12:25:56	12:25:58	12:32:45	Structure call Creekside Landing Care home under construction
22-Jan-08	08-12	7143 Ogata Way				Smell of smoke, electrical problem, no fire
25-Jan-08	08-13	7594 OK Landing Rd	20:38:15	20:40:21	20:43:35	Chimney Fire - Member & portable radio on scene prior to vehicles
6-Feb-08	08-14	6501 Longacre Drive	8:28:58	8:29:00	8:29:41	MVI - No entrapment
19-Feb-08	08-15	40 Kestrel Place	15:09:09	15:09:30	15:11:01	CO2 alarm, no fire
1-Mar-08	08-16	3036 Crosby Road	17:49:53	17:54:02	18:00:07	Chimney smoke concern, no fire
16-Mar-08	08-17	7760 Ok Landing Rd	19:19:01	19:19:25		False alarm, stood down, member & portable already on scene
17-Mar-08	08-18	2621 O'Keefe Road	15:29:52	15:30:49	15:37:10	Stood down by Vernon member on scene
26-Mar-08	08-19	2610 O'Keefe Road	3:10:58	3:11:03	3:19:24	Dual response, smoke, no fire loss
29-Mar-08	08-20	0 Tronson Road	12:45:02	12:45:09	12:52:19	Small fire, stood down by observer, Ed followed up
6-Apr-08	08-21	9288 Kokanee Road	22:55:00	22:56:00	23:01:55	Home owner extinguished, PPV ventilated for smoke
17-Apr-08	08-22	9245 Kokanee Road	11:15:23	11:15:55	11:21:47	False alarm, Unit 91 request stand-down
20-Apr-08	08-23	Foster Road				Smoldering campfire complaint

2008 All Incidents Response Report - OKLVFD

2008 AVERAGE 4.20 Minutes to Roll

DATE	INCIDENT #	ADDRESS	BEGIN TIME	END TIME	ON ROUTE	TOTAL TIME TONE TO ROLLING	Travel Time is a Calculation of time x km/min x terrain /conditions Would be same for Career or Volunteer leaving a given location
23-Apr-08	08-24	7673 OK Landing Road	4:01:20	4:01:23	4:06:00	0:04:37	Employee's on scene accidentally set off fire alarm, no smoke
24-Apr-08	08-25	9845 Eastside Road	23:05:38	23:05:39	23:10:49	0:05:10	Called in as structure fire, later downgraded to dumpster fire as related to us.
7-May-08	08-26	9743 Delciffle Road	5:45:00				Damage complaint, checked out by Del, owner called from Seattle
9-May-08	08-27	151 Sunset Blvd	20:08:36	20:08:39	20:09:20	0:00:41	False alarm, did a walk thru with Night Hawk Security
10-May-08	08-28	151 Sunset Blvd	22:51:47	22:51:03	22:57:10	0:06:07	Fire alarm again, Night Hawk could not get thru gate
11-May-08	08-29	151 Sunset Blvd	1:21:18	1:24:20	1:30:09	0:05:49	Vernon Business Service received permission to disable alarm, 3rd false alarm in 2 days, system tech to take over
11-May-08	08-30	2727 Lakeshore Road	9:29:46	9:31:19	9:33:20	0:02:01	Transformer possibly on fire, tree branch fell on primary shorted out, BC Hydro notified
14-May-08	08-32	5805 Tern Place Unit 120	19:15:07	19:16:02	19:19:19	0:03:17	Stove fire, Vernon truck on scene, 91 stood by at Fulton
14-May-08	08-31	8760 OK Landing Road	16:25:04	16:25:10	16:26:42	0:01:32	Ambulance service reports vehicle over bank, 1 person entrapment
17-May-08	08-33	9060 Tronson Road #12	1:08:51	1:10:40	1:16:54	0:06:14	Fire alarm from VBS owner contacted, OKLVFD checked out
19-May-08	08-34	6190 OK Landing Road	7:01:20	7:02:08	7:07:57	0:05:49	Fire alarm Creekside Landing, reported by Security Web Solutions
20-May-08	08-35	6190 OK Landing Road	4:15:06	4:15:08	4:20:46	0:05:38	False Alarm Creekside Landing
20-May-08	08-36	6190 OK Landing Road	18:20:35	18:20:59	18:22:37	0:01:38	Fire Alarm reported by Security Web Solutions, false alarm again
24-May-08	08-38	8134 OK Landing Road	12:25:55	12:26:33	12:31:21	0:04:48	Boat reported as slipped over, 2 persons onboard, rescued and uprights boat onshore. 2 occupants okay
24-May-08	08-39	8804 OK Landing Road	17:44:56	17:44:59	17:48:09	0:03:10	Single vehicle MVI, Hydro contacted, Shaw cable contacted, no entrapment
25-May-08	08-40	8855 Tronson Road	10:30:46	10:30:56	10:37:39	0:06:43	Flash fire at Tavistock

