

Fire Investigation Report

Vegetation Fire



Fire Authority Name: Fire and Emergency New Zealand

Fire Name: Early Valley Road, Port Hills

Fire Date: 13th February 2017

Date of Investigation: 14th February 2017 to the 3rd November 2017

Report Completed By: Graeme Still (Lead Investigator) and Jamie Cowan (Supporting Investigator)

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PART 1: WILDFIRE INVESTIGATING OFFICER

Name Graeme Still (Lead Investigator)

Qualifications

- Unit Standard 10615 Investigate origin and cause of vegetation fires
- Unit Standard 20392 Protect and preserve a fire scene
- NRFA Wildfire Investigator L2

Significant Fires Investigated

- WYE Creek Queenstown Lakes 2008
- Wenita Forest Fire Clutha District 2009
- Beaties Fire Dunedin Fire District 2010
- Allanton Fire Dunedin Fire District 2010
- Hyde Fire Dunedin Fire District 2012
- Taieri Beach Forest Fire Clutha District 2012
- Awarua Wetlands Southland RFA 2012
- Revisit Saunders Fire 2008 Clutha District on behalf of Fire Service Commission
- Horse Hoof Station 2014
- Northburn 2014 (Fatality)

PART 1: WILDFIRE INVESTIGATING OFFICER (2)

Name James. P. Cowan (Supporting Investigator)

Qualifications

- Unit Standard 10615 Investigate Origin and Cause of Vegetation Fires
- Unit Standard 20392 Protect and Preserve a Fire Scene
- National Certificate “Fire and Rescue Services” (Vegetation) L4 (2011)
- New Zealand Fire Service “F1, Structure Fire Investigation Course” (2017)

Significant Fires Investigated

- 7-Mile (2010)
- Closeburn Road (2011)
- Queenstown Hill (2011)
- Rob Roy Lane (2012)
- Mount Rosa (2012)
- The Stack Fire (2012)
- Matukituki Fire (2013)
- Northburn Fire (2014) *fatality*
- Waitaki Rail Fires (2015)
- Saddle Hill Fire (2015)
- Waitaki Island Fire (2016)
- Rat Point Fire (2017)
- Piha Fires (2017)

PART 2: EXECUTIVE SUMMARY

Location	On the south side of Early Valley Road, 236 meters past the entrance to 60 Early Valley Road, Lansdowne, Port Hills, Christchurch, New Zealand.
Date of Ignition	13 th February 2017
Time of Ignition	Between 17:30 and 17:39 (approximate times, based on fire behavior calculations and witness observations) First received via the 111 system at 17.44.47 CAD Number F2245608.
Area (ha)	The Early Valley Fire contributed to approximately 1000 ha of the total complex area of 1661ha.
Area and Point of Origin	Within 3m of Waypoint 1566060E, 5170559N NZTM
Impact of Fire on Environment & Property	<p>This fire had a large impact on the environment, property and infrastructure. From ignition on the 13th of February until the fire had stopped running on the 16th of February it had covered approximately 1000ha, damaging four homes and destroying another three. Power infrastructure was also damaged and destroyed. This fire would eventually meet up with the Marley Hill Fire on the afternoon of the 15 February.</p> <p>The environmental impact was significant with numerous shelter belts and small forestry blocks destroyed, land cover was also compromised leaving the area exposed to the prevailing Northerly winds, and subject to erosion. The land cover consisted of:</p> <ol style="list-style-type: none"> 1. Scrub consisting of gorse, hebe and pockets of bracken 2. Forestry mainly Pinus radiata with some Douglas fir 3. Grass cover consisted of mainly rye grass and cocksfoot. <p>Regeneration in these environments with low fertility soils is very slow, except for the invasion of gorse and weeds. There are community initiatives to over sow this area in grasses to help eliminate the invasion of weeds.</p> <p>The majority of the area burnt is privately owned, and will have a slow recovery for private gardens and shelter belts.</p>
Cause of Ignition	This fire cause is categorized as 'undetermined' however it is probable that it was deliberately lit.

Persons or
Persons
Responsible for
Fire

No responsible party was identified during the course of this investigation.



PART 3: PROCESS OF INVESTIGATION

Introduction

On the 13 February 2017, at around 1743 hours a fire was reported via the 111 emergency system stating there was a large scrub on Early Valley Road, Lansdowne, Selwyn District.

The district was experiencing elevated fire weather indices and as such the area was moving to a prohibited fire season.

For the purpose of this investigation we will refer to this fire event as the “Early Valley Road Fire” with the Selwyn District Council being the fire authority.

A second fire event started at Marley Hill some 4km away at around 1900 hours and eventually these two fires combined to be one of the most devastating fires in New Zealand history in terms of property and assets lost.

Multiple crews and air support from throughout the country fought this fire for several days before it was brought under control.

The investigation team consisted of

Lead investigator L2: Graeme Still
Investigator L1: Roy Hoogenradd
Police: Detective Craig Farrant (Christchurch)
Supporting Investigator L2: Jamie Cowan

Subject matter experts

Electrical Engineer: Ian Alexander (IJ Alexander LTD)
Scion Rural Fire Research Group, [REDACTED]

Process

14 February 2017

- At 0630 hours, I was contacted by Mr. Tim Mitchell, National Fire Manager Region 4 asking if I could assist with a wildfire investigation for the fire that originated on Early Valley Road, Lansdowne, Selwyn District Christchurch on the evening of the 13th February. [REDACTED]
 - 0700 hours, I rang Mr. Mitchell and informed him that I was able to assist, Mr. Mitchell formally requested me to carry out an investigation with instructions to assist Mr. Roy Hoogenradd a Level One Wildfire investigator for the New Zealand Fire Service. I informed Mr. Mitchell my arrival would be around 1300 hours.
 - Whilst in transit to the site I contacted Mr. Hoogenradd and informed him I would meet him on the fire ground at Early Valley Road after meeting up with the Incident Controller at Selwyn District Council.
 - At 1307 hours, I arrived at Selwyn District Council and received a briefing from Selwyn Principal Rural Fire Officer, Mr. Douglas Marshall, this included a summary of the incident.
 - An agreed terms of reference was discussed and later documented. (Appendix 7)
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- All available Fire Weather data, the ICAD report and other relevant material to assist with the initial investigation was collected.
- 1550 hours, I meet up with Mr. Roy Hoogenradd at Early Valley Road, at this time it was decided that this event required a Level Two Wildfire Investigator and that I would take over the investigation. An initial scene examination was undertaken and photographed.
- 1820 hours, left Early Valley Road to go to the Marley Fire site.
- 2230 hours, emailed police requesting assistance for this investigation. The terms of reference for the police was to assist in gathering witness statements and for any other enquires and to control and secure the scene.

15 February 2017

- 0800 hours, available witness information gathered, and witnesses contacted for interviews.
- 1030 hours, arrive Early Valley Road Fire scene after arriving back from Marley Hill Fire.
- 1100 hours, commence investigation to determine origin and cause, accompanied by Mr. Roy Hoogenradd whom took photos. A full external and internal examination was carried out.
- Contacted by Orion investigator Ken Legat.
- 1400 hours, Ken Legat arrives at Early Valley Road and terms of engagement confirmed.
- Examination continued until 1500hours at which time fire changed direction and we left fire ground and returned to Selwyn District Council for more intelligence.

16 February 2017

- 0700 hours, return to fire ground to carry out further external and internal examination accompanied by Mr. Roy Hoogenradd.
- 08.30 hours, Ken Legat Orion investigator arrives at fire ground.
- 09.25 hours, [REDACTED] electrical engineer acting for Orion arrives on scene.
- 09.45 hours, examination of poles and lowered lines along Early Valley Road and also high KV lines up to Burkes Bush examined.
- 10.20 hours, commence internal examination, flagging of fire direction indicators commenced.
- Witness interviews were undertaken by Roy Hoogenradd and Ken Legat.

17 February

- 0700 hours, assigned to Air Attack for the day and Roy Hoogenradd continues with witness interviews for the day.
- 1720 hours, meet with detective Craig Farrant from Christchurch police and Ken Legat (Fire Investigation Services) Orion investigator. Terms of engagement and police involvement was discussed. Police agreed to cordon off and secure the General Origin Area of the Early Valley Road Fire.
- 1750 hours, security in place for Early Valley Road.
- 1800 hours, return back to Dunedin.

19 February

- 1400 hours, further meeting with Ken Legat to discuss process and progress. Discussed that Orion and others must take lead from me and police.

20 - 24 February

- Continue with fire ground investigation on both Marley Hill and Early Valley Road.
- 1430 hours, IAG investigators (Corporate Risk Limited) arrive. [REDACTED] representing. Terms of engagement confirmed, the National Rural Fire Authority are the lead agency and in charge of scene.

4 April

- Engage Mr. Ian Alexander Consulting Electrical Engineer to provide independent electrical expert input into the fire origin and cause.

2 May – 4 May

- Meet with Mr. Ian Alexander to view fire scene and go through file information.
- Meet with [REDACTED] both acting for IAG insurance.

10 October

- Received final Electrical Engineers Fire Cause Report.

March - 3rd November

- Collate and compile Investigation Report.

External Examination

Tuesday 14 February

Around 1600 hours I was given a tour of the fire site by Level One Investigator Roy Hoogenradd. I commenced my external examination and recorded GPS coordinates of the perimeter of the area of which I believed to be of interest. Roy Hoogenradd photographed points and anything of interest.

Wednesday 15 February

The external Examination continued

Over the course of several days the external examination consisted of walking the power line network from pole AX728 (ruptured fuse) to pole DC979 (line to [REDACTED] property), (Appendix 1, Pole map) also the 11kv spur line heading up the ridge southwards was examined. This line runs off pole number AX814. The use of aerial flights and a drone were also deployed for this inspection. Overview photos are attached. Photo log

One of the outcomes of the external examination was determining if there was any outside influence that could have contributed to this fire. These findings are identified under the heading of Elimination of Possible Causes.

Whilst carrying out the external examination the unburnt fuels were identified to help determine the fuel type that was present. After studying directional burn indicators, witness statements and photos, the general origin area was narrowed down to the, 'general vicinity above Early Valley Road between poles

AX727 and AX728'. (Photo Log, Photo DJ10063 Zoom) Directional flagging commenced from the head of this area. Macro – Indicators were obvious and included good examples of angle of char, some foliage freeze, and heavy staining on large rocks. These indicators clearly show the advancing fires progression. While walking the perimeter it became obvious that the fire travelled in a "U" shape direction with lateral/flank fire indicators easily identified and flagged.

Internal Examination

16 February

Due to elevated fire activity during the day of the 15 February the Internal examination was commenced in earnest on the 16 February.

Before entering the General Origin Area, a series of photographs were taken.

General Origin Area

An examination of the General Origin Area commenced at 0900 hours starting at the head.

We entered the head/advancing side of the run working our way back to the Specific Origin Area (SOA). We worked both sides of the run identifying flank/lateral transition zones and gradually narrowed this in.

From there the advancing head fire indicators were easily identified and flagged. The main indicators in the predominant gorse and grass fuels consisted of, cupping on the gorse which were blunt and rounded off from the advancing fire. Tips were burnt off from the advancing fire among fine fuels like grass stems, indicating the origin side. Other prevalent indicators that helped determine the direction that the advancing fire had taken from the Specific Origin Area was the distribution of white ash on the origin side, (facing the oncoming fire) and staining on the rocks also on the origin side.

At around 1500 hours photos were taken of the power line that runs up to Burkes Bush Road from pole AX814.

The 11kv lines that run south up the ridge from Early Valley Road were lowered at around 1515 hours for inspection, the report on these lines is detailed in the I J Alexander electrical engineer report. (Appendix 8). This area is within the General Area of Origin.

After the line examination finished we continued to track and flag the main fire runs back towards their origins.

There were two significant initial main runs, one moving with wind (southeast direction) and the other slope driven. (south direction) The main fire run indicators were obvious with total foliage removal. Flagging of lateral/flanking, and main run indicators continued, working back to the SOA.

At this point it was evident that an additional unexplained fire run occurred from the west adjacent to pole DC964, at this point I decided to regroup and leave the scene for the day.

Further information obtained from Witness 5, identified how this unexplained additional run had occurred. Witness 5, lit a back burn off Early Valley Road, west of pole DC964 to protect his property, this back burn made a minor run to the south and west but did not contribute to the detrimental outcome of the overall fire event.

21 – 24 February

I returned with Ken Legat, Fire Investigator acting for Orion, [REDACTED] Fire investigator acting for IAG insurance and detective Craig Farrant, who gave a briefing to the Orion and IAG investigators prior to entry.

Flagging of fire direction indicators recommenced within the General Origin Area. Burn and char patterns were easily followed back until a Specific Origin Area was determined near to pole AX728.

Entry was made into the Specific Origin Area, where we were able to identify an area where the fires direction of spread was first influenced by wind and available fuel. Micro Indicators brought us to area of about 3 meters in diameter. This area was flagging and photographed.

Due to the effects of fire suppression and the removal and replacement of pole AX728, we were unable to determine a Point of Origin or reduce the size of the Specific Origin Area to less than approximately 3m in diameter.

Area of origin	The Specific Origin Area was narrowed down to an area within 3m of waypoint 1566060E, 5170559N. This area can be described as “9 meters above the Early Valley Road about 2m to the south west of pole AX728 on the road side of the fence”. (Photo log, photo DJ10063 zoom)
General Specific or Point	

Main fire runs	There were two significant initial main runs, one wind driven to the southeast and one more slope driven to the south. These runs would continue until they reached the head of the gully and crossed Summit Road around 4 km away.
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Spot fires	No spot fires were identified in the general origin area. As the fire developed some short-range spotting was observed.
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Indicated cause	From the site examinations, photos and witness reports, the following hypotheses were formed.
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1. An electrical event causing molten tin splatter (fuse components) to fall to the ground thus igniting the duff layer and/or fine fuels.
2. Cigarette or other similar minor heat source or spark type ignition in the duff layer and/or fine fuels.
3. The fire was deliberately lit.

No positive indication of cause was determined at this stage.

PART 4: FIRE SPREAD AND BEHAVIOUR

Weather Factors At the time of the Port Hills fires the underlying fire danger due primarily to very low monthly rainfall was very high. As recorded by the Christchurch Airport weather station, February received only 20mm of rain, less than half of the historical average. In the 30 days prior to the fires only 20mm of rain had fallen with less than 3mm falling in the 20 days prior to the fires. Grass curing varied across the Port hills however was considered to be 80% and above and 100% in many places.

Averaging the indices/codes from three representative local weather stations, namely Bottle Lake, Christchurch Aero and Motukarara, which are all within a 20km radius of the Port Hills, paints the following Fire Weather picture on the day the fires started, Monday the 13th of February 2017:

Fine Fuel Moisture Code. (FFMC)	87	Duff Moisture Code. (DMC)	65
Drought Code. (DC)	555	Build Up Index. (BUI)	100

Due to the multiple weather stations available within the general Christchurch vicinity, data from multiple stations has been included below for indicative conditions around the time of ignition. (NB No certification has been sought as to the accuracy of these stations) There were no fire ground readings taken at the fire ground by responders near or during the time of ignition.

Time	Station	Temp	RH	Wind S	Wind D
5:30 PM	Burkes Bush	21.4 °C	37%	4.3 kph	SW
5:31 PM	Lincoln. ICANTERB322	23.8 °C	25%	14.8 kph	NW
5:31 PM	Lincoln. ILINCOLN50	24.7 °C	35%	8 kph	NNW
5:31 PM	TaiTapu. ICANTERB317	23.7 °C	33%	14.3 kph	NNW
5:32 PM	Lincoln. ICANTERB24	24.9 °C	25%	18.3 kph	NW
5:33 PM	Lincoln. ICANTERB159	23.7 °C	32%	16.3 kph	N
5:35 PM	Burkes Bush	21.4 °C	36%	16.6 kph	SSW
5:36 PM	Lincoln. ICANTERB322	23.9 °C	25%	23 kph	N
5:36 PM	TaiTapu. ICANTERB317	23.7 °C	33%	16.3 kph	N
5:37 PM	Lincoln. ICANTERB24	24.8 °C	24%	15.8 kph	NNW
5:38 PM	Lincoln. ICANTERB159	23.7 °C	33%	7.9 kph	N
5:40 PM	Burkes Bush	21.4 °C	37%	18.3 kph	NW
	Average over all stations over 10 minutes	24	31	15	

Added to this is a local resident pilots weather station located at 193 Old Tai Tapu Road, approximately 680m to the NW of the area or origin.

5:40 PM	193 Old Tai Tapu	23.5 °C	35%	3.2 to 19.3km/hr	N
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Given the above weather readings we have used the following range for our fire behavior calculations. An upper and a lower level has been assumed.

17:30 to 17:40	Temp C	RH %	Wind km/hr	Wind Dir
Upper level	25	25	20	NW
Lower level	22	35	10	NW

From the above average indices gained from multiple weather station and then using the average of the weather readings for the site of ignition we get an approximate hourly adjusted set of Fire Weather Indices as follows.

FFMC	DMC	DC	ISI	BUI	FWI
88	65	555	7	100	23

The Fine Fuel Moisture Code (FFMC) wasn't relatively high due to a hint of rain (0.2mm) and a good RH recovery (97% to 100%) the night before.

How the above readings and indices relate to the potential fire cause hypotheses are as follows.

- 1. An electrical event causing molten tin splatter (fuse components) to fall to the ground thus igniting the duff layer and/or fine fuels-**

The FFMC and relative humidity at the time of ignition were not overly conducive to an ignition by small molten tin particles at or below 231.9 degrees C, (refer to I J Alexander electrical engineer report, Appendix 8) however this could not be ruled out.

- 2. Cigarette or other similar minor heat source or spark type ignition in the duff layer and/or fine fuels. -**

The FFMC at the time of ignition was not particularly high and consequently would not have been overly conducive to an ignition by a cigarette or other minor heat source. The Wildfire Origin and Cause handbook states that to get an ignition by cigarettes or other smoking related accoutrements, the RH needs to be under 22%. (The closest weather station was reading 35% around the time of ignition.)

The distance from the road to the Specific Origin Area is around 9m, we believe it is possible although difficult given the wind conditions (blowing from the road towards the origin) for a cigarette to be flicked that distance. No evidence of cigarettes was found in the Specific Origin Area.

- 3. The fire was deliberately lit.-**

The weather around the time of ignition would have made it relatively easy for a fire to be started with some form of sustained heat source such as a lighter or other similar device.

Fuel Factors

The fuel in and around the area of origin was 80% to 100% cured ungrazed grass and scattered sprayed standing gorse around 1.8 m high. These fuels are easily ignited.

How the fuel factors relate to the potential fire cause hypotheses are as follows;

1. An electrical event causing molten tin splatter (fuse components) to fall to the ground thus igniting the duff layer and/or fine fuels-

Research places the average ignition temperature of vegetation fuels at about 260-315° C. The lowest temperature at which it is possible to ignite vegetation fuels under ideal conditions is 232° C. (*Wildfire Cause and Origin Determination Handbook 2014. William Pitts 2007. Babraukas 2003*) Given the maximum temperature of the molten tin potentially ejected from the fuse casing was likely to be around the melting point of tin (**Sn**), 231.9° C (I J Alexander electrical engineer report) and given these small molten droplets would have started to cool as they fell to the ground, it is unlikely that the molten tin can be considered as a competent ignition source.

2. Cigarette or other similar minor heat source or spark type ignition in the duff layer and/or fine fuels.-

The 80% to 100% cured grass, scattered sprayed gorse and subsequent duff layers would have formed a physical fuel bed reasonably conducive to an ignition of this type. However, given the FFMC and humidity factors as explained in the 'Weather Factors' section above, the fuel itself would have been difficult to ignite with these ignition types.

3. The fire was deliberately lit.-

The presentation and type of fuel in the Specific Origin Area would have ignited easily with some form of sustained heat source such as a lighter or other similar device.

Topographical Factors

The Specific Origin Area (SOA) is above the road on a north facing uphill 12 deg slope. (Av slope). A north facing aspect is considered to be warmer and dryer than other aspects as such it would have been more conducive to any form of ignition than other aspects.

This slope factor had a significant effect on the initial fire runs by multiplying the forward rate of spread by a factor of 1.8, thus almost doubling the rate of spread compared to flat ground.

Burn and Char Patterns

As described and photographed in the external and internal examinations.

Fire Behaviour

Predominant fuels include 80% to 100% cured ungrazed standing grass around 0.4m high and sprayed standing gorse around 1.8 m high. Rates of spread based on both the upper and lower weather levels identified are as follows.

- **Lower level- Ungrazed grass** at 0.4m high, 80% cured, wind of 10km/hr, temp 22, RH 35% and 12 deg slope- F-ROS is calculated at 800m/hr (13m/min) with flame length of 3m. Fuel load is around 7 t/ha and HFI is 2700kw/m. B-ROS is calculated at 37m/hr (0.6m/min)
- **Upper level- Ungrazed grass** at 0.4m high, 80% cured, wind of 20km/hr, temp 25, RH 25% and 12 deg slope- F-ROS is calculated at 1700m/hr (28m/min) with flame length of 4m. Fuel load is around 7 t/ha and HFI is 5700kw/m. B-ROS is calculated at 16m/hr (0.3m/min)
- **Lower level- Gorse** at 1.8m high, wind of 10km/hr, temp 22, RH 35% and 12 deg slope- F-ROS is calculated at 2300m/hr (38m/min) with flame length of 10m. Fuel load is around 34 t/ha and HFI is 38000kw/m. B-ROS is calculated at 152m/hr (2.5m/min)
- **Upper level- Gorse** at 1.8m high, wind of 20km/hr, temp 25, RH 25% and 12 deg slope- F-ROS is calculated at 4000m/hr (66m/min) with flame length of 13m. Fuel load is around 34 t/ha and HFI is 65000kw/m. B-ROS is calculated at 76m/hr (1.3m/min)

Using the above figures and comparing them to the series of photographs taken from ■ Watlings Place, we have come to the conclusion that the fires Forward Rate of Spread (F-ROS) was around 30m/min. (Also see, *Port Hills Fire Development Chronology 2017(Final Draft. J Cowan)*)

The above rate of spread calculations can be used to help determine the estimated time of ignition based on where the fire was at known times derived from photos and videos.

The earliest visual recording of smoke or fire is at 17:42. (CCTV footage, Halswell Junction looking SE. Time stamp verified, see Timeline appendix 3) **NB- given that this CCTV footage was taken from around 7km away and at a reasonably low angle, it is likely that smoke was present some minutes before this time and was only visible once it had reached a certain height above the ground/trees and a density sufficient to be observed from 7 km distance.**

The earliest photo showing an easily referenced location of the fire was at 17:44 taken from ■ Watlings Place showing the fire had progressed around 130m up the slope and was travelling at around 30m/min. (*Port Hills Fire Development Chronology 2017. J Cowan. Appendix 9*) (Photo log, Photo DCSN0100)
If we use this photo as a reference point and use the equilibrium Forward Rate of Spread (FROS) of around 30m/min and work backwards, we get a rough time of ignition around 17:39, 4 to 5 minutes before the photo was taken.

We also know that it takes time for a fire to reach its equilibrium Rate of Spread (ROS) and that there is an acceleration period from the time of ignition until the fire reaches its equilibrium ROS. Studies have shown that this phase can take more than 45 minutes in grass fuels. (*Chandler et al. 1983. Van Wagner 1985. Cheney and Gould 1995.*) Clarifying how long this acceleration period takes is extremely difficult if not impossible to determine. We can however say that from

the time of ignition until the fire started its run up wind and up slope, there will have been a period whilst the fire was in the incipient or developing stage when it would have had a very low ROS.

From the ROS figures above and the knowledge of this developing, low acceleration stage we can conclude that the ignition time was likely to have been some minutes before 17:39.

The relevance of this timing is one of the critical factors in testing hypothesis 1, "An electrical event causing molten tin splatter (fuse components) to fall to the ground thus igniting the duff layer and/or fine fuels"

If the fire started before the 'over current event' first noted at 17:39:56 (refer to I J Alexander electrical engineer report) then it is most unlikely that the fire was started by the electrical event and conversely the electrical event is most likely been caused by the fire. (By means of an arcing/flashover event caused by the gases and smoke becoming a conductor. *Frost et al, Mphale and Heron 2007.*)

**Witness
Statements/
Observations**

See Witness Identification Log Appendix 10 for personal contact details.

The main witness interviews/statements were obtained by the New Zealand Police, Roy Hoogenradd and Ken Legat on behalf of the investigation team. We have dozens of statements and hundreds of photos that were offered up by members of the public and/or were obtained via interviews. Copies of these have not been included in this report and are kept on file.

Having reviewed all the witness statements, we have found that apart from photos, videos and their timestamps, there is little of significant relevance to be included in this investigation report.

The witnesses are all credible and the statements all include approximate times that people saw the fire and the approximate area in which it started however no conclusive facts other than what we know from photos and videos, were identified that are overly significant to the origin and cause of the fire. There is limited corroborated evidence by the witnesses to any factual event or specific time.

We have however included a summary of some points that may be considered of interest and the source of the relevant photos and videos.

Witness 1- 1743. First caller to 111. Saw fire in its early stage, noticed the fire as a bit of a “flash that appeared in the corner of my eye”. This witness thought the fire may have started with a bit of a flash, maybe like fuel igniting. This witness also took photos on his phone starting at 1746. (Photo log, photos 2746 and 2748)

Witness 2- 1746. Second caller to 111. This witness saw a plume of smoke, grabbed some sacks and then called 111 whilst being driven to the scene with 3 associates . Thought the backing fire was between the road and the fence, but hadn’t reached the road edge yet. The head was 10m or so up the hill and heading up under the powerlines that run up the hill. Thought it had started around about at the fence level.

Witness 3- Video.

This video shows the location and fire behavior of the fire at this time. Several still photos taken from this footage are included in the photo log. (Photo log, Photos, .)

Witness 4- This witness heard a loud bang whilst in the presence of another person. Thought it may have been “a gas bottle exploding” or “two empty rubbish bins somehow being banged together”. Also noted that the power went out around the same time or after the bang but couldn’t confirm the time other than it was around 1730. Thought the fire started about “5-6 minutes” after the bang.

Witness 5- This witness lit a back burn around the western flank of the fire to stop it moving in that direction. Confirmed he still had power around 1735-1740, couldn’t confirm exactly when it went out.

Witness 6- This witness thought he saw a bit of a flash and the fire starting around 1737, he has a phone record of ringing his wife at 1742 to tell her of the fire (police

statement) and the same call recorded as 1746 in a statement with Orion's investigation team. (unable to confirm the exact time without further investigation)

Conclusions- Having discussed the witness observations of a flash and a bang with Ian Alexander the electrical engineer, he confirmed that the **second** stronger overcurrent event (flashover all 3 phases at 17:47:14) described in his report under section 6.5.3, would most likely have caused a flash and a bang and the first overcurrent may also have caused a minor flash.

Electrical Report
I J Alexander,
Electrical
engineer.

Due the complexity of this event an Electrical Engineer was engaged to help the determine whether an electrical event was responsible for this fire.

Summary of Key Findings and how they relate to this investigation

1. That the conductors and associated fuse/holders were well maintained and in good condition.
 - This is significant because we can conclude that the overcurrent event was unlikely to have been caused by a maintenance fault and that the fuses are likely to be in good condition.
2. That the composition of AB Chance Type T 11Kv fuse is Tin (Sn)
 - This is significant because the melting point of Tin is very low at 231.9 degrees C. (see next point)
3. The maximum temperature of the molten Tin that potentially ejected from the fuse casing was likely to be around the melting point of 231.9 degrees
 - This is significant because as stated in Part 4 of this report under Fuel factors, it is highly unlikely that small particles of molten Tin at this temperature could cause a fire in these fuels. (The reason that the molten Tin is unlikely to be above its melting point is because as the Tin melts and loses its tensile strength, the under-tension fuse is designed to rupture with this loss of tensile strength, i.e. as soon as the Tin reached its melting point the fuse ruptures thus stopping the actions that are causing the Tin to heat up.)
4. The amount of Tin potentially ejected from the fuse would have been minimal due to the small aperture in the fuse tube.
 - This supports point 3 above, because not only do we have a metal of very low temperature, now we have the potential for a very small amount of this metal.
5. It is unlikely that the overcurrent event was caused by a blue phase to white phase conductor clash up valley from pole AX728
 - This is significant because if the wires (conductors) clashed together from a wind event or other mechanical means, the overcurrent event would have been much stronger. (this overcurrent event was 650 amps and a clash would have produced over 1000 amps) This means it is likely that the overcurrent event was caused by a minor event such as a smoke and fire induced arc. (see next point)
6. That the likely cause of the first overcurrent event is due to flames and or ionized gases becoming a conductor and causing an arc.
 - This point is critical as it relies on the fire being lit prior to the electrical event and thus rules out the possible electric cause hypothesis.
7. That no electrical cause of this fire was determined.

In conclusion the I J Alexander Electrical Engineers report, finds that the fire was not an electrical cause and conversely the electrical event has most likely been caused by the fire.

PART 5: VISUAL AND PHYSICAL EVIDENCE

Visual Images

Photos and videos were taken by this investigation team, the NZ Police and members of the public. Photos were taken from the ground and aerially using helicopters and drones. All photos and videos are stored in Fire and Emergency New Zealand's database. A sample of the more relevant photos are attached in the photo log-Appendix 4.

Physical Site Evidence

Exhibits held by the police.

- The Blue, Yellow and Red phase fuse holders and fuse remains.
- Unidentified items found in the Specific Origin Area by the investigation team, given to the police for security and identification in the result that arson was suspected. (No results have been sought at this time)

Exhibits held by Orion Energy.

- Poles AX728 AX727 and the 11kv conductors that ran up Burkes Spur from pole number AX814. These were stored in a secure container firstly at Connetics yard in Chapmans Road, then to Orion Yard.

Some questions have been raised as to the chain of evidence and the identification of some of the fuses and their origins. See I J Alexander Electrical Engineer report.

PART 6: ORIGIN AND CAUSE

Determination of the Specific Origin Area.	Witness statements, photos, videos and burn and char patterns all lead us back to a Specific Origin Area of origin within 3m of waypoint 1566060E, 5170559N. This area can be described as '9 m above the Early Valley Road about 2m to the south west of pole AX728 on the road side of the fence.
Elimination/ explanation of possible causes	<p>Causes that were eliminated or identified:</p> <ol style="list-style-type: none"> 1. Electrical cause- Given the following, it is unlikely that this fire was caused by an electrical event: <ul style="list-style-type: none"> • the conclusion of the electrical report (Not an electrical cause), • the good condition of the line network, • the fire behavior calculations indicating the fire started prior to the first overcurrent event and subsequent fuse blows and, • the temperature required for ignition in relation to the likely temperature of molten tin. 2. Refraction/magnification – No Glass bottles or reflective items were present in the Specific Origin Area (SOA). 3. Lightning - No lightning was detected by Metservice in this location around or before the time of ignition. 4. Incendiary devices- No evidence of an incendiary device or fireworks were found in the SOA. 5. Accelerants- No evidence of accelerants was found in the SOA. 6. Cigarettes- No cigarette remains; matches or other sources of open flame were found in the SOA. Given the relatively low FFMC and moderate/low RH any cigarette or spark type ignitions are unlikely. 7. Spontaneous combustion- No evidence of spontaneous combustion was found in the SOA. 8. Possum or other wildlife arc/strike event- Possum guard was present on pole AX728 and no sign of recently dead or injured birds or other wildlife were present in the SOA. (All poles in the line network were checked for signs of wildlife interference after a couple of poles were found without possum guards however, no signs of a wildlife arc/strike event were found) 9. Miscellaneous causes- No evidence of any other ignition source or activities including burn offs/rubbish fires. 10. Electric fence- Some electrical fence tape was found further up Early Valley Road but was not connected to any power source and no evidence was found to suggest it had blown up onto the power wires. 11. Children- No recent evidence that children have played or frequented the area were found in the SOA. 12. Incendiary/Arson- Although no evidence of arson was identified in the SOA, arson by its very nature is often hard to identify. Given the occurrence of other suspicious fires within the area including the Marley's Hill fire and given the lack of any other probable cause, this cannot be eliminated and should be considered further.

Cause or most likely cause of fire

Given the evidence available and identified as part of this investigation it is our conclusion that:

As no cause was determined, this fire must be categorized as 'undetermined'. It is however probable that it was deliberately lit. This conclusion has come about due to;

- the lack of any ignition source or probable cause other than being deliberately lit,
- the identification of several incendiary fires within the Halswell area in the month before this blaze and, (Appendix 6, Incendiary Fires Report)
- the occurrence of the suspicious Marley Hill Fire less than 1.5 hours after this fire.

We acknowledge that a lack of evidence is not evidence enough to categorize this fire as 'incendiary' and as such our determination must stay as undetermined until/or if new evidence is found. (NFPA 19.6.5.1)

Conclusions

There is belief or suspicion among many that this fire was started by an electrical event, namely the rupture of a fuse and the fire starting as a result of molten metal falling to the ground. After careful consideration we do not believe this is the case and that the fire was most likely deliberately lit.

If the fire had been caused by an electrical event, all the evidence would have pointed to the fire starting at or after 1739:57, and there would have been evidence of an event such as a conductor clash caused by high winds or other mechanical means.

Looking at the evidence identified as part of this investigation, not only did we not see evidence of these factors, but we also found evidence that if indeed any fuse components did disperse, they would have been minimal and not likely hot enough to start a fire.

The next hypothesis was that the fire could have been started by a cigarette or other similar spark related event. Given that the humidity is likely to have been above 30% and almost certainly not below 22%, (the threshold for cigarette ignitions) and the moisture level in the fuels wasn't super low due to the trace amount of rain and the good relative humidity recovery overnight (another factor required by cigarette and other spark type ignitions) and the fire starting some 9m above the road, an ignition of this type does not stack up.

Overlaying the above evidence (available to these investigators) with a lack of any obvious ignition source (typical with arson fires) and the occurrence of the suspicious Marley's Hill fire a short time later, we are left with our expert opinion, that this fire was most likely to have been started by human hands.

Determining a cause by excluding all other causes without actual evidence of the cause, '*negative corpus*', is not consistent with the scientific method used in fire investigation. (NFPA 921 19.6.5)

Thus, without finding evidence of this probable arson, we must categorise this fire as 'undetermined'.

Recommendations That Police consider continuing the investigation into the cause of this fire as its probable to have been deliberately lit and as such the statutory responsibility for the investigation would lie with the police.

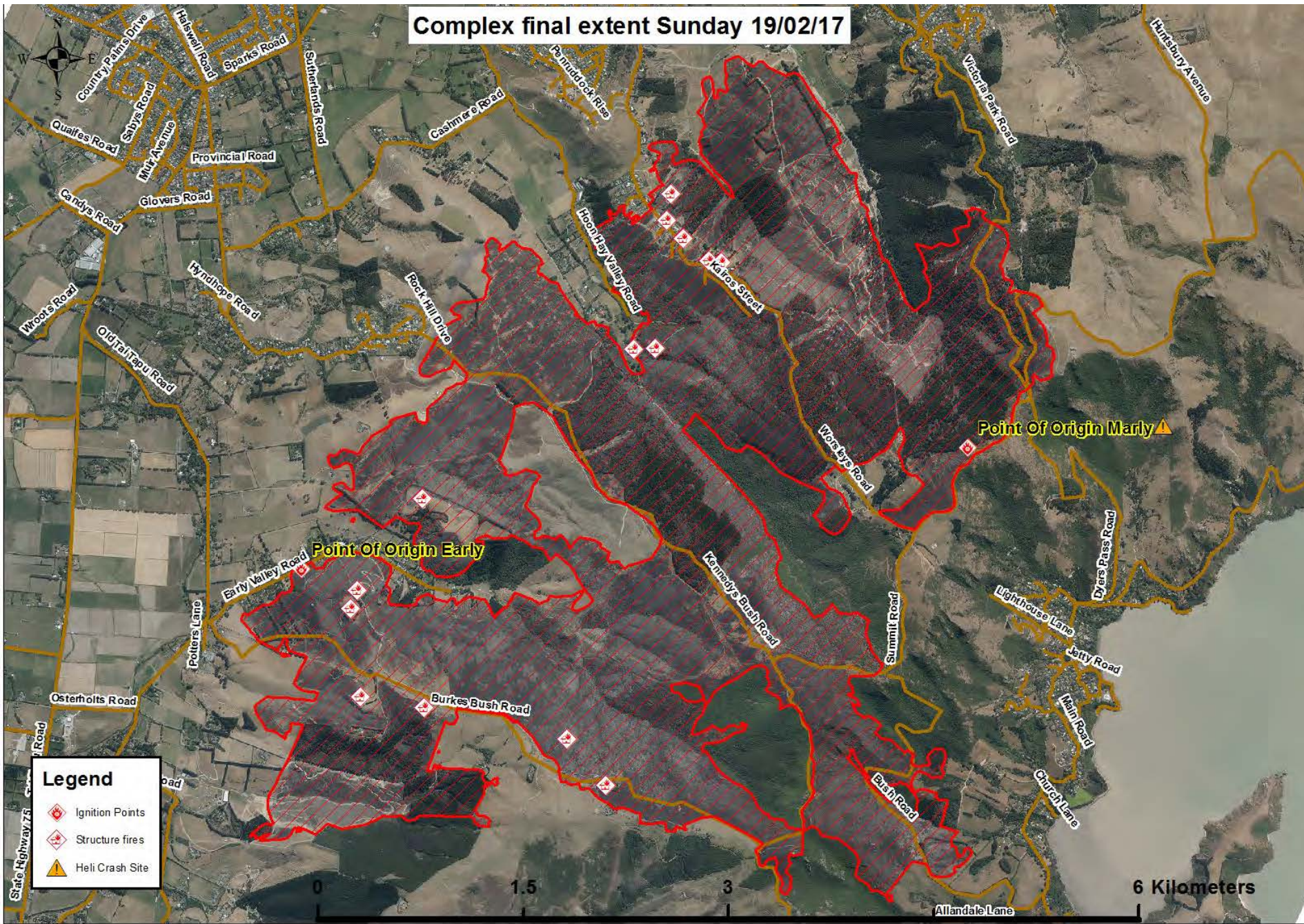
Investigation and report completed by:

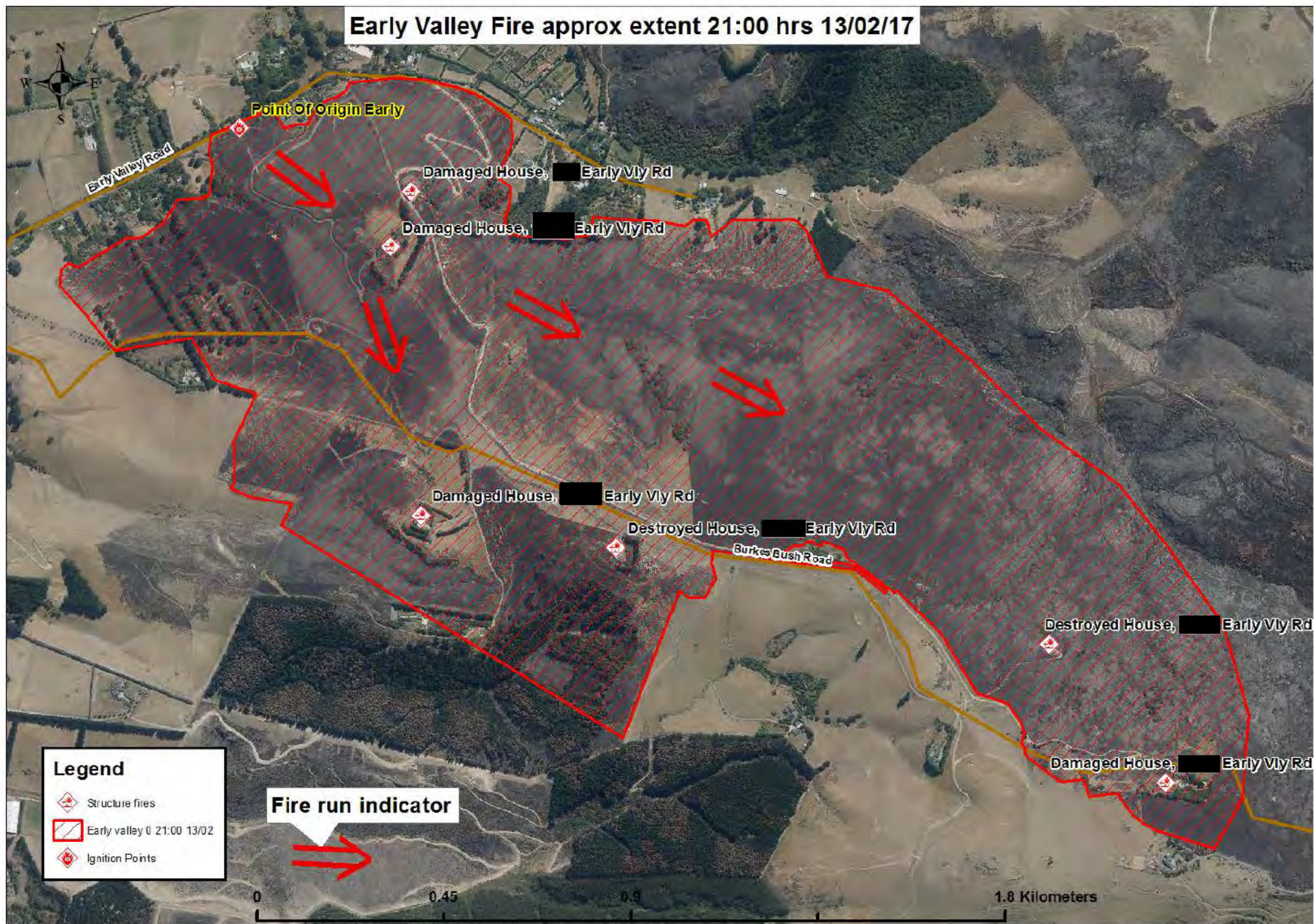
Name

Lead Investigator- Graeme Still
Principal Rural Fire Officer
Otago District
Region 5
Fire and Emergency New Zealand
Phone [REDACTED]

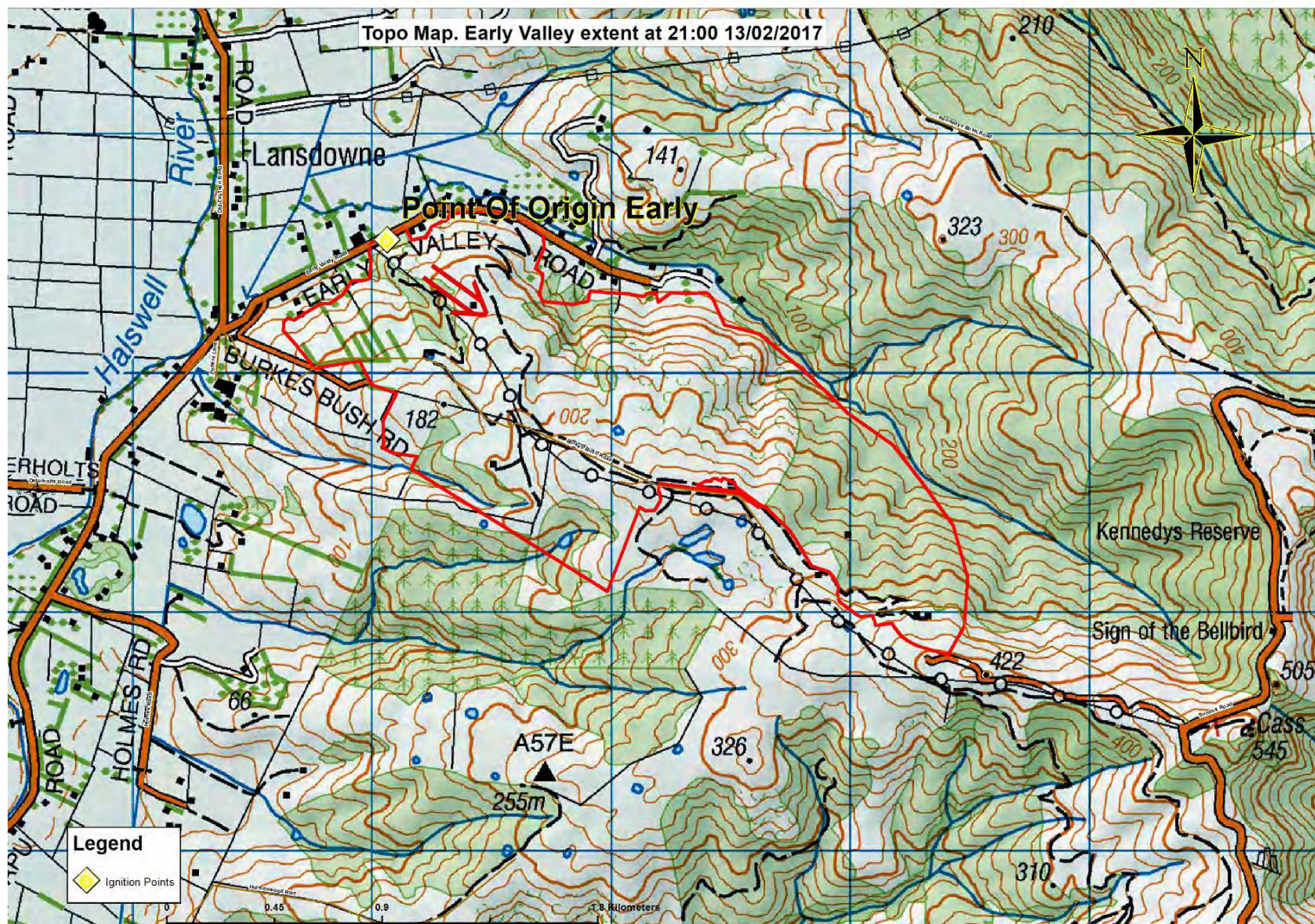
Supporting Investigator- Jamie Cowan
Wildfire Management Specialist/Wildfire Investigator
Wildfire Management NZ.
Phone [REDACTED]

Appendix 1 MAPS. Overview Map

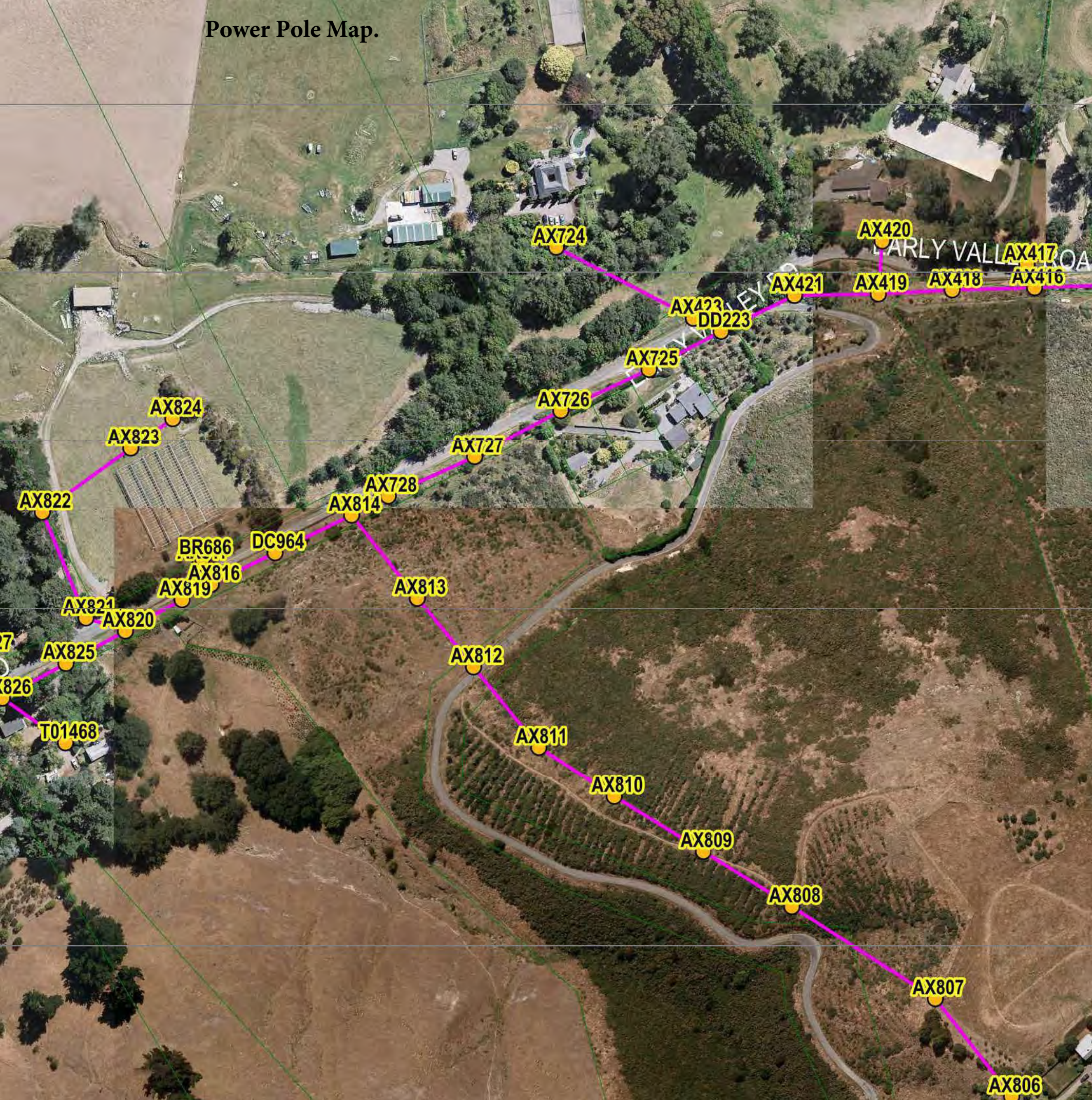




Early Valley Topographical Map



Power Pole Map.