2008 All Incidents Response Report - OKLVFD

2008 AVERAGE 4.20 Minutes to Roll

DATE	INCIDENT #	ADDRESS	BEGIN TIME	ARRIVE TIME	ON ROUTE	TOTAL TIME TONE TO ROLLING	Travel Time is a Calculation of time x km/min x terrain /conditions Would be same for Career or Volunteer leaving a given location
13-Jul-08	08-62	OK Landing & Lakeshore					Single vehicle off road, no injuries
13-Jul-08	08-63	7250 OK Landing Road	23:01:10	23:01:45	23:06:32	0:04:47	Single vehicle MVI in front of Fire Hall, 1 person entrapped, BCAS, RCMP & VRS responded. Jaws used to extricate.
17-Jul-08	08-64	Above Ellison Park					Caller from Westside saw smoke above Ellison, crews responded turned out dust from gravel pit, Forestry did fly over
17-Jul-08	08-65	8800 Adventure Bay Rd	17:40:23	17:40:26	17:44:18	0:03:52	Overtured canoe, boat call
19-Jul-08	08-66	OK Landing & Harbour Heights	23:14:52	23:14:53	23:19:46	0:04:53	Caller reports vehicle on fire at Harbour Heights, no occupants, witnesses say 1 person left scene, RCMP notified, RCMP assumed command when fire
20-Jul-08	08-67	9238 Chinook Road	19:15:04	19:16:20	19:20:03	0:03:43	Fire in roof, attic fan, contained and extinguished
20-Jul-08	08-68	7801 OK Landing Road	19:51:19	19:51:40	19:55:50	0:04:10	Reported male missing from boat, 20 minute time delay, RCMP, SAR also contacted.
23-Jul-08	08-69	Cummings Road	6:08:06	6:08:14	6:13:59	0:05:45	Single vehicle MVI reported by BCAS EHS, RCMP & VRS attended, turned over to OKLVFD
23-Jul-08	08-70	6521 OK Avenue	16:32:08	16:32:10	16:33:17	0:01:07	Natural gas smell near address, 2.5 inch line severed, Terasen notified and responded to shut off. OKLVFD released from scene
24-Jul-08	08-71	Tronson and Lakeshore	23:38:55	23:38:58	23:44:42	0:05:44	BCAS reports car driven in the lake at Kin Beach
25-Jul-08	08-72	OK Landing & Marshall Field					MVI reported, no vehicle found
26-Jul-08	08-73	6712 Ok Avenue	1:30:11	1:30:14	1:36:29	0:06:15	Single vehicle MVI reported by BCAS, no person found, no fire
26-Jul-08	08-74	Okanagan Lake	9:37:11	9:37:15	9:41:04	0:03:49	Reported boat adrift, unknown if occupied. Fire boat responds
27-Jul-08	08-75	Across from Paddlewheel Park	4:19:00	4:19:04	4:20:49	0:01:45	Reported Hydro pole on fire, found grass fire started by road spread uphill, RCMP notified of suspicious origins
28-Jul-08	08-76	Kin Beach by creek	4:42:56	4:43:03	4:47:02	0:03:59	Single vehicle on fire, extinguished
31-Jul-08	08-77	40 Kestrel Place	9:14:43	9:14:46	9:19:42	0:04:56	VBS reports fire alarm at #31. OKLVFD called off on route
31-Jul-08	08-78	6677 Tronson Road	21:21:09	21:21:11	21:25:03	0:03:52	Single vehicle MVI ,no injuries, no fire