Appendix 2 Fire Weather

NRFA Regional Daily Observed Summary Table for Canterbury																	
Canterbury																	
Canterbury																	
Monday, 13 February 2017																	
STATION NAME	FOREST	SCRUB	GRASS	FFMC	DMC	DC	ISI	BUI	FWI	TEMP	RH	DIR	WSP	RN24	GC%	STAT	
Hanmer	L	V	M	69	21	292	1.6	36	3.9	20.5	52	291	19	7.0	85	Aut	
Balmoral	E	E	V	87	52	549	11.9	84	32.6	21.5	43	303	30	1.2	95	Aut	
Lees Valley	M	V	M	74	32	253	1.6	49	4.7	17.5	46	001	15	3.2	65	Aut	
Ashley	H	E	H	87	43	310	6.9	64	19.4	19.2	65	191	18	0.4	80	Aut	
Oxford	H	E	H	86	56	393	5.5	83	18.8	16.2	68	195	15	0.2	70	Aut	
Gleaaan Station	L	V	M	61	16	154	1.7	25	3.1	16.8	59	261	27	14.0	60	Aut	
Snowdon	L	L	L	45	16	222	0.1	27	0.1	12.8	80	-	10	7.5	50	Sub	
Bottle Lake	H	E	M	87	68	704	4.4	109	18.5	18.6	63	217	9	0.0	75	Aut	
Forest Plains	M	E	H	84	52	400	3.5	78	12.9	15.7	77	189	12	0.6	90	Aut	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch Aero	E	E	H	87	70	500	10.1	104	32.3	17.5	64	200	26	0.0	75	Aut	
Hakatere	M	E	M	73	35	327	4.5	55	13.0	17.5	44	333	37	7.4	70	Aut	
Burnham	M	E	M	85	57	477	4.0	88	15.3	15.5	74	171	12	0.4	80	Aut	
Mount Somers	L	L	L	48	10	145	0.2	18	0.2	12.3	82	032	11	5.6	40	Aut	
Motukarara	H	E	H	86	58	462	5.7	88	20.1	14.1	70	170	17	0.2	70	Aut	

Private Weather Station. 193 Old Tai Tapu Road approximately 680m to the NW of the Specific Origin Area

Time	Temperature	Dew Point	Humidity	Wind	Speed	Gust	Pressure	Precip. Rate	Precip. Accum.	Solar
3:30 PM	21.1 °C	12.5 °C	58 %	SW	1.6 kph	6.4 kph	985.7 hPa	0 mm	0.3 mm	793 w/m²
3:40 PM	21.4 °C	12.2 °C	56 %	SW	1.6 kph	6.4 kph	985.7 hPa	0 mm	0.3 mm	171 w/m²
3:50 PM	21.6 °C	12.9 °C	58 %	North	0 kph	1.6 kph	986 hPa	0 mm	0.3 mm	134 w/m²
4:00 PM	21.2 °C	13.1 °C	60 %	North	0 kph	4.8 kph	985.7 hPa	0 mm	0.3 mm	250 w/m²
4:10 PM	21.6 °C	12.7 °C	57 %	North	0 kph	3.2 kph	985.7 hPa	0 mm	0.3 mm	919 w/m²
4:20 PM	22.5 °C	11.9 °C	51 %	North	0 kph	4.8 kph	985.3 hPa	0 mm	0.3 mm	199 w/m²
4:30 PM	22.7 °C	12.6 °C	53 %	ENE	6.4 kph	19.3 kph	985.3 hPa	0 mm	0.3 mm	149 w/m²
4:40 PM	23.1 °C	13.3 °C	54 %	East	4.8 kph	12.9 kph	985.3 hPa	0 mm	0.3 mm	694 w/m²
4:50 PM	23.3 °C	13.2 °C	53 %	ENE	3.2 kph	22.5 kph	985.7 hPa	0 mm	0.3 mm	694 w/m²
5:00 PM	23.2 °C	8.8 °C	40 %	North	3.2 kph	16.1 kph	985.7 hPa	0 mm	0.3 mm	631 w/m²
5:10 PM	24.1 °C	8.5 °C	37 %	WSW	1.6 kph	12.9 kph	985.7 hPa	0 mm	0.3 mm	72 w/m²
5:20 PM	23.7 °C	7.8 °C	36 %	WSW	3.2 kph	19.3 kph	985.7 hPa	0 mm	0.3 mm	815 w/m²
5:30 PM	24.2 °C	7.7 °C	35 %	WSW	1.6 kph	11.3 kph	986 hPa	0 mm	0.3 mm	554 w/m²
5:40 PM	23.5 °C	7.1 °C	35 %	North	3.2 kph	19.3 kph	986 hPa	0 mm	0.3 mm	513 w/m²
5:50 PM	23.4 °C	7.1 °C	35 %	North	3.2 kph	16.1 kph	986.3 hPa	0 mm	0.3 mm	482 w/m²
6:00 PM	23.7 °C	7.7 °C	36 %	WSW	1.6 kph	12.9 kph	986.3 hPa	0 mm	0.3 mm	457 w/m²

Appendix 3 Timeline



17:42 First proof of smoke. CCTV



17:44 Photo, Watling PI (Fire 130m uphill)

**17:30 To 17:39
Ignition time
estimation**

**17:39:56
First overcurrent
event**

**17:43
First
111 call**

**17:47:14
Second
overcurrent event**

Photo DCSN0100 Watlings PI – Fire location reference photo taken at 17:44

Still photo from CCTV footage at Halswell junction around 7km from the fire, showing smoke just visible at 17:42

Screen shot showing location of CCTV camera in relation to fire site

Photo DJI0063 – Early Valley Fire overview and initial and secondary runs.

Photo DJI0063 (zoom) – Early Valley Fire origin areas.

Photo IMG0037– Witness 1 phone log of first 111 call at 17:43

Photo 2746 Witness 1 – Fire location reference photo taken at 17:46

Photo 2748 Witness 1 – Fire location reference photo taken at 17:48

IMG OMG9 – Fire location reference image of Pole AX728 taken from OMG video at 17:51 (note fuse has ruptured)

IMG OMG10 – Fire location reference image of Pole AX728 taken from OMG video at 17:51, showing Specific Origin Area.

IMG OMG11 – Fire location reference image of Pole AX728 taken from OMG video at 17:51.

IMG OMG12 – Fire location reference image just past Pole AX728 taken from OMG video at 17:51.

IMG OMG13 – Fire location reference image 30m past Pole AX728 taken from OMG video at 17:51.

IMG OMG14 – Fire location reference image 40m past Pole AX728 taken from OMG video at 17:51, shows fuel type and fire behaviour on the left flank.

IMG OMGA1 – Fire location reference image 2A of Pole AX728 taken from OMG video at 17:54

IMG OMGA2 – Fire location reference image 1A of Pole AX728 taken from OMG video at 17:54

Photo 3419– Lateral fire spread indicators to the right of pole AX728

Photo 7585– Backing fire spread indicators to the right and slightly above pole AX728

Photo 7601– Looking back down the right flank towards pole AX728

Photo 9426– Lateral fire direction indicators looking back down the left flank towards pole AX728

Photo 3453– Looking up the wind driven initial run flagging on the left flank.

Photo 9758– Investigation team working the Specific Origin Area.

Photo 2130031–Pole AX728, shows ruptured fuse. Note appendages hanging from fuse carrier and remains of fuse tube (orange) held in earth clamp

Photo 9779– Specific Origin Area, flagged. (Note pole AX728 had been replaced)

Photo DCSN0100 Watlings PI – Fire location reference photo taken at 17:44



Still photo from CCTV footage at Halswell junction around 7km from the fire, showing smoke just visible at 17:42



Screen shot showing location of CCTV camera in relation to fire site.

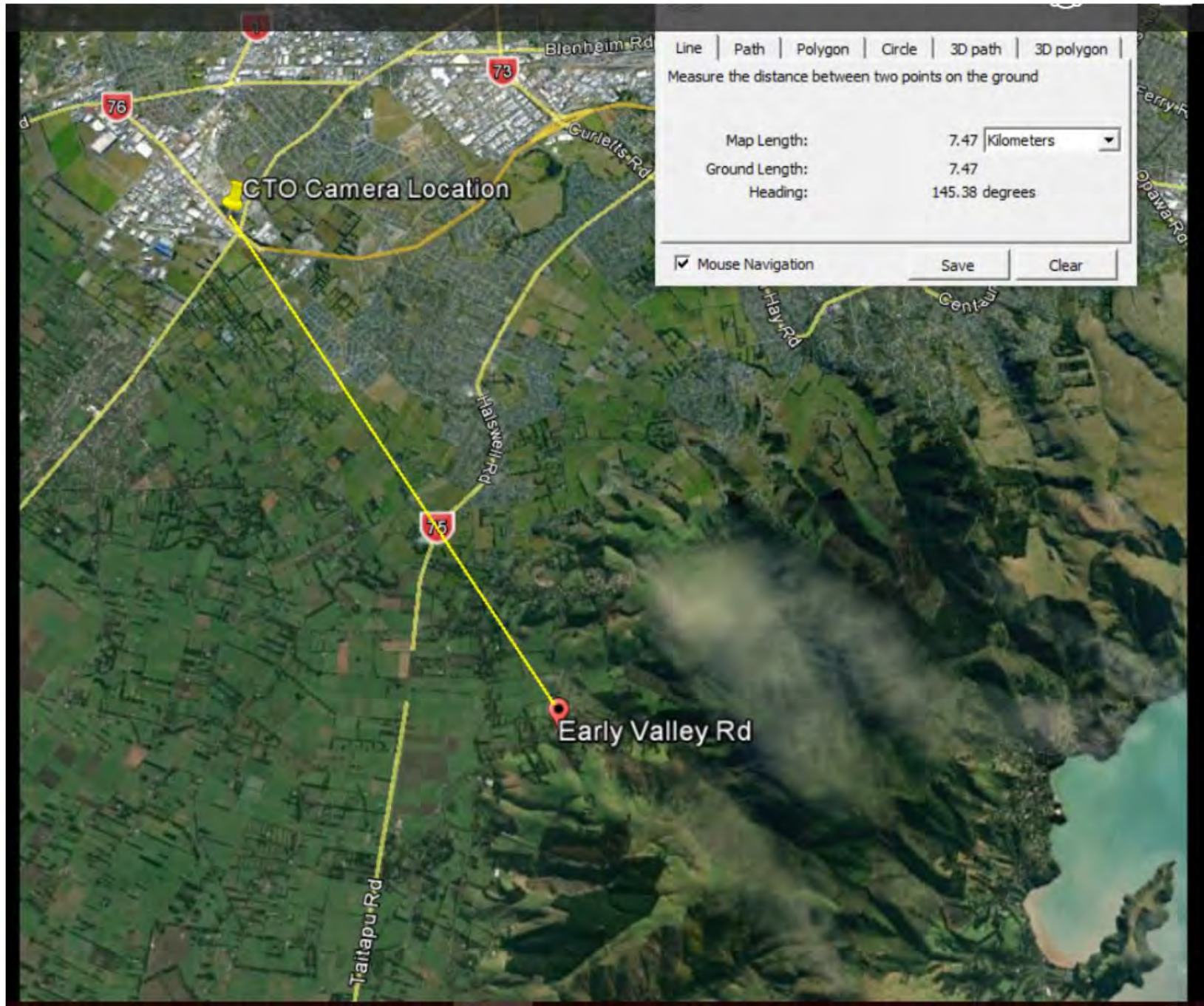


Photo DJI0063 – Early Valley Fire overview and initial and secondary runs.



NORTH

Fire direction indicators.

- Advancing
- Flanking
- Backing

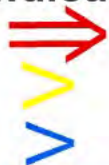


Photo DJI0063 (zoom) – Early Valley Fire origin areas.



General Origin Area

NORTH

Specific Origin Area

Photo IMG0037– Witness 1 phone log of first 111 call at 17:43

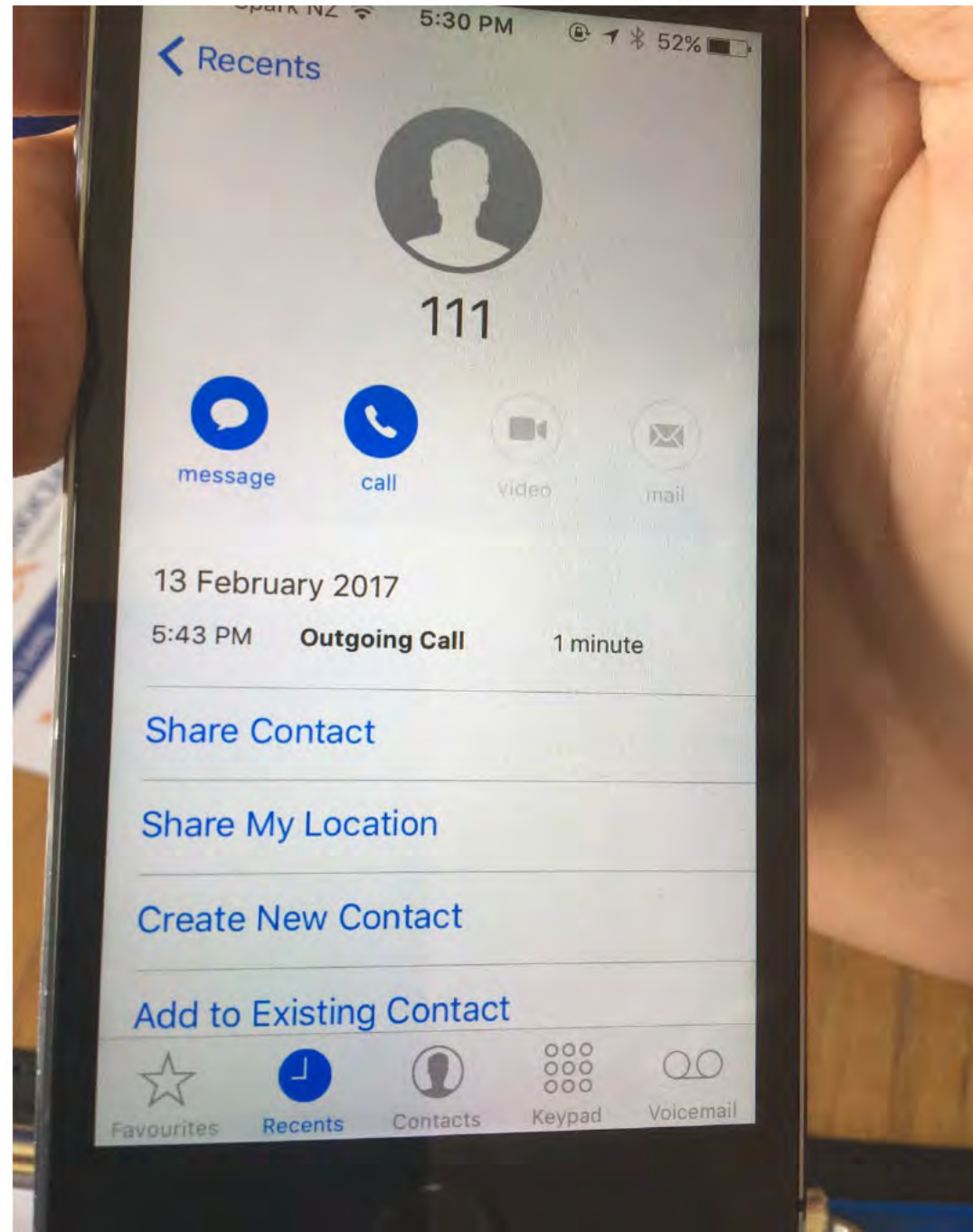


Photo 2746 Witness 1 – Fire location reference photo taken at 17:46



Photo 2748 Witness 1 – Fire location reference photo taken at 17:48



Area of Origin

IMG OMG9 – Fire location reference image of Pole AX728 taken from OMG video at 17:51 (note fuse has ruptured)



IMG OMG10 – Fire location reference image of Pole AX728 taken from OMG video at 17:51, showing Specific Origin Area.



**IMG OMG11 – Fire location reference image of Pole AX728 taken from
OMG video at 17:51.**



IMG OMG12 – Fire location reference image just past Pole AX728 taken from OMG video at 17:51.



IMG OMG13 – Fire location reference image 30m past Pole AX728 taken from OMG video at 17:51.



IMG OMG14 – Fire location reference image 40m past Pole AX728 taken from OMG video at 17:51, shows fuel type and fire behaviour on the left flank.



**IMG OMGA1 – Fire location reference image 2A of Pole AX728 taken from
OMG video at 17:54**



**IMG OMGA2 – Fire location reference image 1A of Pole AX728 taken from
OMG video at 17:54**



Photo 3419– Lateral fire spread indicators to the right of pole AX728



Fire direction indicators.

- Advancing



- Flanking



- Backing



Photo 7585– Backing fire spread indicators to the right and slightly above pole AX728

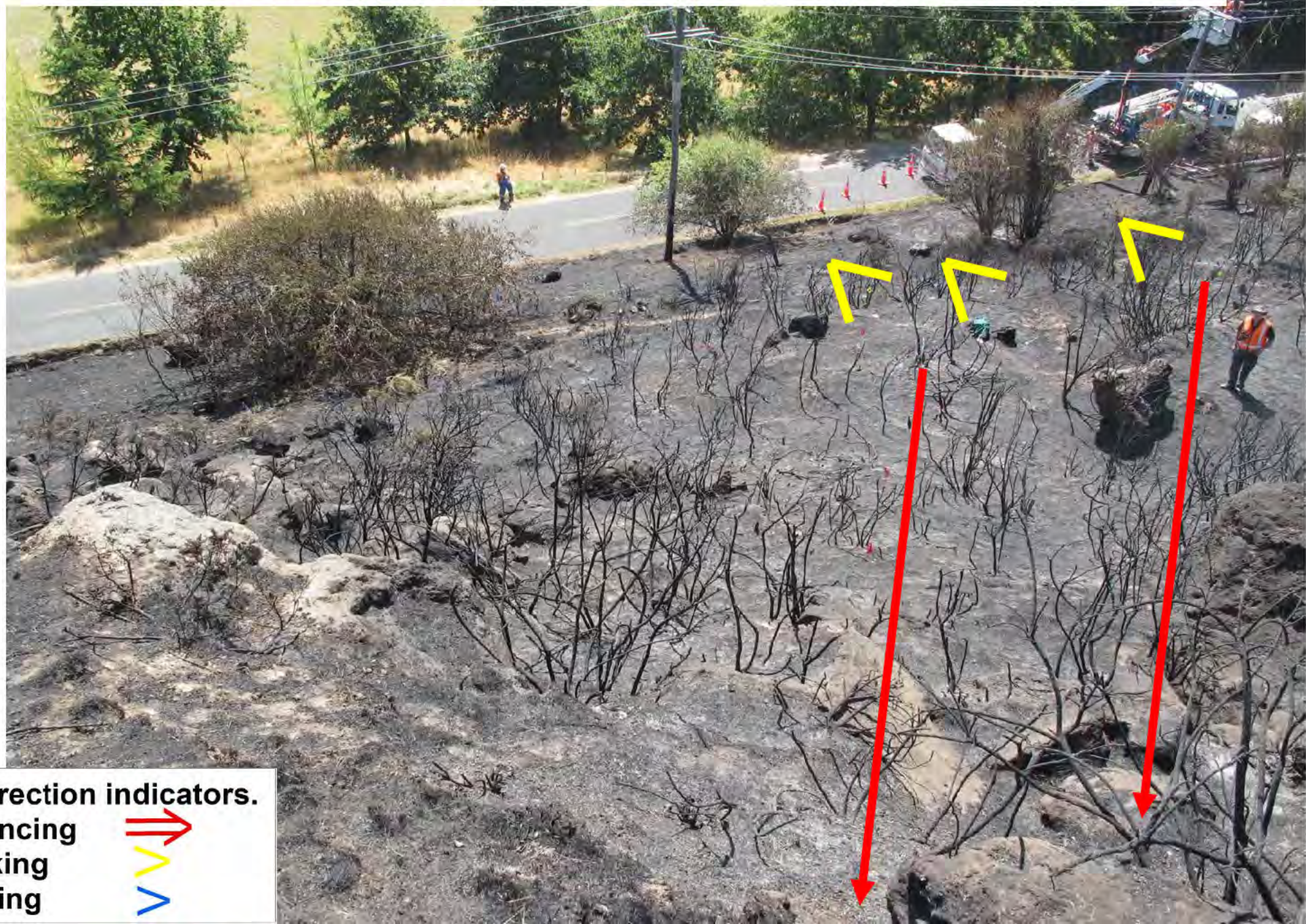


Fire direction indicators.

- Advancing
- Flanking
- Backing

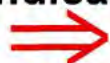


Photo 7601– Looking back down the right flank towards pole AX728



Fire direction indicators.

- Advancing



- Flanking



- Backing



Photo 9426– Lateral fire direction indicators looking back down the left flank towards pole AX728

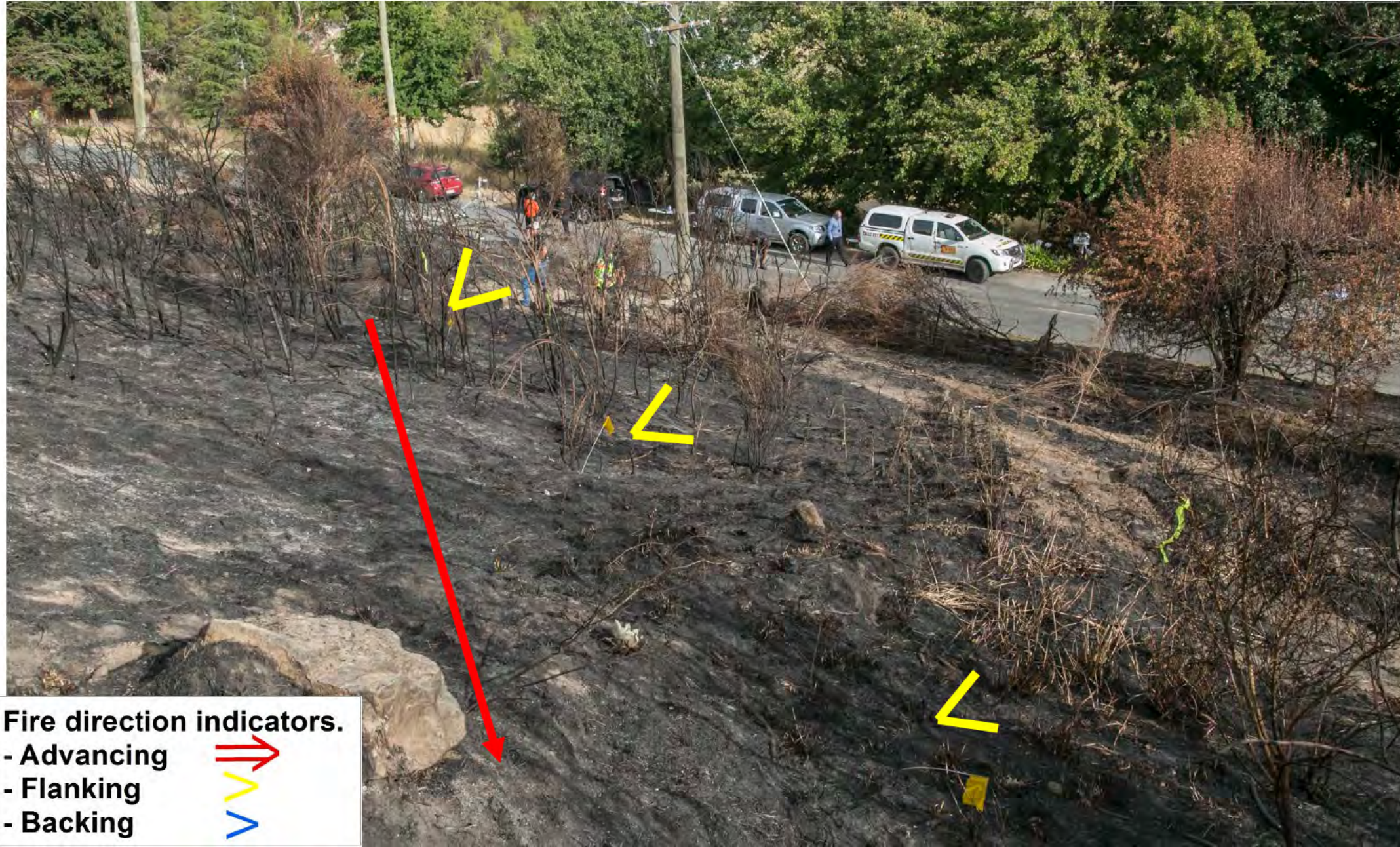


Photo 3453— Looking up the wind driven initial run flagging on the left flank.



Photo 9758– Investigation team working the Specific Origin Area.



Photo 9779– Specific Origin Area, flagged. (Note pole AX728 had been replaced)



Photo 2130031–Pole AX728, shows ruptured fuse. Note appendages hanging from fuse carrier and remains of fuse tube (orange) held in earth clamp



Appendix 5- ICAD Report

New Zealand Fire Service Incident Report

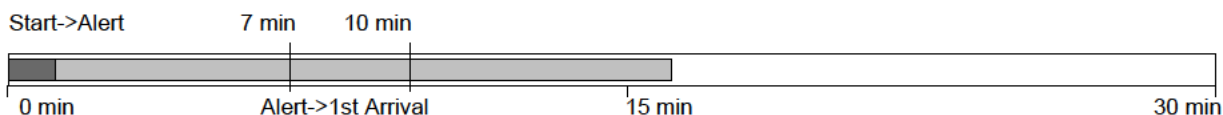
CADNumber F2245608 Start Date Time 13 February 2017 17:44:47

Incident Details

Type: VEG 1st Caller: COXCO HOLDINGS LIMITED
Method: 111
PFA:
Result: 1100: STRUCTURE FIRE (VEG)
Location: EARLY VALLEY RD, LANSDOWNE, SELWYN DISTRICT NZTM: E 1566562
N 5170669
Common Name:
Zone: 342217 Station: 3425 SOCKBURN
Incident Info: SCRUB FIRE

Incident History

		Elapsed Time (hh:mm:ss)
Created:	17:44:47 13 Feb 2017	
Confirmed:	17:45:37 13 Feb 2017	00:00:50
Alerted:	17:45:59 13 Feb 2017	00:01:12
1st Response:	17:47:45 13 Feb 2017	00:02:58
1st Arrival:	18:01:17 13 Feb 2017	00:16:30
2nd Arrival:	18:01:51 13 Feb 2017	00:17:04
3rd Arrival:	18:06:22 13 Feb 2017	00:21:35
Stop:		
Closed:	17:26:40 10 Mar 2017	59:41:53



Responses

Alarm Level	Call Sign	Dispatched Day	Dispatched Time	Response Time	Arrival Time	Departed Day	Departed Time
3	SOCK257	13	17:53:08	17:53:09	18:01:17	14	06:55:12
3	ADDI221	13	17:46:01	17:47:45	18:01:51	15	06:43:06
3	CHRI2111	13	17:45:59	17:49:13	18:06:22	14	07:50:30
3	LINC411	13	17:52:46	17:57:00	18:06:30	14	18:57:01
3	LINC4111	13	17:52:46	17:56:39	18:07:02	15	03:48:01
3	CANTERBRY1	14	03:52:21	17:56:34	18:08:03	14	07:46:55
3	ROLL4211	13	17:55:10	18:00:06	18:19:03	14	21:16:54

3	CHRI214	13	18:08:11	18:09:34	18:25:06	14	06:51:08
3	CHRI2118	13	18:08:11	18:09:39	18:27:30	14	07:15:27
3	CHRI217	13	18:08:11	18:09:48	18:28:20	13	23:09:53
3	RFOSELW1	14	03:53:49	18:13:40	18:46:17	14	14:09:29
3	CHRISTCH1	13	18:28:43	18:28:44	18:48:40	13	23:19:17
3	LINC417	13	17:52:47	17:55:30	18:54:12	14	09:47:55
3	HARE261	13	18:40:43	18:41:33	18:57:13	20	02:07:15
3	WOOL241	13	18:40:41	18:41:23	18:57:28	22	07:44:19
3	REGION4B	14	03:42:10	19:35:53	19:35:54	14	18:49:15
3	ROLLCFO	13	19:37:32	19:37:33	19:40:27	13	21:34:35
3	RFOSELW4	13	19:35:54	19:35:55	19:53:02	16	19:41:25
3	BOTT1711	17	05:27:11	19:21:58	19:56:56	08	17:47:04
3	SELW9480	13	20:07:07	20:06:59	20:07:59	10	16:50:43
3	SELW9475	13	20:09:18	20:09:19	20:09:20	10	17:19:13
3	SELW9476	13	20:09:19	20:09:20	20:09:21	17	17:09:41
3	GOVE3311	13	19:06:56	19:08:09	20:09:50	13	23:54:52
3	LINC4126	13	19:58:00	19:58:01	20:15:36	14	08:29:43
3	RFOSELW3	13	20:03:28	20:03:29	20:19:33	14	15:38:39
3	BURN9111	13	20:35:16	20:35:17	20:35:18	17	17:51:31
3	RURALCHCH2	13	18:45:54	18:45:55	21:27:50	13	21:54:58
3	WEST9571	21	09:02:17	09:20:10	00:12:45	24	16:57:29
3	WEST9525	25	12:45:43	12:30:18	02:04:43	02	16:24:39
3	LEES4311	14	03:43:21	03:48:09	04:15:37	15	23:57:35
3	ROLL4226	14	10:14:01	06:23:29	06:37:42	15	20:49:36
3	WEST9511	16	20:21:37	00:40:19	07:21:43	17	17:21:56
3	RURALSCRF8	14	07:24:08	05:33:03	08:30:03	14	22:13:13
3	RFOSELW2	13	18:40:15	18:40:16	21:28:49	17	20:25:52
3	SOUTHCANT2	15	12:10:27	12:10:29	12:33:30	16	15:28:22
3	TIMA8018	15	13:22:39	13:49:24	15:51:39	16	15:30:57
3	SHEF711	15	18:52:08	18:52:09	18:52:10	16	05:16:44
3	LINCCFO	15	19:56:39	19:56:40	19:56:41	16	02:39:03
3	RANG7611	15	20:52:44	20:56:58	21:35:28	16	00:20:14
3	HORO7311	15	20:52:06	20:58:03	21:40:30	16	18:48:04
3	VICT1811	13	19:05:21	01:56:50	01:56:51	02	17:32:33
3	HURU0977	16	07:48:01	07:48:02	07:52:04	20	21:24:04
3	TIMA8029	16	07:53:55	07:53:56	10:13:05	16	13:32:32
3	SCAR9225	19	04:52:45	15:19:26	15:19:27	19	16:53:55
3	SWAN1725	17	06:07:28	06:07:29	06:37:12	27	19:39:46
3	BURN9160	17	07:41:07	07:40:26	07:40:27	05	10:26:14
3	PEEL5211	19	05:39:19	07:58:59	07:59:00	24	20:01:48
3	BOTT1760	17	10:10:32	10:10:33	10:10:34	02	17:32:23
3	HIND9311	17	10:41:37	10:41:38	10:41:39	19	20:48:47
3	SPRI7411	17	10:41:38	10:41:39	10:41:40	23	14:25:35
3	CLAN5311	17	13:25:51	13:25:52	13:25:53	17	19:24:29
3	ARTH9625	18	05:24:48	05:24:49	06:00:31	10	17:19:27
3	PEND8911	18	05:24:49	05:24:50	06:06:29	19	20:05:09

3	ASHB9011	18	05:27:35	05:27:47	06:40:27	19	20:23:13
3	LAUR8871	20	05:10:17	05:24:49	07:56:14	25	16:31:05
3	AMBE4825	19	05:28:39	05:28:40	08:35:10	19	19:29:55
3	ALFO8611	20	06:04:08	06:18:02	06:04:58	24	18:06:03
3	AORA5475	20	05:22:16	04:15:08	06:10:02	28	20:16:08
3	METH6329	23	05:02:45	05:23:30	06:17:53	23	17:45:34
3	TEMU8629	20	05:28:52	04:14:57	06:31:32	23	19:59:13
3	RANG5111	20	05:00:13	05:04:11	08:46:02	28	20:30:33
3	WAIK1825	24	05:36:03	05:31:28	06:31:14	24	19:38:23
3	WAIH5771	21	17:14:30	20:54:46	17:14:32	07	13:27:08
3	PINE1971	22	05:32:02	05:31:58	05:31:59	22	18:54:15
3	STHLND2710	21	17:10:49	17:10:50	05:55:57	01	14:59:59
3	STHLND2771	21	17:11:59	17:12:00	05:56:22	01	16:44:37
3	PINE1925	22	05:30:39	05:30:40	06:13:25	22	19:20:10
3	MTSO9611	23	16:06:13	16:06:14	18:11:09	01	17:04:27
3	RTSREGION4	24	15:49:05	15:49:06	16:48:26	24	17:37:33
3	CHAR9271	24	20:23:03	15:22:23	20:23:09	05	15:00:29
3	SEFT3976	25	06:05:43	06:05:44	07:12:33	25	17:27:15
3	SCRF9378	25	16:30:54	16:30:55	16:30:56	28	20:57:14
3	UPPE9473	01	21:17:44	21:17:45	21:17:46	05	08:49:48
3	ASHB622	18	05:31:35			18	05:31:52
3	MOTU3611	23	12:41:20			23	12:44:41
3	OXFO7911	19	06:04:16			19	08:05:40
3	RURALCHCH3	13	20:05:40			16	20:23:38
3	RURALSCRF2	16	05:53:41			16	05:59:18
3	TIMA802	16	07:56:43	07:56:44		16	09:48:48
3	UPPE8771	03	21:23:01	21:23:02		03	21:46:04
3	WEST7311	16	00:39:31			16	00:39:47

Cover Moves

Call Sign	Start Time	End Time
KAIA401	13 18:43:01	
KAIA407	13 18:58:22	
LINC417	16 15:06:07	
ROLL427	13 18:23:51	
STAL231	13 18:42:11	

Notifications

Date	Party Notified
17:52:57	AREA CHCH
17:54:45	RFO CHCH CITY COUNCIL
17:54:54	AC BERRY ACK
17:59:31	PRFO CHRISTCHURCH DARREN WOODS ACK PAGE

17:59:48 RFO PAGED RE HELOS
 18:05:15 RFO SELWYNPAGED TURNOUT AND 1 HELO REQUIRED
 18:15:55 [REDACTED] FROM WAY TO GO HELO HAS A HELO AVAILABLE
 18:58:29 WAY 2 GO ([REDACTED]) RUNG AND WILL ADVISE AVAILABILITY
 19:01:15 MRF CHCH (TIM MITCHELL) PAGED UPDATE
 19:04:02 MRF CHCH (TIM MITCHELL) ACK PAGE
 19:09:26 AAC BALMER RESPONDING AS PER REQUESTED BY AC BERRY
 19:20:49 REGION 4 DUTY PAGED RE ALARM LEVEL
 19:20:56 NCG PAGED RE ALARM LEVEL
 19:25:43 REGION 4 (STEVE TUREK) ACK PAGE
 19:26:03 NCG ACK PAGE VIA STEVE TUREK
 19:30:51 CM SOUTHERN (CHRIS MUNRO) PAGED
 19:32:42 CM SOUTHERN ACK PAGE
 02:11:00 AREA CHCH PAGED
 02:14:10 AREA CHCH ACK PAGE (DAVE BERRY)
 03:22:02 AREA CHCH PAGED UPDATE
 03:27:47 AAC BALMER ACK PAGE IS GOING TO LIAISE WITH AC BERRY
 03:33:31 AREGION 4 (DUTY) PAGED RE AREA CHCH RESPONDING
 03:44:38 REGION 4 (STEVE TUREK) ACK PAGE
 12:56:28 RFO HAND ADVISED OF RECENT CALLS FROM GOVERNORS BAY
 12:56:51 RFO HAND ADVISED
 01:51:06 ORION WHO ARE RESPONDING IMMEDIATELY
 17:52:29 ICP ADVISED OF GOVERNORS BAY SITREP
 16:14:33 TONY ICP HAS SENT SOMEONE AROUND THERE AND THERE IS NO WAY AN URBAN
 APPLIANCE WILL GET NEAR IT AND ICP WILL LOOK AFTER IT AT THIS STAGE
 06:47:09 TONY FROM ICP CALLED TO ADVISE THE DAY CREW HAS TAKEN OVER AND HE WILL
 CALL UP DURING THE DAY TO ADVISE WHO IS TAKING OVER FROM HIM
 18:44:09 JASON SARICH CONTACT FOR ANY CALLS DURING THE NIGHT [REDACTED]
 21:32:43 JASON CALLED IN AND SAID THAT THIS IS OUT OF THE FIRE AREA THEY ARE LOOKING
 AFTER
 09:35:16 RFO SELWYN PAGED FOR RFO IN CHARGE OF THE HALSWELL STAGING OP PORT HILLS
 TO CONTACT FIRE COMS RE UPDATE ON APPLIANCES STILL ATTACHED

Message Log

Time	Message
17:45:37	INC INFO: SCRUB FIRE
17:45:38	** ELOI search completed at 13/02/17 17:45:38 - 1 result
17:45:39	** LOI search completed at 13/02/17 17:45:39
17:45:51	** Recommended unit CHRI2111 for requirement TANKER (>11.0 km)
17:45:51	** Recommended unit ADDI221 for requirement PUMP (>7.9 km)
17:46:14	AL: PAGING ACK RECEIVED FROM STATION 3422 at 13/02/17 17:46:13
17:47:14	CALLERS ARE SAYING IT IS VERY BIG FIRE
17:47:45	Unit ADDI221 [K1 : PROCEEDING TO INCIDENT]
17:48:35	End of Duplicate Event data
17:48:59	** Requirement TANKER added for alarm level 1
17:49:13	Unit CHRI2111 [K1 : PROCEEDING TO INCIDENT]

17:50:38 End of Duplicate Event data
 17:51:45 ENDANGERING PROPERTIES AND PYLONS ON FIRE
 17:51:52 Unit ADDI221 [SITREP :] MAKE PUMPS 4 TANKERS 2
 17:52:27 ** Requirement PUMP added for alarm level 1
 17:52:27 ** Cross Referenced to Event # F2245616 at: 13/02/17 17:52:27
 17:52:27 **
 17:52:36 ** Recommended unit LINC4111 for requirement ADHOC TANKER (>8.4 km)
 17:52:36 ** Recommended unit LINC411 for requirement ADHOC PUMP (>8.4 km)
 17:52:36 ** Recommended unit LINC417 for requirement ADHOC PUMP (>8.4 km)
 17:53:09 Unit SOCK257 [K1 : PROCEEDING TO INCIDENT]
 17:54:17 Unit SOCK257 [KC : UNIT CALLING]
 17:54:56 Unit SOCK257 [SITREP :] CAN YOU TELL ME TWO TANKER THAT ARE RESPONDING GET
 17:54:56 ROLLEST ON WAY
 17:55:31 Unit LINC417 [K1 : PROCEEDING TO INCIDENT]
 17:56:11 CALLER IN HALSWELL LOOKING UP PORT HILLS
 17:56:35 Unit CANTERBRY1 [K1 : PROCEEDING TO INCIDENT]
 17:56:40 Unit LINC4111 [K1 : PROCEEDING TO INCIDENT]
 17:57:01 Unit LINC411 [K1 : PROCEEDING TO INCIDENT]
 17:57:06 Unit LINC4111 [K1 : PROCEEDING TO INCIDENT]
 17:58:23 Unit ADDI221 [COMCEN COM : MESSAGE] HYDANT LOCATION GIVEN (ACK)
 17:58:24 Unit LINC4111 [COMCEN COM : MESSAGE] HYDANT LOCATION GIVEN (ACK)
 17:58:40 INC INFO: BUSH FIRE
 17:58:40 INC INFO: VEGETATION FIRE
 17:58:40 INC INFO: UP ON THE HILL
 17:58:43 End of Duplicate Event data
 17:58:43 ** Cross Referenced to Event # F2245619 at: 13/02/17 17:58:43
 17:58:43 **
 17:59:00 X
 17:59:08 *
 17:59:09 RRRR
 17:59:12 FIRE2POL FOR TRAFFIC AND POSS EVACUATIONS
 17:59:13 XXX
 17:59:27 Unit ADDI221 [SITREP :] HELI ON STANDBY FIRE IS RACING UP THE HILL
 18:00:02 End of Duplicate Event data
 18:00:03 ** Cross Referenced to Event # F2245625 at: 13/02/17 18:00:03
 18:00:03 **
 18:00:07 Unit ROLL4211 [K1 : PROCEEDING TO INCIDENT]
 18:01:06 SCC1 RRRR
 18:01:18 Unit SOCK257 [K2 : IN ATTENDANCE AT INCIDENT]
 18:01:40 CRN2 WILL TALK TO DCC.
 18:01:51 Unit ADDI221 [K66 : NON PROPERTY FIRE]
 18:02:38 .
 18:02:40 Unit ADDI221 [KP : PRIORITY MESSAGE]
 18:02:51 .
 18:03:15 .
 18:03:16 .

18:03:20 CHRISTCHURCH HELICOPTERS HAS A HELO AND BUCKET READY TO GO

18:03:21 .

18:03:37 Unit ADDI221 [KP : PRIORITY MESSAGE] MAKE HELI 2 ADVISE CHRI2111 [REDACTED] EARLY

18:03:37 VALLEY RD

18:03:54 Unit SOCK257 [KP : PRIORITY MESSAGE]

18:03:56 Unit CHRI2111 [COMCEN COM : MESSAGE] DID YOU COPY (YES ETA 5MINS)

18:04:43 XXXXXXXXXX

18:04:57 FROM PRFO CHRISTCHURCH DARREN WOODS THIS IS IN THE SELWYN AREA

18:04:58 *

18:05:03 GARDEN CITY HELO - COMMITTED IN KAIKOURA

18:05:14 CHCH HELO OK TO GO - ETA 10 MINS

18:05:17 *

18:05:18 Unit SOCK257 [KP : PRIORITY MESSAGE] MAKE HELI 1 AT THIS STAGE AND ADVISE NEXT

18:05:18 ARRIVING APPLIANCES (LINC411 & 417 AND YOUR THREE TANKERS)

18:05:28 Unit SOCK257 [KP : PRIORITY MESSAGE]

18:06:22 Unit CHRI2111 [K2 : IN ATTENDANCE AT INCIDENT]

18:06:30 Unit LINC411 [K2 : IN ATTENDANCE AT INCIDENT]

18:06:41 Unit LINC411 [K2 : IN ATTENDANCE AT INCIDENT]

18:06:49 Unit LINC411 [K2 : IN ATTENDANCE AT INCIDENT]

18:06:55 Unit SOCK257 [KP : PRIORITY MESSAGE] MAKE 3 ALARM FIRE WELL INVOLVED (YOU ARE

18:06:55 AT 4TH ALARM) WE NEED MORE PUMPS

18:07:03 Unit LINC411 [K2 : IN ATTENDANCE AT INCIDENT]

18:07:15 DCC - LCR WILL BE PRIME UNIT

18:07:30 ** Event P028499786 transferred from NZP/CR to NZP/CU as P028499786 at 13/02/17

18:07:30 18:07:30

18:07:34 Unit SOCK257 [SITREP :] 6 PUMPS WITH 4 GUYS IN EACH

18:07:45 Unit ADDI221 [KP : PRIORITY MESSAGE]

18:07:47 ** Requirement PUMP added for alarm level 1

18:07:53 ** Requirement PUMP added for alarm level 1

18:07:57 ** Requirement PUMP added for alarm level 1

18:08:03 ** Recommended unit CHRI214 for requirement ADHOC PUMP (>11.0 km)

18:08:03 ** Recommended unit CHRI217 for requirement ADHOC PUMP (>11.0 km)

18:08:03 Unit CANTERBRY1 [K2 : IN ATTENDANCE AT INCIDENT]

18:08:07 Unit ADDI221 [KP : PRIORITY MESSAGE]

18:08:33 Unit ADDI221 [KP : PRIORITY MESSAGE] REPORTS OF CHILD UP YTHE HILL

18:08:35 Unit CHRI2111 [KP : PRIORITY MESSAGE]

18:08:42 Unit CHRI2111 [KP : PRIORITY MESSAGE]

18:09:15 Unit CHRI2111 [KP : PRIORITY MESSAGE]

18:09:34 Unit CHRI214 [K1 : PROCEEDING TO INCIDENT]

18:09:40 Unit CHRI2118 [K1 : PROCEEDING TO INCIDENT]

18:09:48 LCR1 WANTS POINT TO MEET AND LIASE WITH YOUR COMMAND UNIT

18:09:48 Unit CHRI217 [K1 : PROCEEDING TO INCIDENT]

18:10:42 Unit CHRI2111 [KP : PRIORITY MESSAGE] REPORT 138 EARLY VALLEYS RD CAN WE GET

18:10:42 PUMP THERE

18:11:17 CHCH

18:12:00 CALLER ON A QUAD BIKE AT THE TOP OF THE SPUR STATING FIRE HEADING TOWARDS

18:12:00 FORESTRY AND CANT BE CONTAINED

18:12:39 Unit LINC411 [COMCEN COM : MESSAGE] REPORTS OF FIRE THREATENING HOUSE AT 138

18:12:39 EARLY VALLEY RD

18:13:08 Unit LINC411 [K11P : POLICE REQUIRED] IF NOT ALREADY RESPONDING AS WE ARE

18:13:08 GETTING ALOT OF PEOPLE

18:13:41 Unit RFOSELW1 [K1 : PROCEEDING TO INCIDENT]

18:13:49 ** Cross Referenced to Event # F2245639 at: 13/02/17 18:13:49

18:13:49 **

18:13:49 Unit RFOSELW1 [K1 : PROCEEDING TO INCIDENT]

18:13:52 INC INFO: SMOKE IN VICINITY

18:13:53 End of Duplicate Event data

18:13:53 ** Cross Referenced to Event # F2245636 at: 13/02/17 18:13:53

18:13:53 **

18:13:57 End of Duplicate Event data

18:13:58 ** Cross Referenced to Event # F2245635 at: 13/02/17 18:13:58

18:13:58 **

18:14:36 Unit ROLL4211 [KC : UNIT CALLING]

18:15:30 Unit ROLL4211 [SITREP :] WE ARE 5MINS 9OUT IS THERE A SFP

18:15:43 *

18:16:21 Unit SOCK257 [COMCEN COM : MESSAGE] SFP START OF EARLY VALLEY RD

18:16:52 Unit CHRI214 [COMCEN COM : MESSAGE] SFP PASSED

18:16:52 Unit CHRI217 [COMCEN COM : MESSAGE] SFP PASSED

18:17:03 Unit CANTERBRY1 [KC : UNIT CALLING]

18:18:04 ** Cross Referenced to Event # P028499797 at: 13/02/17 18:18:04

18:18:04 **

18:18:28 Unit CANTERBRY1 [SITREP :] HOW MANY HELI RESPONDING (2 ONE WITH BUCKET AND ONE

18:18:28 WITHOUT GOING TO CHECK ON HOUSES ABOVE FIRE WHERE REPORTS OF

18:18:28 UNATTENDED CHILDREN

18:18:28 IN HOUSES) ACK

18:19:03 Unit ROLL4211 [K2 : IN ATTENDANCE AT INCIDENT]

18:19:39 ** Alarm level updated to 2

18:19:49 ** Alarm level updated to 3

18:23:51 COVERING UNIT ROLL427 DISPATCHED TO STATION SOCKBURN

18:23:51 AT 13/02/17 18:23:50

18:23:51 TERMINAL: D0730062

18:25:07 Unit CHRI214 [K2 : IN ATTENDANCE AT INCIDENT]

18:26:52 ****

18:27:30 Unit CHRI2118 [K2 : IN ATTENDANCE AT INCIDENT]

18:28:00 Unit CHRI2118 [KC : UNIT CALLING]

18:28:21 Unit CHRI217 [K2 : IN ATTENDANCE AT INCIDENT]

18:28:45 Unit CHRISTCH1 [K1 : PROCEEDING TO INCIDENT]

18:29:07 Unit CHRI2118 [SITREP :] CAN YOU GET HOLD OF SOCKBURN AND FIND OUT WHERE THEY

18:29:07 WANT THE COMMAND UNIT

18:30:32 Unit SOCK257 [COMCEN COM : MESSAGE] CAN YOU LIAISE WITH CHRI2118 AS TO WHERE YOU

18:30:32 WANT THEM (ACK)

18:33:18 ##
 18:33:18 CALLER BACK ON THE LINE - THIS IS DEFINITELY A DIFFERENT FIRE
 18:33:18 ##
 18:33:18 .
 18:33:18 CALLER HAS RUNG BACK AND CONFIRMS IT IS EARLY VALLEY FIRE
 18:33:19 End of Duplicate Event data
 18:33:19 ** Cross Referenced to Event # F2245634 at: 13/02/17 18:33:19
 18:33:19 **
 18:38:23 *****
 18:38:29 RANG CHCH HELOS
 18:38:39 CONFIRM THAT THE TWO HELOS ARE UP AT THE RIDGE
 18:38:45 Unit CHRI2118 [KC : UNIT CALLING]
 18:38:53 Unit CHRI2118 [KC : UNIT CALLING]
 18:38:57 ARE EVACUATING PERSONS OFF THE RIDGE NUT OTHER DETAILS NOT AVAILABLE AT THIS
 18:38:57 STAGE E.G. NUMBERS ETC
 18:39:00 *****
 18:39:06 FIR2AMB
 18:39:11 NOTIFICATION ONLY
 18:39:14 *****
 18:39:38 Unit CHRI2118 [SITREP :] SSO MITTON 2 MORE PUMPS NEEDED ON SCENE
 18:40:17 ** WARNING: FAILED TO SEND [F2245608] TO AMBO
 18:40:17 Unit RFOSELW2 [K1 : PROCEEDING TO INCIDENT]
 18:40:57 Unit HARE261 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 18:41:24 Unit WOOL241 [K1 : PROCEEDING TO INCIDENT]
 18:41:34 Unit HARE261 [K1 : PROCEEDING TO INCIDENT]
 18:41:52 AL: PAGING ACK RECEIVED FROM STATION 3426 at 13/02/17 18:41:51
 18:42:11 COVERING UNIT STAL231 DISPATCHED TO STATION
 18:42:11 CHRISTCHURCH AT 13/02/17 18:42:10
 18:43:01 COVERING UNIT KAIA401 DISPATCHED TO STATION ST ALBANS AT
 18:43:01 D0730062
 18:45:55 Unit RURALCHCH2 [K1 : PROCEEDING TO INCIDENT]
 18:46:18 Unit RFOSELW1 [K2 : IN ATTENDANCE AT INCIDENT]
 18:46:26 Unit RFOSELW1 [K2 : IN ATTENDANCE AT INCIDENT]
 18:46:34 Unit RFOSELW1 [K2 : IN ATTENDANCE AT INCIDENT]
 18:47:16 .
 18:48:03 PERSON FROM CHRISTCHURCH ADVENTURE PARK RANG ENQUIRING IF THEY NEED TO EVACUATE
 18:48:03 THE PARK, DETAILS PASSED AND ADVISED THEY NEED TO MAKE THAT DECISION
 18:48:04 .
 18:48:41 Unit CHRISTCH1 [K2 : IN ATTENDANCE AT INCIDENT]
 18:48:50 Unit CHRISTCH1 [KC : UNIT CALLING]
 18:49:39 Unit CHRISTCH1 [SITREP :] 2 MORE HELIS NEEDED ON STANDBY
 18:50:56 Unit WOOL241 [KC : UNIT CALLING]
 18:51:22 Unit CHRI2118 [SITREP :] ETA FOR NEXT PUMP? (WOOLSTON 5 MIN) ACK
 18:51:33 Unit CHRI2118 [K44 : COMMAND OR CONTROL POINT ESTABLISHED - OIC AND LOCATION]
 18:51:33 EARLY VALLEY COMMAND

18:51:41 .

18:51:43 *****

18:54:12 Unit LINC417 [K2 : IN ATTENDANCE AT INCIDENT]

18:54:41 CHRISTCHURCH HELIS RUNG ... 1 ON STANDBY FROM MT HUTT HELIS AND

18:55:30 NEED TO REQUEST ONE FROM WAY 2 GO HELIS

18:55:52 Unit CHRI2118 [KC : UNIT CALLING]

18:56:00 Unit CHRI2118 [KC : UNIT CALLING]

18:56:52 Unit CHRI2118 [SITREP :] CAN WE HAVE 4 HELIS IN TOTAL ON SCENE

18:57:13 Unit HARE261 [K2 : IN ATTENDANCE AT INCIDENT]

18:57:29 Unit WOOL241 [K2 : IN ATTENDANCE AT INCIDENT]

18:58:22 COVERING UNIT KAIA407 DISPATCHED TO STATION ST ALBANS AT

18:58:22 D0730062

18:58:31 .

19:00:19 .