2008 All Incidents Response Report - OKLVFD

2008 AVERAGE 4.20 Minutes to Roll

DATE	INCIDENT #	ADDRESS	BEGIN TIME	TONE TIME	ON ROUTE	TOTAL TIME TONE TO ROLLING	Travel Time is a Calculation of time x km/min x terrain /conditions Would be same for Career or Volunteer leaving a given location
2-Aug-08	08-79	Cameron Rd & Eastside Rd	14:46:14	14:46:16	14:50:15	0:03:59	Code 2 response requested for Transmission fluid leak
3-Aug-08	08-80	6585 Scott Road	22:59:55	22:59:57	23:01:49	0:01:52	BCAS reports single vehicle MVI unknown entrapment, roll over
3-Aug-08	08-81	6585 Scott Road					Fuel leak clean up
9-Aug-08	08-82	105 Sunset Blvd					Smoke detector, workers doing job set off alarm
14-Aug-08	08-83	9603 Eastside Road	16:09:11	16:09:14	16:09:14		Large garbage bin fire, extinguished by CAFS 93 & 91
16-Aug-08	08-84	7051 Jasper Drive	11:10:39	11:11:44	11:14:36	0:02:52	False alarm
17-Aug-08	08-85	8160 OK Landing Road	10:13:15	10:13:32	10:15:42	0:02:10	Securitech reports fire alarm at address no access to home, all reps contacted with no success, rear glass door broke to gain access, 3 vehicles in
17-Aug-08	08-86	9708 Eastside Road	16:23:10	16:23:11	16:26:47	0:03:36	Reported lightening strike above Cameron Pt. turned out to be dust from excavation. Forestry also notified
22-Aug-08	08-87	8121 OK Landing Road	16:50:01	16:51:00			Request to check out barrel washed up on shore, regarding content, check out, water in it.
24-Aug-08	08-88	9900 Eastside Road	1:55:30	1:55:33			Call cancelled by home owner, thru dispatch. DB called home owner by phone to confirm no further danger.
25-Aug-08	08-89	6047 Tronson Road	18:44:46	18:45:17	18:46:19	0:01:02	Structure fire in garage, grow op situation RCMP attended
28-Aug-08	08-90	8129 OK Landing Road	18:23:04	18:23:04	18:28:03	0:04:59	Caller reports missing person off air mattress, fire boat and land vehicles respond
28-Aug-08	08-91	7295 OK Landing Road	21:11:55	21:11:59	21:12:15	0:00:16	False alarm, called off on route
29-Aug-08	08-92	Tronson Road	5:28:44	5:29:46	5:33:22	0:03:36	Hydro pole fire on top, traffic control, Hydro called, turned scene over the Hydro
30-Aug-08	08-93	Tavistock Development Tronson Road	17:41:47	17:42:01	17:47:40	0:05:39	Kate from Forestry relayed call about smoke across from the yacht club, member with portable radio on scene prior to vehicles
1-Sep-08	08-94	6250 Tronson Road	13:32:27	13:32:46	13:38:01	0:05:15	Plane crash - Vernon vehicles on scene