19:01:04 ***

19:01:31 NOT1 FROM MT HUTT HELIS AND 1 FROM WAY2GO WILL BE ENROUTE ASAP

19:01:32 .

19:03:32 Unit CHRI2118 [KC : UNIT CALLING]

19:03:43 *****

19:03:48 Unit CHRI2118 [KC : UNIT CALLING]

19:04:26 ADVISES THAT SELWYN DC HAS ESTABLISHED AN EMERGENCY COORDINATION CENTRE

19:04:26 AT

19:04:26 ROLLESTON

19:04:29 ***

19:04:32 Unit CHRI2118 [SITREP :] HOW MANY TANKERS? (3 TANKERS) CAN WE GET ANOTHER

19:04:32 WITH

19:04:32 ETA

19:04:37 ** Requirement TORT added for alarm level 3

19:04:48 ** Requirement TORT added for alarm level 3

19:05:02 ** Recommended unit VICT1811 for requirement ADHOC TORT (>5.5 km)

19:06:12 Unit CHRI2118 [KC : UNIT CALLING]

19:06:20 Unit CHRI2118 [KC : UNIT CALLING]

19:06:44 ** Requirement TORT added for alarm level 3

19:06:51 ** Recommended unit GOVE3311 for requirement ADHOC TORT (>5.1 km)

19:07:06 AL: PAGING ACK RECEIVED FROM STATION 3433 at 13/02/17 19:07:06

19:08:10 Unit GOVE3311 [K1 : PROCEEDING TO INCIDENT]

19:08:59 .

19:09:28 .

19:10:07 ****

19:10:29 #####

19:10:55 CALLER SAYS THIS FIRE HAS GOT INTO THE PLANTATION - TO THE SOUTH OF THE FIRE

19:10:55 CREWS - CALLER THINKS WE MAY NOT BE AWARE

19:10:56 #####

19:13:22 *****

19:13:45 POOL/POND INFO FOR HOLMES RD PASSED TO CHRI2118 AND CHCH HELOS

19:13:52 **

19:14:09 Unit GOVE3311 [KC : UNIT CALLING]

19:15:40 Unit VICT1811 [K7 : AT NORMAL STATION]
 19:16:04 Unit REGION4B [KC : UNIT CALLING]
 19:16:53 **
 19:17:05 Unit CHRI2118 [KC : UNIT CALLING]
 19:17:07 CHRI2118 ADVISED RE AVAILABILITY OF TAI TAPU SCHOOL POOL
 19:17:08 **
 19:17:14 Unit CHRI2118 [KC : UNIT CALLING]
 19:17:22 Unit CHRI2118 [KC : UNIT CALLING]
 19:17:53 Unit CHRI2118 [SITREP :] TANKER ETA? (THEY HAVE PASSED GEBBIES PASS) ACK
 19:21:12 Unit CHRI2118 [KC : UNIT CALLING]
 19:21:39 Unit CHRI2118 [K45 : COMMAND RESPONSIBILITY CHANGED TO - NAME] AC BERRY
 19:21:59 Unit BOTT1711 [K1 : PROCEEDING TO INCIDENT]
 19:23:17 GARDEN CITY HELO ADVISE HAVE 2 1000L BUCKET HELOS AVAILBLE AT FIRST LIGHT IF
 19:23:17 REQUIRED
 19:25:18 ***
 19:26:44 Unit GOVE3311 [KC : UNIT CALLING]
 19:29:13 Unit CHRI2118 [KC : UNIT CALLING]
 19:30:05 Unit CHRI2118 [SITREP :] AC BERRY LARGE SCRUB FIRE MULTIPLE DELIVERIES IN USE
 19:30:05 MULTIPLE HOUSES EVACUATED AIR OPS MANAGER ESTABLISHED WORKING WITH
 HELOS AND
 19:30:05 MONSOON BUCKETS
 19:30:32 Unit CHRI2111 [KP : PRIORITY MESSAGE]
 19:30:52 **
 19:35:23 Unit REGION4B [KC : UNIT CALLING]
 19:35:55 Unit REGION4B [K2 : IN ATTENDANCE AT INCIDENT]
 19:35:56 Unit RFOSELW4 [K1 : PROCEEDING TO INCIDENT]
 19:37:34 Unit ROLLCFO [K1 : PROCEEDING TO INCIDENT]
 19:38:02 Unit ROLLCFO [SITREP :] HAVE BEEN REQUESTED AT THE COMMAND CENTRE IN
 19:38:02 ROLLESTON. REGION4B AWARE
 19:40:27 Unit ROLLCFO [K2 : IN ATTENDANCE AT INCIDENT]
 19:40:50 Unit CHRI2118 [KC : UNIT CALLING]
 19:41:07 Unit CHRI2118 [KC : UNIT CALLING]
 19:41:34 Unit CHRI2118 [COMCEN COM : MESSAGE] MEMBERS OF PUBLIC OFFERING WATER
 TANKERS DO
 19:41:34 YOU WANT THEM RESPONDED? (NEGATIVE WE HAVE PLENTY OF WATER AT STAGE)
 19:41:50 *****
 19:43:54 TIM MITCHELL ADVISES SELWYN DC HAVE THE FOLLOWING RESOURCES AT THE
 INCIDENT -
 19:43:54 SELW9475/9476/9480
 19:43:58 ***
 19:53:02 Unit RFOSELW4 [K2 : IN ATTENDANCE AT INCIDENT]
 19:53:10 Unit RFOSELW4 [K2 : IN ATTENDANCE AT INCIDENT]
 19:55:29 ****
 19:56:11 SO HARVEY PUT THROUGH TO AC STACKHOUSE RE AVAILABILITY
 19:56:56 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]
 19:57:20 FROM SO HARVEY - MAKE AVAILABILITY
 19:58:02 Unit LINC4126 [K1 : PROCEEDING TO INCIDENT]

20:03:29 Unit RFOSELW3 [K1 : PROCEEDING TO INCIDENT]
 20:07:00 Unit SELW9480 [K1 : PROCEEDING TO INCIDENT]
 20:07:08 Unit SELW9480 [K1 : PROCEEDING TO INCIDENT]
 20:07:17 Unit SELW9480 [K1 : PROCEEDING TO INCIDENT]
 20:07:31 Unit SELW9480 [KC : UNIT CALLING]
 20:07:59 Unit SELW9480 [K2 : IN ATTENDANCE AT INCIDENT]
 20:09:20 Unit SELW9475 [K2 : IN ATTENDANCE AT INCIDENT]
 20:09:21 Unit SELW9476 [K2 : IN ATTENDANCE AT INCIDENT]
 20:09:50 Unit GOVE3311 [K2 : IN ATTENDANCE AT INCIDENT]
 20:15:36 Unit LINC4126 [K2 : IN ATTENDANCE AT INCIDENT]
 20:19:34 Unit RFOSELW3 [K2 : IN ATTENDANCE AT INCIDENT]
 20:21:27 Unit CHRI2118 [KC : UNIT CALLING]
 20:21:43 Unit CHRI2118 [KC : UNIT CALLING]
 20:22:43 Unit CHRI2118 [SITREP :] HAVE YOU GOT ENOUGH APPLIANCES GOING TO MATHERS
 20:22:43 (AFFIRM AT THIS STAGE) WE CAN RELEASE LINCOLN IF NEEDED
 20:34:07 Unit CHRI2118 [KC : UNIT CALLING]
 20:34:52 Unit CHRI2118 [SITREP :] LINC4111 HEADING TO SUMMIT ROAD JOB. BURNHAM TANKER
 20:34:52 HAS RESPONDED TO US AT EARLY VALLEY ROAD.
 20:35:18 Unit BURN9111 [K2 : IN ATTENDANCE AT INCIDENT]
 20:35:28 Unit LINC4111 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 20:37:47 *****
 20:37:52 FROM CHRI2118
 20:38:04 ADDRESSES CLEARED - ALL OF HOLMES RD
 20:38:27 NOS [REDACTED] EARLY VALLEY RD
 20:38:37 [REDACTED] EV RD STILL TO BE CONFIRMED
 20:38:38 **
 20:45:36 Unit CHRISTCH1 [KC : UNIT CALLING]
 20:46:58 Unit CHRISTCH1 [SITREP :] CHRI2118 TO CONTACT ME VIA CELL PHONE
 20:47:20 Unit CHRI2118 [COMCEN COM : MESSAGE] CONTACT CHRISTCH1 VIA CELL (ACK)
 20:51:17 ***
 20:51:31 FROM 2118 - [REDACTED] EV RD CHECKED..NO RESPONSE TO DOOR KNOCK
 20:51:32 **
 20:59:11 Unit CHRI214 [KC : UNIT CALLING]
 21:00:04 Unit CHRI214 [K22-1 : UNIT AVAILABLE FOR A FURTHER EVENT]
 21:00:05 Unit CHRI214 [SITREP :] STANDING BY AT COMMAND POINT. SSO ON THIS APPLIANCE IN
 21:00:05 CASE OF ANY LARGE TOWN CALLS
 21:09:13 Unit CHRI2118 [KC : UNIT CALLING]
 21:09:44 Unit CHRI2118 [COMCEN COM : MESSAGE] REPORTS OF FIRE AT [REDACTED] EARLY VALLEY RD
 21:09:44 ARE
 21:09:44 YOU AWARE? (ACK WE ARE AWARE TANKER ENROUTE)
 21:11:23 Unit CHRI214 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 21:11:58 Unit CHRI214 [SITREP :] RELEASED FROM SCENE
 21:14:03 ***
 21:15:17 RFO WOODS ADVISES [REDACTED] EARLY VALLEY RD HAS A RURAL UNIT ON SCENE...11KVA
 21:15:17 POWER
 21:15:17 LINES ARE ON FIRE...ORION ARE AWARE...HE IS CONCERNED ABOUT THE STRUCTURE
 AND

21:15:17 THERE ARE NO NZFS UNITS IA....HAVE ADVISED HIM THE COMMAND UNT WAS MADE AWARE OF

21:15:17 THIS PROPERTY A FEW MINUTES AGO

21:19:20 Unit CHRI2118 [COMCEN COM : MESSAGE] RFO WOODS ADVISES [REDACTED] EARLY VALLEY RD HAS

21:19:20 A RURAL UNIT ON SCENE...11KVA POWER LINES ON FIRE HAVE YOU GOT ANY FIRE SERVICE

21:19:20 APPLIANCES RESPONDING? (STAND BY)

21:27:50 Unit RURALCHCH2 [K2 : IN ATTENDANCE AT INCIDENT]

21:27:58 Unit RURALCHCH2 [K2 : IN ATTENDANCE AT INCIDENT]

21:30:09 Unit CHRI2118 [COMCEN COM : MESSAGE] CAN A DUTY EXEC RESPOND TO SUMMIT ROAD

21:30:09 (ACK)

21:34:36 Unit ROLLCFO [K6 : ON TELEPAGER]

21:39:08 ***

21:42:33 NIWA FORECAST - NOW TILL 0600 SUSTAINED WIND FROM NW 20-30KPH WINDS MAY TEND W

21:42:33 TO WNW CLOSER TO 0600 WIND GUSTS TO 65 KPH TO MIDNIGHT AFTER MIDNIGHT 45-55 KPH

21:42:33 0600 - MIDDAY SUSTAINED WIND W TO WNW 20-30 KPH WIND GUST 45 -55 KPH....NB

21:42:33 1500-2100 14/2 WIND MAY GO SW AND THEN ENE BY 2100...WIND GUSTS COULD APPROACH

21:42:33 70 KPH AROUND 1400 (NOTE THIS IS OUTSIDE FORECAST REQUEST)

21:43:09 Unit CHRI2118 [KC : UNIT CALLING]

21:44:39 Unit CHRI2118 [SITREP :] AC BERRY. HELO OPERATIONS HAVE CEASED FOR THE NIGHT.

21:44:39 REDUCING FIRE SERVICE PRESCENCE. RURAL MONITORING OVER NIGHT. 1 HOUSE LOST. RADA

21:44:39 STILL UNDER THREAT. SUMMIT ROAD TO BE CLOSED OVERNIGHT.

21:45:28 Unit LINC4126 [K7 : AT NORMAL STATION]

21:46:52 Unit CHRI2118 [SITREP :] CORRECTION TO ABOVE SITREP AIRWAYS RADAR AT CASS PEAK

21:46:52 STILL UNDER THREAT

21:47:16 Unit CHRI2118 [KC : UNIT CALLING]

21:47:58 Unit CHRI2118 [SITREP :] AAM BUTLER IS HEADING UP TO SUMMIT ROAD.

21:49:40 Unit CHRI2118 [KC : UNIT CALLING]

21:49:49 Unit CHRI2118 [KC : UNIT CALLING]

21:50:28 Unit CHRI2118 [SITREP :] AAM CRAWFORD IS NOW RESPONDING TO SUMMIT ROAD NOT AAM

21:50:28 BUTLER

21:53:52 Unit HARE261 [SITREP :] TWO SHEDS BURNT OUT HERE SAVED HOUSE HEADING TO [REDACTED]

21:53:52 THE HOUSE THERE LOOKS COMPLETELY SURROUNDED

21:54:59 Unit RURALCHCH2 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]

21:56:18 ****

21:56:38 EARLY VALLEY COMMAND NOTIFIED HARE261 MOVING TO [REDACTED] EARLY VALLEY RD

21:56:40 ***

21:56:40 Unit CHRI2118 [COMCEN COM : MESSAGE] HARE261 HEADING TO PROTECT A HOUSE AT [REDACTED]

21:56:40 EARLY VALLEY RD. ABOUT 400M FROM EARLY VALLEY ROAD (ACK)

22:07:13 Unit GOVE3311 [K2 : IN ATTENDANCE AT INCIDENT]

22:15:02 Unit CHRI2118 [KC : UNIT CALLING]

22:15:42 Unit CHRI2118 [SITREP :] ROAD BLOCKS HAVE BEEN ORGANISED HERE AT SCENE FOR

22:15:42 SUMMIT ROAD
 22:28:38 Unit CHRI2118 [KC : UNIT CALLING]
 22:28:55 Unit CHRI2118 [KC : UNIT CALLING]
 22:28:58 Unit CHRI2118 [K45 : COMMAND RESPONSIBILITY CHANGED TO - NAME] RFO HUTT
 22:29:40 Unit HARE261 [SITREP :] SO LEWIS JUST PUT HOUSE FIRE OUT [REDACTED] EARLY VALLEY ,
 22:29:40 SHEDS BURNT AT [REDACTED] , HOUSE SAVED. NEED ANOTHER TANKER AND APPLIANCE UP TO
 22:29:40 HARE261 LOCATION
 22:30:42 THEY HAVE A GRASS AND SCRUB BURNING UP THERE
 22:31:10 Unit CHRI2118 [COMCEN COM : MESSAGE] HARE261 HAVE PUT OUT A HOUSE FIRE.
 ASKING
 22:31:10 FOR ANOTHER PUMP AND TANKER TO THEIR LOCATION (ACK)
 22:31:27 Unit LINC417 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 22:39:12 Unit CHRI2118 [KC : UNIT CALLING]
 22:40:11 Unit CHRI2118 [SITREP :] AAM BALMER. NOBODY ABLE TO HELP HARE261. RELAY TO
 22:40:11 HAREWOOD TO DISENGAGE AND RETURN TO COMMAND UNIT
 22:41:48 Unit HARE261 [COMCEN COM : MESSAGE] UNIT CHRI2118 [SITREP :] AAM BALMER.
 22:41:48 NOBODY ABLE TO HELP HARE261. RELAY TO HAREWOOD TO DISENGAGE AND RETURN
 TO
 22:41:48 COMMAND UNIT
 22:42:51 Unit CHRI2118 [COMCEN COM : MESSAGE] HARE261 HAS BEEN NOTIFIED. WILL BE
 LEAVING
 22:42:51 THE HOUSE SHORTLY.
 22:55:09 Unit LINC411 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 22:58:34 Unit SELW9480 [KC : UNIT CALLING]
 23:00:07 Unit SELW9480 [SITREP :] RFO HUTT HANDING OVER TO NIGHT SHIFT. 3 CREWS
 23:00:07 PATROLING ROADS ONLY OVER NIGHT. CORDONS WILL REMAIN IN PLACE OVER NIGHT.
 WILL
 23:00:07 CONTACT VIA PHONE SHORTLY TO PASS CONTACTS FOR OVER NIGHT. BRIEFING FOR
 AIR
 23:00:07 OPERATORS HAS BEEN ORGANISED FOR 0600 TOMORROW
 23:06:27 Unit SOCK257 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 23:06:47 Unit ADDI221 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 23:08:36 RFO RYAN ADVISES NIGHT CREW OIC IS ROBBIE LAMBIE [REDACTED] ...NO LMR IF NO
 23:08:36 CONTACT VIA PHONE PAGE SELWYN DUTY RFO
 23:09:32 Unit ROLL4211 [KC : UNIT CALLING]
 23:09:54 Unit CHRI217 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 23:10:41 Unit RFOSELW1 [KC : UNIT CALLING]
 23:10:52 Unit ROLL4211 [K0 : NOT AVAILABLE]
 23:11:21 Unit RFOSELW1 [K6 : ON TELEPAGER]
 23:11:31 Unit RFOSELW1 [SITREP :] LEAVING THE SCENE AND HANDING OVER RFO AND WILL BE
 23:11:31 BACK AT 0600 TOMORROW. AVAILABLE ON PAGER IF REQUIRED
 23:13:52 Unit CHRI2118 [KC : UNIT CALLING]
 23:14:46 Unit CHRI2118 [SITREP :] RELAY TO FS RESOURCES THAT DUE TO SAFETY CONCERNS
 23:14:46 THEY ARE TO WITHDRAW TO THE COMMAND UNIT NOW
 23:17:21 Unit HARE261 [COMCEN COM : MESSAGE] DUE TO SAFETY CONCERNS WITHDRAW AND
 RETURN
 23:17:21 TO THE COMMAND UNIT
 23:17:22 Unit WOOL241 [COMCEN COM : MESSAGE] DUE TO SAFETY CONCERNS WITHDRAW AND
 RETURN

23:17:22 TO THE COMMAND UNIT
 23:18:41 Unit RFOSELW3 [K6 : ON TELEPAGER]
 23:19:18 Unit CHRISTCH1 [K6 : ON TELEPAGER]
 23:20:05 Unit REGION4B [KC : UNIT CALLING]
 23:20:56 Unit CHRI2118 [KC : UNIT CALLING]
 23:21:02 Unit CHRI2118 [KC : UNIT CALLING]
 23:22:03 Unit CHRI2118 [SITREP :] EARLY VALLEY COMMAND CLOSING DOWN, HANDING OVER TO
 23:22:03 RURAL
 23:22:23 Unit RFOSELW2 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 23:22:28 Unit HARE261 [SITREP :] WE ARE JUST LEAVING [REDACTED] EARLY VALLEY ROAD
 23:22:38 Unit BURN9111 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 23:27:51 Unit CANTERBRY1 [K6 : ON TELEPAGER]
 23:29:19 Unit BOTT1711 [KC : UNIT CALLING]
 23:29:44 Unit BOTT1711 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 23:53:26 Unit GOVE3311 [KC : UNIT CALLING]
 23:54:54 Unit GOVE3311 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 23:55:52 Unit CHRI2118 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 23:58:02 Unit RFOSELW4 [K6 : ON TELEPAGER]
 00:01:51 Unit WOOL241 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 00:06:26 Unit CHRI2111 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 00:11:21 Unit HARE261 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 00:12:44 ****
 00:12:45 Unit WEST9571 [K2 : IN ATTENDANCE AT INCIDENT]
 00:13:02 PHONED ROBBIE RE POTTERS LANE REIGNITION
 00:13:04 ***
 00:13:13 Unit WEST9571 [COMCEN COM : MESSAGE] FIRE REIGNITED AT INTERSECTION OF EARLY
 00:13:13 VALLEY ROAD AND OLD TAI TAPU RD
 00:13:34 ** Cross Referenced to Event # F2245835 at: 14/02/17 00:13:34
 00:13:34 **
 00:17:36 Unit REGION4B [K6 : ON TELEPAGER]
 00:23:28 ** Cross Referenced to Event # F2245839 at: 14/02/17 00:23:28
 00:23:28 **
 00:23:36 Unit WEST9571 [COMCEN COM : MESSAGE] [REDACTED] EARLY VALLEY RD HAS A FIRE AGAINST
 THE
 00:23:36 HOUSE AGAIN (ACK)
 00:29:33 Unit WEST9571 [KC : UNIT CALLING]
 00:31:26 Unit WEST9571 [SITREP :] GOING TO INVESTIGATE [REDACTED] EARLY VALLEY RD. ETA 4 MIN
 02:03:56 Unit WEST9571 [SITREP :] 5 HOUSES BACK BURNING NEED ANOTHER APPLIANCE AT
 02:03:56 INCIDENT CONTROL POINT ALL TANKERS COMMITTED
 02:04:43 Unit WEST9525 [K2 : IN ATTENDANCE AT INCIDENT]
 02:05:08 Unit ADDI221 [K7 : AT NORMAL STATION]
 02:07:19 AL: PAGING ACK RECEIVED FROM STATION 3422 at 14/02/17 02:07:19
 02:09:36 Unit ADDI221 [K1 : PROCEEDING TO INCIDENT]
 02:20:41 Unit ADDI221 [K2 : IN ATTENDANCE AT INCIDENT]
 02:40:13 Unit WEST9571 [KP : PRIORITY MESSAGE]
 02:41:08 Unit WEST9571 [KP : PRIORITY MESSAGE] HOUSES UNDER THREAT FROM FIRE DOWN
 THE

02:41:08 HILL [REDACTED] EARLY VALLEY ROAD RESPOND 2 PUMPS 2 TANKERS
 02:43:45 AL: PAGING ACK RECEIVED FROM STATION 3425 at 14/02/17 02:43:45
 02:45:04 Unit CHRI2111 [K1 : PROCEEDING TO INCIDENT]
 02:46:07 Unit SOCK257 [K1 : PROCEEDING TO INCIDENT]
 02:49:10 Unit LINC411 [K1 : PROCEEDING TO INCIDENT]
 02:50:50 Unit ROLL4211 [K1 : PROCEEDING TO INCIDENT]
 02:54:54 Unit WEST9571 [COMCEN COM : MESSAGE] DO YOU WANT BOTH PUMPS AND BOTH TANKERS
 02:54:54 RESPONDING TO [REDACTED] EARLY VALLEY ROAD OR DO YOU WANT THEM SPLIT UP?
 02:55:37 Unit WEST9571 [SITREP :] ALL TO [REDACTED] EARLY VALLEY RD. 2 HOUSES AND MULTIPLE
 02:55:37 OTHER STRUCTURES THREATENED,
 02:55:52 Unit SOCK257 [COMCEN COM : MESSAGE] ALL TO [REDACTED] EARLY VALLEY RD. 2 HOUSES AND
 02:55:52 MULTIPLE OTHER STRUCTURES THREATENED, (ACK)
 02:55:58 Unit LINC411 [COMCEN COM : MESSAGE] ALL TO [REDACTED] EARLY VALLEY RD. 2 HOUSES AND
 02:55:58 MULTIPLE OTHER STRUCTURES THREATENED, (ACK)
 02:56:12 Unit SOCK257 [K2 : IN ATTENDANCE AT INCIDENT]
 02:58:54 Unit LINC411 [K2 : IN ATTENDANCE AT INCIDENT]
 03:02:45 Unit CHRI2111 [K2 : IN ATTENDANCE AT INCIDENT]
 03:08:16 Unit ROLL4211 [K2 : IN ATTENDANCE AT INCIDENT]
 03:16:55 Unit WEST9571 [KC : UNIT CALLING]
 03:17:39 Unit WEST9571 [SITREP :] ADDITIONAL 2 PUMPS AND 1 TANKER TO 48 EARLY VALLEY
 03:17:39 RD. MULTIPLE PROPERTIES UNDER THREAT
 03:17:54 ** Requirement TORT added for alarm level 3
 03:19:51 AL: PAGING ACK RECEIVED FROM STATION 3491 at 14/02/17 03:19:50
 03:21:45 Unit CHRI214 [K1 : PROCEEDING TO INCIDENT]
 03:24:50 Unit BURN9111 [K1 : PROCEEDING TO INCIDENT]
 03:25:04 Unit LINC417 [K1 : PROCEEDING TO INCIDENT]
 03:26:48 Unit WEST9571 [COMCEN COM : MESSAGE] DO YOU WANT THE COMMAND UNIT?
 (NEGATIVE)
 03:27:03 .
 03:27:48 .
 03:27:50 Unit WEST9571 [SITREP :] CONFIRM UNITS RESPONDING? (BURN9111, CHRI214,LINC417.
 03:27:50 NEXT TANKERS WILL BE COMING FROM LEESTON OR DUNSANDEL) ACK WE ARE
 03:27:50 SETTING UP A
 03:27:50 WATER SOURCE
 03:31:03 .
 03:31:14 FROM AAC BALMER RESPOND CHRI2118
 03:31:16 .
 03:33:34 **
 03:33:41 Unit CHRI2118 [K1 : PROCEEDING TO INCIDENT]
 03:33:46 Unit LINC417 [K2 : IN ATTENDANCE AT INCIDENT]
 03:39:36 Unit CHRI214 [K2 : IN ATTENDANCE AT INCIDENT]
 03:40:00 Unit SOCK257 [KC : UNIT CALLING]
 03:40:49 Unit SOCK257 [SITREP :] IS THE COMMAND UNIT RESPONDING? (AFFIRM)
 03:41:50 Unit REGION4B [KC : UNIT CALLING]
 03:42:07 Unit CHRI214 [K2 : IN ATTENDANCE AT INCIDENT]
 03:42:12 Unit REGION4B [K1 : PROCEEDING TO INCIDENT]