2008 All Incidents Response Report - OKLVFD

2008 AVERAGE 4.20 Minutes to Roll

DATE	INCIDENT #	ADDRESS	BEGIN TIME	TO NE TIME	ON ROUTE	TOTAL TIME TONE TO ROLLING	Travel Time is a Calculation of time x km/min x terrain /conditions Would be same for Career or Volunteer leaving a given location
9-Sep-08	08-95	6800 Tronson Road	21:03:51	21:03:53	21:04:01	0:00:08	Motorcycle MVI - BCAS on scene
12-Sep-08	08-96	7944 OK Landing Road	18:48:57	18:49:00	18:52:11	0:03:11	Vehicle roll over off Bench Row Road, BCAS on scene, deployed attack line, no jaws required, occupant fleeing scene
14-Sep-08	08-97	6900 Tronson Rd	12:16:35	12:16:37	12:20:16	0:03:39	Electrical panel outside sparking, RCMP on site, notified Hydro, no fire
17-Sep-08	08-98	7016 Lakeridge Drive	7:52:47	7:52:50	7:57:22	0:04:32	VBS reports fire alarm, false alarm, did 360 walk around
19-Sep-08	08-99	Tavistock Development	19:29:56	19:26:57	0:00:00		Reported bonfire concern, agreed to take a look.
23-Sep-08	08-100	9900 Eastside Road	16:15:34	16:15:36	16:19:01	0:03:25	Fully involved boat fire, fire boat and vehicles respond
10-Oct-08	08-101	7051 Jasper Drive	18:56:01	18:57:10	18:59:47	0:02:37	VBS reports smoke alarm, false alarm
11-Oct-08	08-102	Strand					Fire alarm reported by Dan Walker, DB attended to reset
13-Oct-08	08-103	6190 OK Landing Road	16:27:05	16:27:25	16:30:26	0:03:01	Security Web Solutions reports fire alarm at Creekside. Patient pulled alarm.

Average Time to Roll First Truck and Fire Fighters

0:04:20

Data compiled from 2008 Incident Reports and IC Notes from Roster Report

2007 All Incidents Response Report - OKLVFD

2007 AVERAGE 5:13 Minutes to Roll

DATE	INCIDENT #	ADDRESS	BEGIN TIME	TONES	ON ROUTE	TOTAL TIME TONE TO ROLLING	Travel Time is a Calculation of time x km/min x terrain /conditions Would be same for Career or Volunteer leaving a given location
5-Dec-06	07-01	9247 Kokanee Road	9:21:07	9:22:09	9:28:13	0:06:04	Automatic fire alarm
12-Dec-06	07-02	Eastside Road	8:22:19	8:23:34	8:28:41	0:05:07	MVI Roll over with entrapment - patient out of vehicle when crews arrived
14-Dec-06	07-03	Okanagan Landing Road	15:53:55	15:54:01	16:01:07	0:07:06	2 vehicle MVI - no entrapment
23-Dec-06	07-04	9060 Tronson Road	19:38:50	19:40:04	19:45:00	0:04:56	Cancelled by Ambulance
26-Dec-06	07-05	6825 Cameo Road	6:14:49	6:14:42	6:22:52	0:08:10	BCAS reports MVI - Occupant left the scene
28-Dec-06	07-06	7000 Okanagan Landing Road	6:25:21	6:25:24	6:32:10	0:06:46	Single vehicle MVI - Occupant out, tracks on road, searched for possible occupant
28-Dec-06	07-07	0 Crosby Road	22:24:48	22:24:50	22:29:56	0:05:06	Reported chimney fire - none found
29-Dec-06	07-08	7471 Tronson Road	14:45:51	14:46:11	14:52:09	0:05:58	2 vehicle MVI - No injuries
20-Jan-07	07-09	273 - 6900 Tronson Road	3:18:58	3:19:36	3:26:06	0:06:30	Chimney fire, extinguished
8-Feb-07	07-10	7501 Bench Row Road	4:22:47	4:25:01	4:30:05	0:05:04	Reported structure fire at PRT, was pallets and Styrofoam
19-Feb-07	07-11	0 Adventure Bay Road	19:31:39	19:31:41	19:36:10	0:04:29	Stolen Van on fire, extinguished with 93
20-Feb-07	07-12	0 Lakeridge Drive	6:42:48	6:43:07	6:48:24	0:05:17	BCAS reports Roll over
22-Feb-07	07-13	7300 Bella Vista Road	3:26:13	3:26:15	3:33:25	0:07:10	BCAS reports single vehicle MVI driver in custody
2-Mar-07	07-14	#91 6688 Tronson Road	12:36:37	12:42:04	12:48:04	0:06:00	ADT reports alarm
10-Mar-07	07-15	#9 Kestrel Place	11:28:25	11:30:07	11:35:04	0:04:57	Automatic fire alarm - False
14-Mar-07	07-16	5899 Tern Drive	15:28:13	15:28:19	15:30:00	0:01:41	Dual response, grass fire
17-Mar-07	07-17	7688 Okanagan Landing Rd					Investigation of Antifreeze spill
14-Apr-07	07-18	6083 Okanagan Avenue	21:11:22	21:13:03	21:22:37		Camp fire - delay confirming location
20-Apr-07	07-19	9497 Eastside Road	17:39:37	17:40:36	17:44:38	0:04:02	BCAS reports MVI with wires down
20-Apr-07	07-20	0 Inkster	19:37:20	19:38:42	19:42:14	0:03:32	Structure fire, multiple calls, good containment
23-Apr-07	07-21	9820 Eastside Road					RCMP call, man made party fire
23-Apr-07	07-22	Behind 7015 Pinto Place					Security guard called direct, smoke complaint
26-Apr-07	07-23	6300 Tronson Road	14:26:54	14:26:59	14:34:51	0:07:52	Gas line hit at the Airport with excavator