03:42:36 Unit SELW9475 [SITREP :] 1 PUMP AND 1 TANKER REQUIRED
 03:43:32 AL: PAGING ACK RECEIVED FROM STATION 3443 at 14/02/17 03:43:32
 03:46:14 Unit WOOL241 [K1 : PROCEEDING TO INCIDENT]
 03:47:22 Unit SOCK257 [KC : UNIT CALLING]
 03:48:10 Unit LEES4311 [K1 : PROCEEDING TO INCIDENT]
 03:48:17 Unit LEES4311 [K1 : PROCEEDING TO INCIDENT]
 03:48:46 Unit SOCK257 [SITREP :] SSO MITTON WORKING WITH 2 DELIVEIES AT ■ EARLY VALLEY
 03:48:46 RD TO STOP FIRE GETTING INTO MACROCARPA HEDGES AND TO STOP FIRE SPREADING
 03:52:26 Unit CANTERBRY1 [K1 : PROCEEDING TO INCIDENT]
 03:53:50 Unit RFOSELW1 [K1 : PROCEEDING TO INCIDENT]
 03:53:52 Unit RFOSELW1 [K1 : PROCEEDING TO INCIDENT]
 03:54:01 Unit RFOSELW1 [K1 : PROCEEDING TO INCIDENT]
 03:54:13 Unit BURN9111 [K2 : IN ATTENDANCE AT INCIDENT]
 03:54:41 Unit RFOSELW1 [K1 : PROCEEDING TO INCIDENT]
 03:55:03 Unit CHRI2118 [K2 : IN ATTENDANCE AT INCIDENT]
 03:55:10 Unit CHRI2118 [K2 : IN ATTENDANCE AT INCIDENT]
 03:55:41 Unit REGION4B [K2 : IN ATTENDANCE AT INCIDENT]
 04:09:46 Unit CHRI2118 [KC : UNIT CALLING]
 04:11:14 Unit CHRI2118 [K44 : COMMAND OR CONTROL POINT ESTABLISHED - OIC AND LOCATION]
 04:11:14 EARLY VALLEY COMMAND
 04:13:20 Unit WOOL241 [K2 : IN ATTENDANCE AT INCIDENT]
 04:14:54 Unit CHRI2118 [KC : UNIT CALLING]
 04:15:37 Unit LEES4311 [K2 : IN ATTENDANCE AT INCIDENT]
 04:16:23 Unit CANTERBRY1 [K2 : IN ATTENDANCE AT INCIDENT]
 04:23:28 Unit LINC4111 [K1 : PROCEEDING TO INCIDENT]
 04:42:42 Unit LINC4111 [K2 : IN ATTENDANCE AT INCIDENT]
 04:56:38 Unit CHRI2118 [SITREP :] CAN WE GET A LIST OF ALL THE APPLIANCES IN ATTENDANCE
 04:56:38 EMAILED THRU
 04:56:47 .
 04:57:00 EMAIL SENT
 05:33:03 Unit RURALSCRF8 [K1 : PROCEEDING TO INCIDENT]
 05:37:09 Unit RFOSELW4 [K1 : PROCEEDING TO INCIDENT]
 05:39:51 Unit RFOSELW4 [K2 : IN ATTENDANCE AT INCIDENT]
 05:40:08 Unit RFOSELW4 [K2 : IN ATTENDANCE AT INCIDENT]
 05:56:13 Unit RURALSCRF8 [K1 : PROCEEDING TO INCIDENT]
 06:23:30 Unit ROLL4226 [K1 : PROCEEDING TO INCIDENT]
 06:37:42 Unit ROLL4226 [K2 : IN ATTENDANCE AT INCIDENT]
 06:49:20 Unit WOOL241 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 06:51:04 Unit ADDI221 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 06:51:10 Unit CHRI214 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 06:51:21 .
 06:51:43 ADDI221 - DOING CREW CHANGE AND THEN WILL RETURN BACK TO SCENE
 06:55:13 Unit SOCK257 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 07:02:36 Unit CHRI2118 [COMCEN COM : MESSAGE] WE ARE RESPONDING TO THE REPORT OF A
 FIRE
 07:02:36 ABOVE LIVING SPRINGS AND BELOW THE SUMMIT RD - ALLANDALE

07:09:59 Unit CHRI2118 [KC : UNIT CALLING]
 07:10:50 Unit CHRI2118 [SITREP :] SHUTTING DOWN AND LEAVING SCENE
 07:11:37 Unit CHRI2118 [COMCEN COM : MESSAGE] DO YOU HAVE CONTACT WITH HELICOPTERS -
 07:11:37 NEGATIVE IT IS NOW BEING RUN THROUGH A RURAL ICP
 07:15:28 Unit CHRI2118 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 07:20:55 Unit RFOSELW1 [K2 : IN ATTENDANCE AT INCIDENT]
 07:21:06 Unit RFOSELW1 [KC : UNIT CALLING]
 07:21:38 Unit REGION4B [KC : UNIT CALLING]
 07:21:43 Unit WEST9511 [K2 : IN ATTENDANCE AT INCIDENT]
 07:23:37 Unit RFOSELW1 [COMCEN COM : MESSAGE] CAN YOU GET HELICOPTER TO CHECK
 ABOVE
 07:23:37 LIVING SPRINGS AND BELOW THE SUMMIT NEAR THE GOLF BALL - WE HAVE ANOTHER
 REPORT
 07:23:37 OF A FIRE
 07:24:09 Unit RURALSCRF8 [K1 : PROCEEDING TO INCIDENT]
 07:24:33 Unit RFOSELW1 [COMCEN COM : MESSAGE] WE ARE AWARE OF THAT - IT IS WHERE THE
 FIRE
 07:24:33 HAS GONE OVER THE TOP
 07:25:24 Unit RFOSELW1 [KC : UNIT CALLING]
 07:26:15 Unit RFOSELW1 [SITREP :] THE FIRE BELOW THE GOLF BALL - WE ARE AWARE OF THAT
 07:26:15 AND ATTEMPTING TO PUT IT OUT
 07:30:18 Unit ROLL4226 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 07:34:47 Unit SELW9480 [KC : UNIT CALLING]
 07:35:39 Unit LINC4111 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 07:35:40 Unit SELW9480 [SITREP :] THIS CALL SIGN IS THE ICP AND IS CALLED EARLY VALLEY
 07:35:40 COMMAND
 07:37:17 Unit REGION4B [K6 : ON TELEPAGER]
 07:37:19 Unit LEES4311 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 07:37:44 Unit RURALSCRF8 [K45 : COMMAND RESPONSIBILITY CHANGED TO - NAME] RFO ROB
 HANDS
 07:37:44 ICP AT ROLLESTON SELWYN DISTRICT COUNCIL OFFICE SFP STILL EARLY VALLEY RD /
 OLD
 07:37:44 TAI TAP ROAD
 07:38:59 *
 07:39:30 ROB HANDS WILL BE BASED AT ROLLESTON FOR NOW
 07:39:32 *
 07:46:56 Unit CANTERBRY1 [K6 : ON TELEPAGER]
 07:47:00 *
 07:47:32 Unit RFOSELW3 [K1 : PROCEEDING TO INCIDENT]
 07:47:33 CALLER STATED A LADY HAS JUST DROVE PAST HER TELLING HER THERES A FIRE
 STARTED
 07:47:33 LOWER DOWN THE ROAD TOWARDS OLD TAI TAPU RD....ALL THE FIRE SERVICE ARE AT
 THE
 07:47:33 TOP OF THE ROAD
 07:47:35 *
 07:48:55 Unit SELW9480 [COMCEN COM : MESSAGE] CALLER STATED A LADY HAS JUST DROVE
 PAST
 07:48:55 HER TELLING HER THERES A FIRE STARTED LOWER DOWN THE ROAD TOWARDS OLD
 TAI TAPU
 07:48:55 RD....ALL THE FIRE SERVICE ARE AT THE TOP OF THE ROAD

07:49:24 Unit SELW9480 [SITREP :] WILL GET SOMEONE TO CHECK IT NOW
 07:50:31 Unit CHRI2111 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 07:51:53 **
 07:52:10 MESSAGE LEFT FOR DOUG MARSHALL TO CONTACT COMMS
 07:52:27 MESSAGE LEFT FOR TIM MITCHELL TO CONTACT COMMS
 07:52:28 **
 07:54:34 Unit SELW9480 [COMCEN COM : MESSAGE] REQUEST FOR UP TO DATE SITREP
 INCLUDING
 07:54:34 HELICOPTER OPERATIONS
 07:55:15 Unit LINC4126 [K1 : PROCEEDING TO INCIDENT]
 07:57:27 Unit SELW9480 [SITREP :] WE WILL GET BACK TO YOU
 08:04:22 Unit LINC4126 [K2 : IN ATTENDANCE AT INCIDENT]
 08:09:41 ** Cross Referenced to Event # F2245897 at: 14/02/17 08:09:41
 08:09:41 **
 08:20:58 *
 08:21:24 FROM AC STH CANTY - SSO HOOGENRAAD IS ATTENDING FIRE INVESTIGATOR AT REQ
 OF
 08:21:24 RURAL FIRE
 08:21:25 *
 08:26:40 SSO HOOGENRAAD - DRIVING UP IN OWN VEH - NOT FIRE SERVICE VEH - WILL BE GOING
 TO
 08:26:40 THE SELWYN DC EOC
 08:26:46 THEY ARE AWARE HE IS COMING
 08:26:48 *
 08:29:44 Unit LINC4126 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 08:30:04 Unit RURALSCRF8 [K2 : IN ATTENDANCE AT INCIDENT]
 08:31:01 Unit RFOSELW3 [K2 : IN ATTENDANCE AT INCIDENT]
 09:12:54 Unit SELW9480 [COMCEN COM : MESSAGE] JUST TO THE EAST OF THE DOME ON THE
 ROCK
 09:12:54 FACE CALLER CAN SEE SOME HELOS DUMPING WATER NEARBY BUT NOT AT THIS FIRE
 09:13:12 Unit SELW9480 [SITREP :] WILL PASS IT ON
 09:25:59 Unit SELW9480 [KC : UNIT CALLING]
 09:28:36 Unit SELW9480 [SITREP :] 10 ROTARY HELICOPTERS, 1 FIXED WING, 1 AIR ATTACK
 09:28:36 PLATFORM AND 1 CABRI TRANSPORT
 09:47:56 Unit LINC417 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 09:57:25 Unit LINC4111 [K1 : PROCEEDING TO INCIDENT]
 10:05:55 Unit SELW9480 [COMCEN COM : MESSAGE] WOODEND OFFICER ON EARLY VALLEY ROAD
 WITH A
 10:05:55 PALET OF FOAM - WHERE DO YOU WANT IT - STANDBY
 10:06:45 Unit SELW9480 [KC : UNIT CALLING]
 10:07:23 Unit SELW9480 [SITREP :] ICP ON OLD TAITAPU ROAD NEAR EARLY CVALLEY RD
 10:07:46 MEASAGE ACK BY MURRY LAMB
 10:14:03 Unit ROLL4226 [K1 : PROCEEDING TO INCIDENT]
 10:14:52 Unit ROLL4226 [SITREP :] RESPONDING FOR CREW CHANGE
 10:18:14 Unit SELW9480 [COMCEN COM : MESSAGE] CALLER AT [REDACTED] EARLY VALLEY RD SAYS
 ANOTHER
 10:18:14 FIRE TOWARDS THE END OF THE ROAD ON THE RIGHT GETTING CLOSE TO HOUSES
 AND IS
 10:18:14 WORRIED

10:20:58 *
 10:21:02 *
 10:21:09 ** Cross Referenced to Event # F2246014 at: 14/02/17 10:21:09
 10:21:09 **
 10:28:31 Unit LINC4111 [K2 : IN ATTENDANCE AT INCIDENT]
 10:34:11 Unit ROLL4226 [K2 : IN ATTENDANCE AT INCIDENT]
 10:34:19 Unit ROLL4226 [K2 : IN ATTENDANCE AT INCIDENT]
 11:36:54 ** Cross Referenced to Event # F2246075 at: 14/02/17 11:36:54
 11:36:54 **
 12:02:23 Unit ROLL4226 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 12:09:02 Unit SELW9480 [KC : UNIT CALLING]
 12:12:44 Unit SELW9480 [KC : UNIT CALLING]
 12:13:12 Unit SELW9480 [COMCEN COM : MESSAGE] [REDACTED] EARLUY VALLEY FIRE GETTING REALLY CLOSE
 12:13:12 TO BOUNDARY
 12:13:38 Unit SELW9480 [SITREP :] MESSAGE PASSED ON
 12:14:29 Unit ROLL4211 [KP : PRIORITY MESSAGE]
 12:16:01 Unit ROLL4211 [KP : PRIORITY MESSAGE] WILL NEED AN APPLIANCE HERE URGENTLY AY
 12:16:01 [REDACTED] EARLY VALLEY RD
 12:16:25 Unit SELW9480 [KP : PRIORITY MESSAGE] ROLL4211 WILL NEED AN APPLIANCE HERE
 12:16:25 URGENTLY AY [REDACTED] EARLY VALLEY RD
 12:21:32 ** Cross Referenced to Event # F2246091 at: 14/02/17 12:21:32
 12:21:32 **
 12:56:52 ** Cross Referenced to Event # F2246142 at: 14/02/17 12:56:52
 12:56:52 **
 13:52:27 XXX
 13:53:12 CALL FROM GOVS STN THAT FIRE IN PROGRESSING DOWN TOWARD [REDACTED] MAIN RD FROM THE
 13:53:12 SUMMIT
 13:53:15 XX
 13:53:47 INFO PASSED TO LOGISTICS AND OPS MANAGER (DARRIN WOODS) AT SELWN EOC
 13:53:50 XXX
 13:53:59 1353 HOURS
 13:54:01 XXX
 14:09:30 Unit RFOSELW1 [K6 : ON TELEPAGER]
 14:41:31 Unit RFOSELW4 [K2 : IN ATTENDANCE AT INCIDENT]
 14:41:47 Unit RFOSELW4 [K6 : ON TELEPAGER]
 15:14:05 *
 15:14:29 RFO GRAHAM STILL ON SITE AT THE EOC - IS CONDUCTING INVESTIGATION INTO THE FIRE
 15:14:58 HIS DETAILS PASSED TO DETECTIVE CRAIG FARRANT - CIB
 15:15:00 *
 15:38:40 Unit RFOSELW3 [K6 : ON TELEPAGER]
 15:41:25 *
 15:42:51 Unit SELW9480 [COMCEN COM : MESSAGE] MESSAGE PASSED ABOUT [REDACTED] EARLY VALLEY RD
 15:43:28 Unit SELW9480 [SITREP :] ALL HELO ARE GROUNDED AT PRESENT - WILL PASS IT ON
 16:15:21 Unit SELW9480 [COMCEN COM : MESSAGE] SAYS FIRE HAS BROKEN OUT OF GULLY

COMING

16:15:21 INTO VALLEY ABOVE ADDRESS CAN SEE HELICOPTERS FIGHTING OTHER FIRE BEST ACCESS

16:15:21 POSSIBLY THROUGH [REDACTED] MAIN RD - ADDRESS IS ABOVE [REDACTED] MAIN RD GOVERNER BAY

16:15:35 End of Duplicate Event data

16:15:35 ** Cross Referenced to Event # F2246303 at: 14/02/17 16:15:35

16:15:35 **

16:42:55 ** Cross Referenced to Event # F2246327 at: 14/02/17 16:42:55

16:42:55 **

16:45:13 Unit SELW9480 [COMCEN COM : MESSAGE] BEEN CONTACTED BY ANGLECAN CHURCH - THEY

16:45:13 ARE CONCERNED FIRE GETTING CLOSE TO HISTORIC CHURCH BUILDING

16:45:32 Unit SELW9480 [SITREP :] WILL PASS IT ONTO CONTROLLER

16:45:51 ** Cross Referenced to Event # F2246325 at: 14/02/17 16:45:51

16:45:51 **

17:48:20 Unit REGION4B [K1 : PROCEEDING TO INCIDENT]

17:48:35 Unit WEST9511 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]

17:52:30 **

17:53:21 MRF TIM MITCHELL REQUESTS [REDACTED] TO CONTACT HIM ON [REDACTED]

17:55:53 **

17:56:15 [REDACTED] CONTACTED VIA CELL PHONE AND PATCHED TO MRF MITCHELL

17:56:17 **

18:08:38 Unit REGION4B [KC : UNIT CALLING]

18:09:39 Unit REGION4B [K2 : IN ATTENDANCE AT INCIDENT]

18:44:15 [REDACTED] EARLY VALLEY RD

18:49:16 Unit REGION4B [K4 : ON RT INSIDE NORMAL TURNOUT AREA]

18:56:40 Unit LINC411 [KC : UNIT CALLING]

18:57:03 Unit LINC411 [K10 : RECOMMISSIONING]

19:00:39 *****

19:01:15 Unit SELW9480 [COMCEN COM : MESSAGE] HAVE HAD A CALL FROM [REDACTED] EV RD..WHERE THE

19:01:15 HOUSE BURNT DOWN..HAVE A FLARE UP..HAS COME FROM A RESIDENT

19:01:53 *****

19:02:15 ** Cross Referenced to Event # F2246432 at: 14/02/17 19:02:15

19:02:15 **

19:14:10 Unit LINC4111 [SITREP :] THIS TANKER WILL BE ON SITE OVER NIGHT STAFFED RURAL COUNCIL STAFF.

19:14:10

20:18:03 Unit BURN9111 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]

21:16:56 Unit ROLL4211 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]

21:28:50 Unit RFOSELW2 [K2 : IN ATTENDANCE AT INCIDENT]

22:13:14 Unit RURALSCRF8 [K6 : ON TELEPAGER]

23:07:17 Unit RFOSELW2 [KC : UNIT CALLING]

03:30:51 Unit RFOSELW2 [KC : UNIT CALLING]

03:32:01 Unit RFOSELW2 [SITREP :] LINC4111 FULL OF WATER (FROM LINC CFO - CREW LEAVING STATION SHORTLY TO UPLIFT)

03:32:01

03:47:19 Unit LINC4111 [KC : UNIT CALLING]

03:48:02 Unit LINC4111 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]

06:41:50 ** Cross Referenced to Event # F2246650 at: 15/02/17 06:41:50

06:41:50 **
 06:43:07 Unit ADDI221 [K7 : AT NORMAL STATION]
 06:46:06 Unit SELW9480 [KC : UNIT CALLING]
 06:47:03 Unit SELW9480 [SITREP :] CREWS ON SCENE NOW
 06:47:18 ** Cross Referenced to Event # F2246653 at: 15/02/17 06:47:18
 06:47:18 **
 07:31:55 CALLED GOVERNORS BAY FIRE STATION AND ADVISED OF CALLS
 07:31:55 End of Duplicate Event data
 07:31:56 ** Cross Referenced to Event # F2246661 at: 15/02/17 07:31:56
 07:31:56 **
 07:32:08 ** Cross Referenced to Event # F2246659 at: 15/02/17 07:32:08
 07:32:08 **
 07:45:30 ** Cross Referenced to Event # F2246674 at: 15/02/17 07:45:30
 07:45:30 **
 08:01:45 *
 08:40:37 ...
 08:41:28 FIR2POL - FIRE HAVE REQUESTED YOUR ASSISTANCE WITH EVAC OF PEOPLE AT
 HALSWELL
 08:41:28 QUARRY PARK SO THEY CAN USE THE AREA FOR DIPPING
 09:34:16 ***
 09:34:33 SELW9480 CELLPHONE CONTACT [REDACTED]
 09:34:36 **
 09:51:01 Unit SELW9480 [COMCEN COM : MESSAGE] INFO RE FIRE AT 57 HOLMES RD PASSED ON
 09:51:27 ** Cross Referenced to Event # F2246771 at: 15/02/17 09:51:27
 09:51:27 **
 10:05:50 .
 10:06:03 SELW9480 UNABLE TO PROVIDE TANKERS TO HOLMES RD
 10:06:05 .
 11:04:39 PHYSICAL LOCATION IS OLD TAI TAPU RD 200M SOUTH OF EARLY VALLEY RD
 11:07:44 HELOS ARE STILL DIPPING FROM HALSWELL QUARRY AND POLICE ARE STILL REQUIRED
 12:10:29 Unit SOUTHCANT2 [K1 : PROCEEDING TO INCIDENT]
 12:21:19 Unit SELW9480 [KC : UNIT CALLING]
 12:32:00 Unit SOUTHCANT2 [KC : UNIT CALLING]
 12:33:14 Unit SOUTHCANT2 [SITREP :] WAS THE APPLIANCE THAT JUST PASSED ME
 ROLLESTON ?
 12:33:14 AFFIRM
 12:33:31 Unit SOUTHCANT2 [K2 : IN ATTENDANCE AT INCIDENT]
 13:00:07 Unit SELW9480 [KC : UNIT CALLING]
 13:01:01 Unit SOUTHCANT2 [SITREP :] HARE261 ARE STAYING HERE - EXTERNAL ALERT THEM
 FOR
 13:01:01 ANY PROPERTY PROTECTION IN THIS AREA
 13:21:34 .
 13:21:50 FROM AAC GREENYER, CAN THE TIMARU COMMAND UNIT BE RESPONDED TO THIS ICP
 13:21:51 .
 13:49:25 Unit TIMA8018 [K1 : PROCEEDING TO INCIDENT]
 13:50:24 Unit SELW9480 [KC : UNIT CALLING]
 13:50:53 Unit SELW9480 [K32 : ON RADIO TEST - HOW DO YOU RECEIVE]

14:19:15 Unit SELW9480 [KC : UNIT CALLING]
 14:28:13 Unit TIMA8018 [K1 : PROCEEDING TO INCIDENT]
 14:29:08 Unit SELW9480 [KC : UNIT CALLING]
 14:38:04 Unit TIMA8018 [K1 : PROCEEDING TO INCIDENT]
 14:41:55 Unit SELW9480 [KC : UNIT CALLING]
 14:43:58 Unit TIMA8018 [COMCEN COM : MESSAGE] CAN YOU RESPOND UNDER LIGHTS
 14:44:57 Unit TIMA8018 [KC : UNIT CALLING]
 14:46:42 Unit TIMA8018 [SITREP :] CELLPHONE DOESNT APPEAR TO BE WORKING, [REDACTED]
 14:46:42 WE CAN BE CALLED ON
 14:52:36 Unit SELW9480 [KC : UNIT CALLING]
 14:53:20 Unit SELW9480 [SITREP :] LEES4311 ON STANDBY FOR STRUCTURES
 14:58:51 Unit SELW9480 [KC : UNIT CALLING]
 15:04:17 Unit SELW9480 [KP : PRIORITY MESSAGE]
 15:13:49 Unit SELW9480 [KC : UNIT CALLING]
 15:16:24 Unit SELW9480 [KC : UNIT CALLING]
 15:27:35 Unit SELW9480 [KC : UNIT CALLING]
 15:37:07 Unit SELW9480 [KC : UNIT CALLING]
 15:43:47 Unit SELW9480 [KP : PRIORITY MESSAGE]
 15:44:00 -
 15:44:08 K11P EARLY VALLEY RD FOR EVACUATION
 15:46:08 Unit SELW9480 [KC : UNIT CALLING]
 15:46:30 RURAL FIRE SELWYN 2 AND ROLL427 RESPONDING FOR EVACUATION
 15:47:01 ** Event Type changed from FIR2POL to 1F(2) at: 15/02/17 15:47:01
 15:47:01 **
 15:51:40 Unit TIMA8018 [K2 : IN ATTENDANCE AT INCIDENT]
 16:00:14 *
 16:04:04 Unit WEST9571 [KC : UNIT CALLING]
 16:04:39 Unit WEST9571 [KC : UNIT CALLING]
 16:09:31 EASTERN VALLEY [REDACTED] CLEARERED GOING UP HILL TO [REDACTED]
 16:09:47 OTHER UNITS WORKING THE OTHER SIDE
 16:13:20 ** LOI search completed at 15/02/17 16:13:20
 16:15:38 Unit SELW9480 [KC : UNIT CALLING]
 16:16:08 ROLL427 AND HARE261 WORKING TO EVACUATE EARLY VALLEY RD
 16:16:31 Unit SELW9480 [SITREP :] AIR OPS STILL UNABLE TO DROP WATER ON ADVENTURE PARK
 16:16:31 CHAIRLIFT
 16:18:48 MESSAGE PASSED TO SUMMIT COMMAND
 16:20:07 Unit SELW9480 [KC : UNIT CALLING]
 16:20:58 Unit SELW9480 [SITREP :] ETA DARF691 1 MIN
 16:27:25 Unit SELW9480 [KC : UNIT CALLING]
 16:28:43 -
 16:28:44 -
 16:28:47 RESPOND POLICE FOR RUBBER NECKERS - NEED TO CLOSE RD
 16:28:51 [REDACTED] DOWNWARDS ALL CLEAR
 16:34:40 [REDACTED]
 16:56:25 LINCOLN EVENT CENTRE OPEN FOR DISPLACED PEOPLE