2007 All Incidents Response Report - OKLVFD

2007 AVERAGE 5:13 Minutes to Roll

DATE	INCIDENT #	ADDRESS	BEGIN TIME	TONE TIME	ON ROUTE	TOTAL TIME TONE TO ROLLING	Travel Time is a Calculation of time x km/min x terrain /conditions Would be same for Career or Volunteer leaving a given location
26-Apr-07	07-24	7215 Longacre Drive	22:27:46	22:28:25	22:31:00	0:02:35	Burning garbage
29-Apr-07	07-25	8800 Tronson Road	20:00:01	20:02:42	20:05:22	0:02:40	Bush fire from electrical lights
2-May-07	07-26	#16 - 100 Kestrel Place	18:52:04	18:52:05	18:56:20	0:04:15	Shadow alarm reports fire alarm, PR contacted, no
17-May-07	07-27	Tronson Road	22:04:12	22:04:13	22:09:24	0:05:11	BCAS reports single vehicle MVI, nothing found
20-May-07	07-28	8614 Foster Road	18:12:11	18:12:37	18:15:30	0:02:53	Man fell out of boat, picked up by passing boat
26-May-07	07-29	5920 Okanagan Avenue	18:55:02	18:55:09	18:58:18	0:03:09	Smell of electrical, none found, power shut off
29-May-07	07-30	Off Old Stamp Mill Road	20:20:27	20:20:29	20:20:15	0:01:00	Female reported in distress swimming off shore,
13-Jun-07	07-31	2804 Richfield Drive	8:10:44	8:12:18	8:18:30	0:06:12	VoxCom Securities reports smoke detector, false alarm
15-Jun-07	07-32	7322 Grant Road	7:18:02	7:18:35	7:22:05	0:03:30	False Alarm due to low water pressure
21-Jun-07	07-33	8684 Ok Landing Road	9:04:40	9:05:20	9:12:43	0:07:23	Owner caused gas leak, Terasen attended
23-Jun-07	07-34	6600 Block Scott Road	3:21:32	3:22:06	3:27:49	0:05:43	Hide-A-Bed on fire at the side of road
29-Jun-07	07-35	OK Lake in front of Yacht Club					Boat loose, called by yacht club
4-Jul-07	07-36	Kestral Place					Called off
6-Jul-07	07-37	7800 Tronson Road	10:07:12	10:07:23	10:12:42	0:05:19	Hydro line down, Hydro contacted
11-Jul-07	07-37A	9563 Eastside Road	9:43:38	9:43:40	9:46:13	0:02:33	VBS reports fire alarm, OKLVFD called off
9-Jul-07	07-38	7155 Tronson Road	7:06:14	7:06:17	7:11:44	0:05:27	Burning stump
13-Jul-07	07-39	7769 OK Landing Road	17:47:44	17:47:46	17:52:13	0:04:27	BBQ on fire
15-Jul-07	07-40	7976 Ok Landing Road	20:01:15	20:01:19	20:05:07	0:03:48	No incident, boat being towed by swimmers
18-Jul-07	07-41	7456 Old Stamp Mill Road	15:16:33	15:16:35	15:17:53	0:01:18	BCAS reports vehicle over embankment
21-Jul-07	07-42	6900 Tronson Road					Called off
23-Jul-07	07-43	9030 Peters Road	15:24:36	15:26:00	15:34:50	0:08:50	Single vehicle roll over, minor injuries
28-Jul-07	07-44	7210 Okanagan Landing Road	0:39:12	0:39:30	0:48:06	0:08:36	Security reports gas leak, checked out by man on
28-Jul-07	07-45	7673 OK Landing Road	1:07:30	1:07:31	1:14:40	0:07:09	Fire alarm, false

2007 All Incidents Response Report - OKLVFD

2007 AVERAGE 5:13 Minutes to Roll

DATE	INCIDENT #	ADDRESS	BEGIN TIME	TONE TIME	ON ROUTE	TOTAL TIME TONE TO ROLLING	Travel Time is a Calculation of time x km/min x terrain /conditions Would be same for Career or Volunteer leaving a given location
31-Jul-07	07-46	7631 Ok Landing Road	12:17:32	12:18:01	12:24:47	0:06:46	BBQ on fire, melted stucco, maybe fire in the wall
1-Aug-07	07-47	7354 Longacre Drive	9:36:59	9:37:40	9:42:21	0:04:41	Fire alarm from VBS Owner contacted, burnt toast
1-Aug-07	07-48	6900 Tronson Road	16:43:10	16:44:23	16:48:06	0:03:43	Single vehicle MVI - No entrapment
3-Aug-07	07-49	9815 Okanagan Lake	12:00:32	12:00:34	12:06:11	0:05:37	Boat & Vehicle response, crane fell off barge, no injuries
4-Aug-07	07-50	7520 Tronson Road	11:20:41	11:20:42	11:25:09	0:04:27	Alarm call AlarmMasters, Smoke alarm acting up
6-Aug-07	07-51	7354 Longacre Drive					Called off, no apparatus used
11-Aug-07	07-52	6775 Bella Vista road	0:53:01	0:54:39	1:02:04	0:07:25	Single Vehicle MVI - Jaws assist
12-Aug-07	07-53	6123 Bella Vista Road					MVI
14-Aug-07	07-54	7898 Tronson Road	13:03:52	13:04:06	13:11:27	0:07:21	Alarm call, Burnt lunch
18-Aug-07	07-55	0 Lakeshore Road	15:09:39	15:11:28	15:15:07	0:03:39	Capsized boat, member on scene immediately with radio
20-Aug-07	07-56	9845 Eastside road					Entrapment in Elevator
25-Aug-07	07-57	5700 Bella Vista Road	19:04:00	19:05:24	19:12:16	0:06:52	Grass fire, dual response
2-Sep-07	07-58	6400 Tronson Road					No response times recorded as power out
5-Sep-07	07-59	8852 Adventure Bay Road	13:12:35	13:15:46	13:20:12	0:04:26	VBS reports alarm
15-Sep-07	07-60	Near City Dump					Vernon assist, no times
29-Sep-07	07-61	6524 Okanagan Avenue	17:46:56	17:46:58	17:51:00	0:04:02	Burning leaves, owner extinguished
29-Sep-07	07-62	9104 Eastside Road	23:17:26	23:18:57	23:25:49	0:06:52	Single vehicle MVI, no entrapment
16-Nov-07	07-63	6643 Longacre Drive	8:12:35	8:12:37	8:19:07	0:06:30	Chimney fire
20-Nov-07	07-64	7673 Okanagan Landing Road	0:05:18	0:06:03	0:12:43	0:06:40	VBS reports alarm - employees at location, no fire

Average Time to Roll First Truck and Fire Fighters

0:05:13

Data compiled from 2007 Incident Reports and IC Notes from Roster Report