17:04:12 ** LOI search completed at 15/02/17 17:04:12
 17:04:12 ,
 17:04:31 CRP31 AT [REDACTED] OLD TAITAPU ROAD,
 17:09:56 CRP43 AT - [REDACTED] TAITAPU ROAD - CLEARING ADDRESS
 17:10:14 ** LOI search completed at 15/02/17 17:10:14
 17:20:57 SHEF711 AND PINE1911 EN ROUTE TO ICP
 17:28:38 @1728 - NIL POLICE STAFF CURRENTLY IN AREA
 17:28:59 SOME PEOPLE IN AREA REFUSING TO LEAVE
 17:29:00 ,
 17:39:53 Unit TIMA8018 [KC : UNIT CALLING]
 17:42:09 Unit TIMA8018 [K32 : ON RADIO TEST - HOW DO YOU RECEIVE] LOUD AND CLEAR
 17:49:02 [REDACTED] HAS NOW LEFT
 17:50:29 Unit TIMA8018 [KC : UNIT CALLING]
 17:51:07 Unit TIMA8018 [SITREP :] AAC GREENYER AT [REDACTED] EARLY VALLEY RD - [REDACTED]
 17:51:07 [REDACTED]
 18:01:07 Unit WEST9525 [KC : UNIT CALLING]
 18:49:05 Unit ROLL4226 [K38 : ASSOCIATE THIS UNIT TO EVENT - EVENT ADDRESS]
 18:49:09 Unit ROLL4226 [K39 : RE-TRANSMIT YOUR CURRENT STATUS]
 18:49:10 Unit ROLL4226 [K1 : PROCEEDING TO INCIDENT]
 18:51:24 Unit ROLL4226 [K2 : IN ATTENDANCE AT INCIDENT]
 18:52:10 Unit SHEF711 [K2 : IN ATTENDANCE AT INCIDENT]
 18:52:11 Unit WEST9571 [K2 : IN ATTENDANCE AT INCIDENT]
 18:54:02 POLICE AT CORDON ASKING IF RESIDENTS CAN RETURN TO EARLY VALLEY ROAD,
 EARLY
 18:54:02 VALLEY ROAD COMMAND UNAWARE,
 18:54:22 RANG EOC SELWYN WHO ADVISES NO RESIDENTS TO RETURN TO EARLY VALLEY RD
 18:54:28 POLICE ADVISED
 18:54:35 Unit SHEF711 [KC : UNIT CALLING]
 18:54:43 Unit SHEF711 [KC : UNIT CALLING]
 19:00:20 Unit SHEF711 [SITREP :] WE HAVE GOT A WATER SUPPLY SO WE ARE ALL GOOD - WE
 ARE
 19:00:20 GOING BACK TO [REDACTED] HAPPY VALLEY RD
 19:05:48 Unit SOUTHCANT2 [KC : UNIT CALLING]
 19:07:34 Unit SOUTHCANT2 [SITREP :] I AM LEAVING THE EARLY VALLEY COMMAND UNIT TO
 HEAD
 19:07:34 BACK TO TIMARU AND I WILL RETURN IN THE MORNING
 19:14:56 Unit WEST9525 [KC : UNIT CALLING]
 19:15:41 Unit WEST9525 [SITREP :] JUST WONDERING IF WE ARE ABLE TO GET A VISUAL FROM A
 19:15:41 HELI FOR [REDACTED] EARLY VALLEY RD - HEAR THE FIRE IS COMING THROUGH AND THE
 CHOPPERS
 19:15:41 ARE FLYING ABOVE IT
 19:16:12 **
 19:18:12 **
 19:18:38 CREWS ON SCENE REQUEST VISUAL FROM HELI FOR [REDACTED] EARLY VALLEY RD - HEAR THE
 FIRE
 19:18:38 IS COMING THROUGH AND THE CHOPPERS
 19:25:27 Unit SOUTHCANT2 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 19:40:17 Unit WEST9571 [KC : UNIT CALLING]

19:40:54 Unit WEST9571 [SITREP :] [REDACTED] EARLY VALLEY - RD - THOSE CHOPPERS ARE DOING
 19:40:54 EXTACTLY WHAT WE WANT - THANK YOU
 19:56:41 Unit LINCCFO [K2 : IN ATTENDANCE AT INCIDENT]
 19:59:27 Unit LINCCFO [SITREP :] I AM NOW AT EARLY VALLEY COMMAND
 20:09:25 Unit TIMA8018 [KC : UNIT CALLING]
 20:14:25 .
 20:14:31 CASHMERE/SUTHERLANDS ROAD
 20:14:33 PEOPLE IN AREA
 20:14:41 FIRE HEADING TOWARDS THEM
 20:14:59 .
 20:15:37 CRP44 10/2 THIS LOCATION TO MOVE THEM ON
 20:23:56 Unit SHEF711 [KC : UNIT CALLING]
 20:25:58 .
 20:26:34 Unit SHEF711 [SITREP :] WE ARE AT [REDACTED] EARLY VALLEY RD - WE CAN SEE THE FLAMES
 20:26:34 COMING UP THROUGH THE TREES - DO YOU WANT US TO MOVE TO THE SOUTH EAST
 20:26:34 AND
 20:26:34 CONTINUE TO PROTECT THE HOUSES - [UP TO YOU POSITIONING OF YOUR APPLIANCE]
 20:26:34 - ACK
 20:26:34 WE WILL GO ABOUT 3 HOUSES UP
 20:43:10 Unit SHEF711 [KC : UNIT CALLING]
 20:43:37 Unit SHEF711 [SITREP :] HAVE MOVED TO [REDACTED] ON THAT ROAD - FIRE IS REALLY
 20:43:37 BREAKING UP ON TOP OF THE HILL
 20:46:04 Unit SHEF711 [COMCEN COM : MESSAGE] WE NEED 1 MORE TANKER - WE HAVE LEFT A
 20:46:04 CONE
 20:46:04 - WE HAVE A TANKER COMING BACK
 20:49:56 Unit SHEF711 [KC : UNIT CALLING]
 20:50:45 Unit SHEF711 [SITREP :] WE HAVE HAD A GOOD LOOK AT THAT BRIDGE - IT IS TOO
 20:50:45 SUSPECT FOR THEM TO COME OVER - THEY WOULD HAVE TO STOP ON THEIR SIDE AND
 20:50:45 NOT GO
 20:50:45 OVER THE BRIDGE
 20:52:31 AL: PAGING ACK RECEIVED FROM STATION 3573 at 15/02/17 20:52:31
 20:55:50 Unit SHEF711 [KC : UNIT CALLING]
 20:56:58 Unit RANG7611 [K1 : PROCEEDING TO INCIDENT]
 20:57:00 Unit LEES4311 [K2 : IN ATTENDANCE AT INCIDENT]
 20:57:04 Unit RANG7611 [K1 : PROCEEDING TO INCIDENT]
 20:57:09 Unit LEES4311 [SITREP :] WE ARE ON EARLY VALLEY RD NOW
 20:58:04 Unit HORO7311 [K1 : PROCEEDING TO INCIDENT]
 20:58:59 *
 20:59:19 FROM EARLY VALLEY COMMAND WE HAVE SOME RURAL UNITS HEADING TO EARLY
 20:59:19 VALLEY ROAD
 20:59:19 NOW
 20:59:20 *
 21:00:44 Unit HORO7311 [KC : UNIT CALLING]
 21:00:46 Unit HORO7311 [COMCEN COM : MESSAGE] SOMEONE WILL MEET YOU AT THE
 21:00:46 GATE....DONT
 21:00:46 GO DOWN THE DRIVEWAY AS YOU MAY NOT BE ABLE TO TURN ROUND
 21:01:11 Unit HORO7311 [K35 : VERIFY ADDRESS OF EVENT] [REDACTED] EARLY VALLEY RD
 21:03:22 ##
 21:03:24 Unit RANG7611 [KC : UNIT CALLING]

21:04:38 Unit RANG7611 [K35 : VERIFY ADDRESS OF EVENT] ■■■
 21:06:54 MARK BOER ADVISES FIRE HAS JUMPED DYERS PASS RD, ANY CREWS USING DYERS PASS RD
 21:06:54 MUST WEAR BA. ADVISE EARLY VALLEY COMMAND VICTORIA PARK IS BEING EVACUATED
 21:06:59 @@
 21:15:54 Unit SELW9480 [COMCEN COM : MESSAGE] PASSED ABOVE MESSAGE FROM AC BOERE
 21:33:19 Unit RANG7611 [KC : UNIT CALLING]
 21:33:49 Unit RANG7611 [SITREP :] JUST TURNING ON TO EARLY VALLEY RD AS REQ DURING
 21:33:49 TURNOUT
 21:35:29 Unit RANG7611 [K2 : IN ATTENDANCE AT INCIDENT]
 21:35:35 Unit RANG7611 [K2 : IN ATTENDANCE AT INCIDENT]
 21:40:31 Unit HORO7311 [K2 : IN ATTENDANCE AT INCIDENT]
 23:42:38 Unit RFOSELW2 [KC : UNIT CALLING]
 23:43:52 Unit RFOSELW2 [SITREP :] COULD YOU PLEASE CALL UP ADDINGTON AND DISPATCH THEM
 23:43:52 FROM WHERE THEY ARE AT ■■■ OLD TAI TAP RD AND GET THEM TO HEAD ROUND TO WORSLEYS
 23:43:52 RD
 23:48:00 Unit RFOSELW2 [KC : UNIT CALLING]
 23:48:43 Unit RFOSELW2 [SITREP :] MY APOLOGIES - IT WAS HARE261 - THEY ARE AT ■■■ OLD
 23:48:43 TAI TAP RD - GET THEM TO REDEPLO TO WORSLEYS RD
 23:56:18 Unit LEES4311 [K2 : IN ATTENDANCE AT INCIDENT]
 23:57:07 Unit LEES4311 [KC : UNIT CALLING]
 23:57:35 Unit LEES4311 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 00:20:16 Unit RANG7611 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 00:38:07 Unit TIMA8018 [KC : UNIT CALLING]
 00:39:48 Unit WEST7311 [K7 : AT NORMAL STATION]
 00:39:55 Unit TIMA8018 [SITREP :] WE HAVE ON THE FIREGROUND - WEST9571 WEST9511,
 00:39:55 SHEFF711, LINC411, HORO7311
 00:40:21 Unit WEST9511 [K2 : IN ATTENDANCE AT INCIDENT]
 01:17:31 CRP43 10.0 - UNIT WITH CCDJ14 TAKING OVER
 01:45:53 Unit TIMA8018 [KC : UNIT CALLING]
 01:47:37 Unit TIMA8018 [SITREP :] COULD WE HAVE POWER AUTH - ■■■ OLD TAI TAP RD - TO
 01:47:37 ASCERTAIN SAFETY OF POWER CABLES DROOPING OVER ACCESS WAY
 01:50:28 Unit TIMA8018 [COMCEN COM : MESSAGE] I HAVE JUST EMAILED YOU AN UPDATED LIST OF
 01:50:28 APPLIANCES - BE ADV THAT LINC417 IS RESPONDING TO REPLACE SOCK257
 01:50:38 .
 01:50:43 DISREGARD ABOVE
 01:50:44 .
 01:51:11 ##
 01:55:13 Unit HORO7311 [KC : UNIT CALLING]
 01:56:52 Unit VICT1811 [K2 : IN ATTENDANCE AT INCIDENT]
 01:57:33 Unit HORO7311 [COMCEN COM : MESSAGE] ARE YOU TRYING TO CONTACT VICTORIA PARK ?
 01:57:51 Unit HORO7311 [COMCEN COM : MESSAGE] AFFIRM - JUST TRYING TO CONFIRM THEIR
 01:57:51 CURRENT LOCATION
 01:58:21 Unit HORO7311 [SITREP :] ACK - I CAN'T FIGURE OUT THEIR RADIO - BUT THEY ARE

01:58:21 WITH US HERE AT [REDACTED] EARLY VALLEY RD - EARLY VALLEY COMMAND
02:21:29 Unit TIMA8018 [KC : UNIT CALLING]
02:22:32 Unit TIMA8018 [SITREP :] CAN YOU GET RMA BALMER TO CONTACT US BY PHONE
02:25:37 **
02:25:59 EARLY VALLEY COMMAND PATCHED TO MICHAEL BALMER
02:26:01 **
02:30:13 Unit TIMA8018 [KC : UNIT CALLING]
02:31:15 Unit TIMA8018 [SITREP :] POINT WILL BE SHUTTING DOWN AND RETURNING TO CITY
02:31:15 STATION
02:39:04 Unit LINCCFO [K6 : ON TELEPAGER]
02:53:23 Unit TIMA8018 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
02:58:44 Unit SHEF711 [KC : UNIT CALLING]
03:00:27 Unit SHEF711 [SITREP :] WE HAVE [REDACTED] EARLY VALLEY RD - THE FIRE IS AT THE BACK
03:00:27 OF THE SHED UP HERE - I DON'T THINK THERE IS A COMMAND CENTRE SETUP ANY
MORE -
03:00:27 WE NEED SOMEONE TO COME UP - RURAL
03:00:32 Unit RFOSELW2 [KC : UNIT CALLING]
03:01:28 Unit RFOSELW2 [SITREP :] I THINK I CUT OVER YOU - IS THAT [REDACTED] EARLY VALLEY RD
03:01:54 Unit RFOSELW2 [COMCEN COM : MESSAGE] AFFIRM - SHEFF711 IS AT EARLY VALLEY RD -
03:01:54 FIRE AT THE BACK OF THE SHED - THEY WANT SOMEONE TO ATTEND RURAL
03:02:10 Unit RFOSELW2 [SITREP :] ACK - I'M HERE - I'LL GO UP
03:34:27 Unit RFOSELW2 [KC : UNIT CALLING]
03:35:58 Unit RFOSELW2 [SITREP :] JUST WANTED TO GIVE YOU A SITREP FOR WHERE SHEFF711
03:35:58 ARE - FIRE BEHIND THE SHED - THEY HAVE SAVED ANOTHER STRUCTURE
03:38:03 Unit RFOSELW2 [KC : UNIT CALLING]
03:38:38 Unit RFOSELW2 [SITREP :] [REDACTED] EARLY VALLEY RD - WHERE SHEFF WERE - THEY HAVE
03:38:38 MANAGED TO SAVE THE FIRE BEHIND THE SHED AND SAVE THE STRUCTURE
04:05:32 Unit RFOSELW2 [KP : PRIORITY MESSAGE]
04:05:57 Unit RFOSELW2 [SITREP :] WRONG BUTTON
04:50:30 Unit SHEF711 [KC : UNIT CALLING]
04:51:16 Unit SHEF711 [SITREP :] WE HAVE JUST BEEN RELEASED FROM THE FIREGROUND AT
04:51:16 EARLY VALLEY RD - WE WILL GO K22-1 AND HEAD HOME
04:59:16 Unit SHEF711 [KC : UNIT CALLING]
05:05:34 Unit SHEF711 [SITREP :] CAN YOU CONTACT US BY PHONE
05:16:45 Unit SHEF711 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
05:31:42 Unit HORO7311 [KC : UNIT CALLING]
05:32:52 Unit HORO7311 [SITREP :] VICT1811 OUTSIDE [REDACTED] EARLY VALLEY RD HAS A FLAT
05:32:52 BATTERY
05:34:23 Unit RFOSELW2 [COMCEN COM : MESSAGE] VICT1811 OUTSIDE [REDACTED] EARLY VALLEY RD
05:34:23 HAS A
05:34:23 FLAT BATTERY CAN YOU ASSIST? [WERE LOOKING FOR JUMP LEADS]
05:48:58 Unit HORO7311 [KC : UNIT CALLING]
05:49:24 Unit HORO7311 [K22-1 : UNIT AVAILABLE FOR A FURTHER EVENT]
05:54:35 *
05:54:49 TIMA801 WILL BE ATTENDING APPROX 08:00
05:55:19 Unit RURALSCRF2 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
05:59:18 Unit RURALSCRF2 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]

05:59:26 Unit SOUTHCANT2 [K1 : PROCEEDING TO INCIDENT]
 06:15:10 Unit HORO7311 [K22-1 : UNIT AVAILABLE FOR A FURTHER EVENT]
 06:20:00 Unit RFOSELW4 [K1 : PROCEEDING TO INCIDENT]
 06:38:51 Unit SOUTHCANT2 [K1 : PROCEEDING TO INCIDENT]
 07:10:23 JUST TO THE EAST OF THE DOME ON THE ROCK FACE
 07:10:23 CALLER CAN SEE SOME HELOS DUMPING WATER NEARBY BUT NOT AT THIS FIRE
 07:10:23 ** Event held for 180 minutes
 07:10:23 ** Event held for 120 minutes
 07:10:23 INC INFO: FIRE ALLANDALE SIDE
 07:10:23 ** Event held for 373 minutes
 07:10:23 ** Event held for 255 minutes
 07:10:23 ** Event held for 360 minutes
 07:10:23 ** Event held for 300 minutes
 07:10:25 End of Duplicate Event data
 07:10:25 ** Cross Referenced to Event # F2245723 at: 16/02/17 07:10:25
 07:10:25 **
 07:14:51 ** Cross Referenced to Event # F2247164 at: 16/02/17 07:14:51
 07:14:51 **
 07:15:39 ** Cross Referenced to Event # F2247216 at: 16/02/17 07:15:39
 07:15:39 **
 07:41:29 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]
 07:48:03 Unit HURU0977 [K1 : PROCEEDING TO INCIDENT]
 07:51:36 Unit HURU0977 [K1 : PROCEEDING TO INCIDENT]
 07:52:04 Unit HURU0977 [K2 : IN ATTENDANCE AT INCIDENT]
 07:53:57 Unit TIMA8029 [K1 : PROCEEDING TO INCIDENT]
 07:55:23 Unit HORO7311 [KC : UNIT CALLING]
 07:55:32 Unit HORO7311 [KC : UNIT CALLING]
 07:56:44 Unit TIMA802 [K1 : PROCEEDING TO INCIDENT]
 07:57:25 Unit TIMA8018 [K7 : AT NORMAL STATION]
 07:57:55 Unit TIMA8018 [K9 : OFF RT - STATE LOCATION]
 08:02:03 Unit TIMA8018 [K1 : PROCEEDING TO INCIDENT]
 08:06:34 Unit SOUTHCANT2 [K2 : IN ATTENDANCE AT INCIDENT]
 08:24:26 Unit TIMA8018 [K2 : IN ATTENDANCE AT INCIDENT]
 08:34:36 Unit TIMA8018 [KC : UNIT CALLING]
 08:34:48 Unit TIMA8018 [KC : UNIT CALLING]
 08:41:21 Unit TIMA802 [K1 : PROCEEDING TO INCIDENT]
 08:41:25 Unit TIMA8018 [KC : UNIT CALLING]
 08:42:18 Unit TIMA8018 [SITREP :] RFO REQUEST POLICE ATTEND FOR AN ESCORT TO PROCEED
 08:42:18 SOMEWHERE
 08:50:58 Unit TIMA802 [COMCEN COM : MESSAGE] YOU HAVE NOW BEEN REQUESTED TO
 RESPOND TO
 08:50:58 CHCH CITY STATION
 08:52:17 Unit SOUTHCANT2 [SITREP :] GET TIMA802 TO RESPOND TO CITY STATION NOT
 08:52:17 REQUIRED AT EARLY VALLEY COMAND
 08:55:26 Unit RFOSELW4 [K2 : IN ATTENDANCE AT INCIDENT]
 09:32:52 Unit TIMA8018 [COMCEN COM : MESSAGE] ALL APPLIANCES UNDER YOUR DIRECTION TO
 BE

09:32:52 ADVISED POWER IS ON HIGH KVA AND TRANSFORMER REMAIN 20 MTRS AWAY
 09:34:02 Unit TIMA802 [K1 : PROCEEDING TO INCIDENT]
 09:48:49 Unit TIMA802 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 10:13:05 Unit TIMA8029 [K2 : IN ATTENDANCE AT INCIDENT]
 10:46:34 ** Cross Referenced to Event # P028523673 at: 16/02/17 10:46:34
 10:46:34 **
 13:32:33 Unit TIMA8029 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 14:29:56 Unit HORO7311 [K2 : IN ATTENDANCE AT INCIDENT]
 14:35:52 Unit TIMA8018 [KC : UNIT CALLING]
 14:37:10 Unit TIMA8018 [KC : UNIT CALLING]
 14:37:36 Unit TIMA8018 [SITREP :] RESPOSTIONING TO SIGN OF THE KIWI
 14:44:11 Unit TIMA8018 [COMCEN COM : MESSAGE] BE ADVIED SENDING 401 417 TO ■ EARLY
 14:44:11 VALLEY RD HOUSE FIRE
 14:44:29 Unit TIMA8018 [KC : UNIT CALLING]
 14:45:47 Unit RFOSELW2 [KC : UNIT CALLING]
 14:45:55 Unit RFOSELW2 [KC : UNIT CALLING]
 14:46:03 Unit RFOSELW2 [KC : UNIT CALLING]
 14:46:40 Unit SOUTHCANT2 [KC : UNIT CALLING]
 14:51:43 Unit TIMA8018 [SITREP :] DO YOU HAVE A 4 WD TANKER AVAILABLE TO GO TO
 KENNEDYS
 14:51:43 BUSH RD
 14:54:51 Unit TIMA8018 [KC : UNIT CALLING]
 14:56:44 Unit TIMA8018 [KC : UNIT CALLING]
 14:58:54 Unit TIMA8018 [COMCEN COM : MESSAGE] UNABLE TO CONTACT SECTOR COMMAND FOR
 4WD
 14:58:54 TANKER
 14:58:55 Unit TIMA8018 [KC : UNIT CALLING]
 14:59:45 Unit TIMA8018 [SITREP :] WE HAVE CREW HEADING TOWARDS 4WD TANKER WILL
 14:59:45 CONTACT ONCE ON BOARD
 15:02:01 Unit WEST9571 [KC : UNIT CALLING]
 15:05:00 Unit SOUTHCANT2 [SITREP :] [BY PHONE] TIMA8018 RELOCATING TO SIGN OF THE KIWI
 15:06:08 COVERING UNIT LINC417 DISPATCHED TO STATION SOCKBURN AT
 15:06:08 D0730062
 15:13:09 Unit TIMA8018 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 15:19:27 Unit SCAR9225 [K2 : IN ATTENDANCE AT INCIDENT]
 15:28:23 Unit SOUTHCANT2 [K6 : ON TELEPAGER]
 15:48:55 Unit SELW9480 [KC : UNIT CALLING]
 15:49:03 Unit SELW9480 [KC : UNIT CALLING]
 16:17:12 Unit SELW9480 [COMCEN COM : MESSAGE] DO YOU KNOWN ABOUT THE FLARE UP AT
 THE END
 16:17:12 EARLY VALLEY RD ...
 16:18:16 Unit SELW9480 [SITREP :] DONT KNOW ABOUT IT PERSONNALLY ... BUT I AM SURE AIR
 16:18:16 OPS WILL CHECK IT OUT AIR OPS HAVING A LOOK AT IT NOW
 16:26:44 Unit HURU0977 [KC : UNIT CALLING]
 16:31:48 Unit HURU0977 [KP : PRIORITY MESSAGE]
 16:40:12 ** ELOI search completed at 16/02/17 16:15:10 - 1 result
 16:40:12 ** LOI search completed at 16/02/17 16:15:13

16:40:12 AIR OPS LOOKING AT IT NOW FROM EARLY VALLEY OPS SELW9480

16:40:12 ** Cross Referenced to Event # F2247998 at: 16/02/17 16:18:59

16:40:12 **

16:40:13 End of Duplicate Event data

16:40:14 ** Cross Referenced to Event # F2248003 at: 16/02/17 16:40:14

16:40:14 **

16:40:50 FROM RFO WAIMAK 1 CHECKED FIRE NSOF NABB

17:45:48 Unit SELW9480 [COMCEN COM : MESSAGE] DO YOU REQUIRE HORO7311 (WILL CHECK WITH SECTOR SUPERVISOR

17:46:13 Unit SELW9480 [KC : UNIT CALLING]

17:47:46 Unit SELW9480 [SITREP :] HORO7311 TO REPORT TO STAGING AREA WHEN READY

18:01:10 Unit HORO7311 [KC : UNIT CALLING]

18:16:17 AMBO EVENT 0362-3-2017/02/16-FIR LINKED AT 16/02/2017 18:16:18

18:17:02 AMBO update to 0362-3-2017/02/16-FIR:

18:17:04 Location = Early Valley Rd,LANSDOWNE,

18:17:05 Caller Name = COXCO HOLDINGS LIMITED, Caller Address = TELECOM CELLULAR 027, BLENHEIM, MARLBOROUGH DISTRICT, Caller Phone = [REDACTED], Headline = SCRUB FIRE

18:17:05 EXTERNAL EVENT CLOSED BY EXTERNAL AGENCY

18:17:09 Problem changed to: NOTIFICATION - Notification

18:22:58 ** Cancel Event:Event Canceled by InterCAD

18:22:58 Incident Closed. Reason: 015 COMMS Duplicate Call

18:34:09 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]

18:48:06 Unit HORO7311 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]

18:58:44 Unit SELW9480 [KC : UNIT CALLING]

18:59:49 Unit SELW9480 [COMCEN COM : MESSAGE] WE HAVE HAD A CALL STATING SMOKE SHOWING FROM THE NICHOLSON PROPERTY - AT THE VERY END OF EARLY VALLEY RD - DO YOU HAVE ANY UNITS IN THAT AREA TO INV

18:59:49 Unit SELW9480 [SITREP :] OUR SECTOR SUPERVISOR IS ON TOP OF THAT AND ASSESSING THE SITUATION FROM THE AIR

19:33:08 ** Cross Referenced to Event # F2248086 at: 16/02/17 19:33:08

19:33:08 **

19:41:26 Unit RFOSELW4 [K6 : ON TELEPAGER]

19:52:29 Unit SCAR9225 [KC : UNIT CALLING]

19:53:02 Unit SCAR9225 [SITREP :] WE HAVE LEFT THE FIRE AND ARE STAYING AT BURNHAM CAMP TONIGHT

19:53:10 Unit SCAR9225 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]

20:04:41 Unit BOTT1711 [K7 : AT NORMAL STATION]

20:18:34 Unit SELW9480 [KC : UNIT CALLING]

20:20:59 Unit SELW9480 [SITREP :] LETTING YOU KNOW WE ARE POWERING DOWN OUR VEH AND MOVING TO OUR NEW SITE - HALSWELL QUARRY

20:21:40 Unit WEST9511 [K2 : IN ATTENDANCE AT INCIDENT]

20:23:34 Unit SELW9480 [KC : UNIT CALLING]

20:23:37 Unit WEST9511 [K2 : IN ATTENDANCE AT INCIDENT]
 20:23:39 Unit RURALCHCH3 [K7 : AT NORMAL STATION]
 20:23:45 Unit WEST9511 [K2 : IN ATTENDANCE AT INCIDENT]
 20:25:26 Unit SELW9480 [COMCEN COM : MESSAGE] BEFORE YOU LEAVE - CAN YOU CONFIRM THE
 20:25:26 APPLIANCES IN ATTENDANCE
 20:30:23 Unit RFOSELW2 [SITREP :] THIS APPLIANCE IS BEING USED A S TROOP CARRIER -
 20:30:23 SELW9475 -SELW9476 - WEST9525 AND VICT1811 ARE IN ATTENDANCE
 22:40:04 Unit WEST9525 [KC : UNIT CALLING]
 22:41:31 Unit WEST9525 [COMCEN COM : MESSAGE] NOTHING HEARD
 01:07:13 Unit WEST9511 [K2 : IN ATTENDANCE AT INCIDENT]
 05:27:12 Unit BOTT1711 [K1 : PROCEEDING TO INCIDENT]
 05:27:14 Unit BOTT1711 [K38 : ASSOCIATE THIS UNIT TO EVENT - EVENT ADDRESS]
 06:01:53 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]
 06:07:29 Unit SWAN1725 [K1 : PROCEEDING TO INCIDENT]
 06:37:13 Unit SWAN1725 [K2 : IN ATTENDANCE AT INCIDENT]
 06:39:36 Unit BURN9111 [K2 : IN ATTENDANCE AT INCIDENT]
 07:30:37 Unit SCAR9225 [K38 : ASSOCIATE THIS UNIT TO EVENT - EVENT ADDRESS]
 07:30:42 Unit SCAR9225 [K39 : RE-TRANSMIT YOUR CURRENT STATUS]
 07:31:14 Unit SCAR9225 [K1 : PROCEEDING TO INCIDENT]
 07:32:01 Unit SCAR9225 [K2 : IN ATTENDANCE AT INCIDENT]
 07:40:27 Unit BURN9160 [K2 : IN ATTENDANCE AT INCIDENT]
 07:40:29 Unit BURN9160 [K2 : IN ATTENDANCE AT INCIDENT]
 07:40:42 Unit BURN9160 [K2 : IN ATTENDANCE AT INCIDENT]
 07:41:09 Unit BURN9160 [K2 : IN ATTENDANCE AT INCIDENT]
 07:41:56 Unit HURU0977 [K2 : IN ATTENDANCE AT INCIDENT]
 07:59:00 Unit PEEL5211 [K2 : IN ATTENDANCE AT INCIDENT]
 09:20:11 Unit WEST9571 [K2 : IN ATTENDANCE AT INCIDENT]
 09:55:52 Unit SELW9480 [SITREP :] CAN WE HAVE A SITREP
 09:58:28 Unit SELW9480 [SITREP :] YOU WILL HAVE TO GO THROUGH THE SELWYN EOC
 10:10:35 Unit BOTT1760 [K2 : IN ATTENDANCE AT INCIDENT]
 10:41:39 Unit HIND9311 [K2 : IN ATTENDANCE AT INCIDENT]
 10:41:40 Unit SPRI7411 [K2 : IN ATTENDANCE AT INCIDENT]
 13:25:53 Unit CLAN5311 [K2 : IN ATTENDANCE AT INCIDENT]
 16:59:06 Unit SCAR9225 [KC : UNIT CALLING]
 16:59:32 Unit SCAR9225 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 17:09:42 Unit SELW9476 [K7 : AT NORMAL STATION]
 17:21:58 Unit WEST9511 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 17:31:21 Unit WEST9571 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 17:43:09 Unit BURN9111 [KC : UNIT CALLING]
 17:43:36 Unit BURN9111 [SITREP :] WE ARE LEAVING SCENE
 17:51:32 Unit BURN9111 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 18:54:06 Unit HURU0977 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 19:13:09 Unit SWAN1725 [K7 : AT NORMAL STATION]
 19:24:31 Unit CLAN5311 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 19:45:01 Unit HIND9311 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 20:15:21 Unit BOTT1711 [K7 : AT NORMAL STATION]

20:25:54 Unit RFOSELW2 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 21:14:13 Unit PEEL5211 [K7 : AT NORMAL STATION]
 21:38:16 ** Cross Referenced to Event # F2248734 at: 17/02/17 21:38:16
 21:38:16 **
 21:39:02 ** Cross Referenced to Event # F2248844 at: 17/02/17 21:39:02
 21:39:02 **
 05:24:49 Unit ARTH9625 [K1 : PROCEEDING TO INCIDENT]
 05:24:50 Unit HIND9311 [K1 : PROCEEDING TO INCIDENT]
 05:24:50 Unit LAUR8871 [K1 : PROCEEDING TO INCIDENT]
 05:24:51 Unit PEND8911 [K1 : PROCEEDING TO INCIDENT]
 05:25:02 ++++++
 05:26:13 ARTH9625, LAUR8871, HIND9311, PEND8911 WERE ATTACHED TO THE WRONG INCIDENT
 05:26:13 (F2247149) SO THERE K1 TIME IS INCORRECT
 05:26:16 ++++++
 05:27:48 Unit ASHB9011 [K1 : PROCEEDING TO INCIDENT]
 05:27:57 Unit BOTT1711 [K1 : PROCEEDING TO INCIDENT]
 05:31:53 Unit ASHB622 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 05:49:32 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]
 06:00:31 Unit ARTH9625 [K2 : IN ATTENDANCE AT INCIDENT]
 06:06:30 Unit PEND8911 [K2 : IN ATTENDANCE AT INCIDENT]
 06:06:39 Unit PEND8911 [K2 : IN ATTENDANCE AT INCIDENT]
 06:06:42 Unit PEND8911 [K2 : IN ATTENDANCE AT INCIDENT]
 06:06:56 Unit PEND8911 [K2 : IN ATTENDANCE AT INCIDENT]
 06:40:27 Unit ASHB9011 [K2 : IN ATTENDANCE AT INCIDENT]
 07:56:14 Unit LAUR8871 [K2 : IN ATTENDANCE AT INCIDENT]
 09:20:53 Unit HIND9311 [K2 : IN ATTENDANCE AT INCIDENT]
 19:30:28 Unit ARTH9625 [KC : UNIT CALLING]
 19:32:07 Unit ARTH9625 [K2 : IN ATTENDANCE AT INCIDENT]
 19:32:15 Unit ARTH9625 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 19:32:34 Unit ARTH9625 [K0 : NOT AVAILABLE] WILL BE IN CHCH OVERNIGHT 18/02
 19:38:39 Unit LAUR8871 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 19:46:43 Unit HIND9311 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 19:56:58 Unit PEND8911 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 20:25:31 Unit BOTT1711 [K7 : AT NORMAL STATION]
 21:04:58 Unit ASHB9011 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 04:49:50 Unit PEEL5211 [K1 : PROCEEDING TO INCIDENT] (ENTERED BY FIRECOM)
 04:52:47 Unit SCAR9225 [K1 : PROCEEDING TO INCIDENT]
 04:58:54 Unit HURU0977 [KC : UNIT CALLING]
 04:59:24 Unit HURU0977 [SITREP :] CAN YOU PLEASE PUT US K1 TO THIS CALL
 04:59:38 Unit HURU0977 [K1 : PROCEEDING TO INCIDENT] (ENTERED BY FIRECOM)
 05:04:22 Unit HIND9311 [K1 : PROCEEDING TO INCIDENT]
 05:06:18 Unit PEND8911 [K1 : PROCEEDING TO INCIDENT]
 05:08:48 Unit LAUR8871 [K1 : PROCEEDING TO INCIDENT]
 05:25:06 Unit ASHB9011 [K1 : PROCEEDING TO INCIDENT]
 05:26:06 Unit BOTT1711 [K1 : PROCEEDING TO INCIDENT]
 05:28:41 Unit AMBE4825 [K1 : PROCEEDING TO INCIDENT]

05:32:08 Unit BOTT1711 [KC : UNIT CALLING]
 05:33:04 Unit BOTT1711 [SITREP :] PUSHED IN ERROR
 05:39:20 Unit PEEL5211 [K1 : PROCEEDING TO INCIDENT]
 05:50:44 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]
 05:53:13 Unit ARTH9625 [K1 : PROCEEDING TO INCIDENT]
 06:13:06 Unit LAUR8871 [K2 : IN ATTENDANCE AT INCIDENT]
 06:14:48 Unit PEND8911 [K2 : IN ATTENDANCE AT INCIDENT]
 06:15:16 Unit ARTH9625 [K2 : IN ATTENDANCE AT INCIDENT]
 06:27:05 Unit HURU0977 [KC : UNIT CALLING]
 06:27:57 Unit SCAR9225 [K2 : IN ATTENDANCE AT INCIDENT]
 06:28:55 Unit HURU0977 [K2 : IN ATTENDANCE AT INCIDENT]
 07:40:38 Unit HIND9311 [K2 : IN ATTENDANCE AT INCIDENT]
 08:05:41 Unit OXFO7911 [K7 : AT NORMAL STATION]
 08:20:13 Unit PEEL5211 [K2 : IN ATTENDANCE AT INCIDENT]
 08:35:11 Unit AMBE4825 [K2 : IN ATTENDANCE AT INCIDENT]
 09:42:35 Unit ASHB9011 [K2 : IN ATTENDANCE AT INCIDENT]
 16:53:56 Unit SCAR9225 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 19:29:04 Unit HURU0977 [KC : UNIT CALLING]
 19:29:55 Unit AMBE4825 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 19:29:57 Unit HURU0977 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 20:05:11 Unit PEND8911 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 20:05:37 Unit BOTT1711 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 20:18:51 Unit LAUR8871 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 20:23:14 Unit ASHB9011 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 20:48:49 Unit HIND9311 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 23:59:11 Unit HARE261 [K2 : IN ATTENDANCE AT INCIDENT]
 23:59:30 AL: PAGING ACK RECEIVED FROM STATION 3426 at 19/02/17 23:59:30
 02:07:16 Unit HARE261 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 04:14:57 Unit TEMU8629 [K1 : PROCEEDING TO INCIDENT]
 04:15:09 Unit AORA5475 [K1 : PROCEEDING TO INCIDENT]
 05:03:07 Unit HURU0977 [K1 : PROCEEDING TO INCIDENT]
 05:03:41 Unit RANG5111 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 05:04:12 Unit RANG5111 [K1 : PROCEEDING TO INCIDENT]
 05:10:19 Unit LAUR8871 [K1 : PROCEEDING TO INCIDENT]
 05:15:34 Unit BOTT1711 [K1 : PROCEEDING TO INCIDENT]
 05:22:07 Unit AORA5475 [K1 : PROCEEDING TO INCIDENT]
 05:22:18 Unit AORA5475 [K1 : PROCEEDING TO INCIDENT]
 05:23:30 Unit METH6329 [K1 : PROCEEDING TO INCIDENT]
 05:28:53 Unit TEMU8629 [K1 : PROCEEDING TO INCIDENT]
 05:45:07 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]
 06:04:58 Unit ALFO8611 [K2 : IN ATTENDANCE AT INCIDENT]
 06:10:03 Unit AORA5475 [K2 : IN ATTENDANCE AT INCIDENT]
 06:17:54 Unit METH6329 [K2 : IN ATTENDANCE AT INCIDENT]
 06:18:03 Unit ALFO8611 [K2 : IN ATTENDANCE AT INCIDENT]
 06:31:33 Unit TEMU8629 [K2 : IN ATTENDANCE AT INCIDENT]
 07:27:53 Unit HURU0977 [K2 : IN ATTENDANCE AT INCIDENT]

08:08:59 Unit LAUR8871 [K2 : IN ATTENDANCE AT INCIDENT]
 08:15:29 Unit VICT1811 [KP : PRIORITY MESSAGE]
 08:16:42 Unit VICT1811 [KP : PRIORITY MESSAGE] NOTHING HEARD
 08:22:42 Unit AORA5475 [K2 : IN ATTENDANCE AT INCIDENT]
 08:46:02 Unit RANG5111 [K2 : IN ATTENDANCE AT INCIDENT]
 19:20:13 Unit BOTT1711 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 19:22:31 Unit HURU0977 [K22-1 : UNIT AVAILABLE FOR A FURTHER EVENT]
 19:35:03 Unit METH6329 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 20:00:40 XX
 21:00:22 Unit HURU0977 [K22-1 : UNIT AVAILABLE FOR A FURTHER EVENT]
 21:24:05 Unit HURU0977 [K7 : AT NORMAL STATION]
 21:24:40 Unit ARTH9625 [K2 : IN ATTENDANCE AT INCIDENT]
 05:31:29 Unit WAIK1825 [K1 : PROCEEDING TO INCIDENT]
 06:31:15 Unit WAIK1825 [K2 : IN ATTENDANCE AT INCIDENT]
 08:40:14 Unit SELW9480 [SITREP :] SELWRFO - HELICOPTER HAS CIRCLE CASS PEAK
 09:02:03 Unit WEST9571 [KC : UNIT CALLING]
 09:02:19 Unit WEST9571 [K2 : IN ATTENDANCE AT INCIDENT]
 17:10:50 Unit STHLND2710 [K1 : PROCEEDING TO INCIDENT]
 17:12:01 Unit STHLND2771 [K1 : PROCEEDING TO INCIDENT]
 17:14:32 Unit WAIH5771 [K2 : IN ATTENDANCE AT INCIDENT]
 17:30:17 FROM COMMAND POINT,
 17:34:18 WAIH5771 CREW IN ATTENDANCE BUT NO VEHICLE
 19:11:12 Unit TEMU8629 [KC : UNIT CALLING]
 19:11:56 Unit TEMU8629 [K0 : NOT AVAILABLE]
 19:42:53 Unit WAIK1825 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 20:35:33 Unit ARTH9625 [KP : PRIORITY MESSAGE]
 22:57:40 Unit ARTH9625 [KC : UNIT CALLING]
 22:58:25 Unit ARTH9625 [SITREP :] WE ARE RESPONDING TO TAI TAP ROAD TO CHECK IT OUT
 23:18:35 Unit ARTH9625 [K2 : IN ATTENDANCE AT INCIDENT]
 23:22:48 Unit ARTH9625 [K2 : IN ATTENDANCE AT INCIDENT]
 04:11:48 Unit TEMU8629 [K1 : PROCEEDING TO INCIDENT]
 04:51:06 Unit TEMU8629 [K1 : PROCEEDING TO INCIDENT]
 05:03:20 Unit METH6329 [K1 : PROCEEDING TO INCIDENT]
 05:30:40 Unit PINE1925 [K1 : PROCEEDING TO INCIDENT]
 05:32:00 Unit PINE1971 [K2 : IN ATTENDANCE AT INCIDENT]
 05:32:03 Unit PINE1971 [K1 : PROCEEDING TO INCIDENT]
 05:35:57 Unit TEMU8629 [K1 : PROCEEDING TO INCIDENT]
 05:55:57 Unit STHLND2710 [K2 : IN ATTENDANCE AT INCIDENT]
 05:56:22 Unit STHLND2771 [K2 : IN ATTENDANCE AT INCIDENT]
 06:07:06 Unit TEMU8629 [K2 : IN ATTENDANCE AT INCIDENT]
 06:13:09 Unit METH6329 [K2 : IN ATTENDANCE AT INCIDENT]
 06:13:15 Unit METH6329 [K2 : IN ATTENDANCE AT INCIDENT]
 06:13:26 Unit PINE1925 [K2 : IN ATTENDANCE AT INCIDENT]
 06:13:29 Unit PINE1971 [K2 : IN ATTENDANCE AT INCIDENT]
 06:14:29 Unit METH6329 [K2 : IN ATTENDANCE AT INCIDENT]
 07:37:45 Unit WOOL241 [K38 : ASSOCIATE THIS UNIT TO EVENT - EVENT ADDRESS]

07:37:55 Unit WOOL241 [K39 : RE-TRANSMIT YOUR CURRENT STATUS]
 07:38:02 Unit WOOL241 [K1 : PROCEEDING TO INCIDENT]
 07:59:17 Unit SWAN1725 [K2 : IN ATTENDANCE AT INCIDENT]
 11:21:25 Unit RANG5111 [K2 : IN ATTENDANCE AT INCIDENT]
 15:00:44 Unit RANG5111 [K2 : IN ATTENDANCE AT INCIDENT]
 15:00:50 Unit RANG5111 [K2 : IN ATTENDANCE AT INCIDENT]
 15:00:58 Unit RANG5111 [K2 : IN ATTENDANCE AT INCIDENT]
 15:42:22 Unit RANG5111 [K2 : IN ATTENDANCE AT INCIDENT]
 18:54:16 Unit PINE1971 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 19:20:12 Unit PINE1925 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 19:28:44 Unit METH6329 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 23:01:03 Unit ARTH9625 [KP : PRIORITY MESSAGE]
 23:02:49 Unit ARTH9625 [SITREP :] HAVING TROUBLE FINDING ADDRESS OF [REDACTED] EARLY VALLEY
 23:02:49 ROAD. ANY FUTHER INFO? (NEGATIVE WILL TRY CONTACT CALLER)
 23:16:04 Unit ARTH9625 [KC : UNIT CALLING]
 23:19:02 Unit ARTH9625 [SITREP :] SMELL OF SMOKE AT [REDACTED] EARLY VALLEY RD. HAVE RAN
 23:19:02 THERMAL IMAGERY OVER IT. THERE WERE HOTSPOTS BUT WELL IN THE BLACK. WILL
 23:19:02 REASSURE RESIDENTS
 00:01:44 Unit ARTH9625 [KC : UNIT CALLING]
 00:02:54 Unit ARTH9625 [SITREP :] [REDACTED] EARLY VALLEY ROAD ... FOUND A HOT SPOT AND CAPPED
 00:02:54 FOR NIGHT, HAVE EXPLAINED TO THE RESIDENTS AND A CREW WILL GO BACK
 TOMORROW
 05:02:47 Unit METH6329 [K1 : PROCEEDING TO INCIDENT]
 05:19:24 Unit BOTT1711 [K1 : PROCEEDING TO INCIDENT]
 05:50:56 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]
 06:16:49 Unit METH6329 [K2 : IN ATTENDANCE AT INCIDENT]
 07:32:52 ** Cross Referenced to Event # F2252461 at: 23/02/17 07:32:52
 07:32:52 **
 12:51:06 Unit MOTU3611 [K7 : AT NORMAL STATION]
 14:25:37 Unit SPRI7411 [K7 : AT NORMAL STATION]
 15:26:49 Unit WEST9571 [KP : PRIORITY MESSAGE]
 16:06:15 Unit MTSO9611 [K1 : PROCEEDING TO INCIDENT]
 17:45:35 Unit METH6329 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 17:51:56 ***
 17:52:22 IC OVERNIGHT - BARRY HUNT [REDACTED]
 17:52:29 ***
 18:11:09 Unit MTSO9611 [K2 : IN ATTENDANCE AT INCIDENT]
 19:19:47 Unit BOTT1711 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 19:58:44 Unit TEMU8629 [KC : UNIT CALLING]
 19:59:15 Unit TEMU8629 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 19:59:18 Unit TEMU8629 [SITREP :] WE HAVE BEEN RELEASED FROM THE PORT HILLS FIRE AND
 19:59:18 ARE ON OUR WAY HOME - WE WILL GO K4 AND THEN K7
 23:12:49 **
 23:12:53 O/NIGHT 23-24/2 CONTACT FOR ICP [REDACTED]
 23:15:21 **
 05:21:25 Unit BOTT1711 [K1 : PROCEEDING TO INCIDENT]

05:36:04 Unit WAIK1825 [K1 : PROCEEDING TO INCIDENT]
 05:52:48 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]
 06:27:52 Unit WAIK1825 [K2 : IN ATTENDANCE AT INCIDENT]
 12:29:30 Unit WEST9525 [KC : UNIT CALLING]
 12:30:19 Unit WEST9525 [K2 : IN ATTENDANCE AT INCIDENT]
 12:30:33 Unit WEST9525 [SITREP :] CAN YOU ATTACH US TO HALSWELL STAGING AREA (YOU ARE
 12:30:33 ALREADY ATTACHED)
 14:18:19 *
 14:18:50 CHAR9271 TRAVELLING FROM CHARLESTON TO CHCH TO ATTEND PORT HILLS FIRE -
 14:18:50 DEPARTING CHARLESTON 1500 HRS, 24 FEB
 14:18:52 *
 15:03:49 Unit CHAR9271 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
 15:22:24 Unit CHAR9271 [K1 : PROCEEDING TO INCIDENT]
 15:49:07 Unit RTSREGION4 [K1 : PROCEEDING TO INCIDENT]
 16:48:26 Unit RTSREGION4 [K2 : IN ATTENDANCE AT INCIDENT]
 16:57:30 Unit WEST9571 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 17:37:34 Unit RTSREGION4 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 18:05:46 Unit ALFO8611 [K2 : IN ATTENDANCE AT INCIDENT]
 18:06:04 Unit ALFO8611 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 19:02:45 Unit BOTT1711 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 19:38:24 Unit WAIK1825 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 20:01:49 Unit PEEL5211 [K7 : AT NORMAL STATION]
 20:23:04 Unit CHAR9271 [K1 : PROCEEDING TO INCIDENT]
 20:23:09 Unit CHAR9271 [K2 : IN ATTENDANCE AT INCIDENT]
 21:10:52 NIGHTS CREW ARE WORKING ON BIG BURN BY THE ADVENTURE PARK AREA AND
 21:10:52 CAUSING A LOT
 21:10:52 OF SMOKE IF WE GET ANY CALLS
 05:59:30 Unit SEFT3976 [K7 : AT NORMAL STATION]
 06:05:44 Unit SEFT3976 [K1 : PROCEEDING TO INCIDENT]
 07:12:34 Unit SEFT3976 [K2 : IN ATTENDANCE AT INCIDENT]
 12:45:45 Unit WEST9525 [K2 : IN ATTENDANCE AT INCIDENT]
 14:06:23 XX
 16:30:56 Unit SCRF9378 [K2 : IN ATTENDANCE AT INCIDENT]
 16:31:06 Unit LAUR8871 [K7 : AT NORMAL STATION]
 17:27:17 Unit SEFT3976 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 05:19:37 Unit BOTT1711 [K1 : PROCEEDING TO INCIDENT]
 05:47:39 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]
 14:32:27 Unit BOTT1711 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 18:35:00 Unit WAIH5771 [K7 : AT NORMAL STATION]
 10:44:12 Unit SELW9480 [KC : UNIT CALLING]
 19:39:48 Unit SWAN1725 [K7 : AT NORMAL STATION]
 18:17:13 NIGHT CREWS FOR 28/02 JASON SARICH - [REDACTED] OR BEN - [REDACTED]
 19:34:05 Unit STHLND2710 [KC : UNIT CALLING]
 20:15:07 Unit AORA5475 [K2 : IN ATTENDANCE AT INCIDENT]
 20:15:14 Unit AORA5475 [KC : UNIT CALLING]
 20:16:09 Unit AORA5475 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]

20:30:13 Unit RANG5111 [K2 : IN ATTENDANCE AT INCIDENT]
 20:30:35 Unit RANG5111 [K7 : AT NORMAL STATION]
 20:57:16 Unit SCRF9378 [K7 : AT NORMAL STATION]
 06:23:35 2234567890-1
 08:50:27 TONY CALLED TO SAY THERE IS A FIRE IN THE BELFAST/AIRPORT AREA/JOHNS ROAD AND IF
 08:50:27 NEEDED THEY HAVE HELICOPTER RESOUCRES
 08:50:44 TONY HAS JUST HAD A LOOK AND COULD POSSIBLY BE FROM A BOILER/CHIMNEY
 10:57:51 TONY CALLED TO ADVISE DYERS PASS ROAD UP TO THE SIGN OFF THE KIWI TREE FELLING
 10:57:51 IN PROGRESS TO MAKE THE ROAD SAFE
 13:36:52 Unit STHLND2771 [K2 : IN ATTENDANCE AT INCIDENT]
 15:00:01 Unit STHLND2710 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 16:28:00 Unit STHLND2771 [K2 : IN ATTENDANCE AT INCIDENT]
 16:28:09 Unit STHLND2771 [K2 : IN ATTENDANCE AT INCIDENT]
 16:28:17 Unit STHLND2771 [K2 : IN ATTENDANCE AT INCIDENT]
 16:44:39 Unit STHLND2771 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 17:03:27 Unit MTSO9611 [KC : UNIT CALLING]
 17:03:48 Unit MTSO9611 [KC : UNIT CALLING]
 17:03:56 Unit MTSO9611 [KC : UNIT CALLING]
 17:04:29 Unit MTSO9611 [K7 : AT NORMAL STATION]
 20:54:47 Unit WAIH5771 [K2 : IN ATTENDANCE AT INCIDENT]
 21:17:46 Unit UPPE9473 [K2 : IN ATTENDANCE AT INCIDENT]
 10:23:01 X
 10:23:38 08:00 2/3/17 WARREN HUNT IS ROAMI
 16:24:40 Unit WEST9525 [K7 : AT NORMAL STATION]
 17:20:23 XXXXX
 17:21:03 FIRECOM HAS GIVEN LIST OF UNITS ATTACHED TO CALL FOR CONFIRMATION THAT THEY ARE
 17:21:03 STILL THERE.
 17:21:06 XXX
 17:32:24 Unit BOTT1760 [K7 : AT NORMAL STATION]
 17:32:34 Unit VICT1811 [K7 : AT NORMAL STATION]
 21:23:02 Unit UPPE8771 [K1 : PROCEEDING TO INCIDENT]
 21:33:11 WANTED TO KNOW IF WE SHOULD TURN OUT GOVERNORS BAY
 21:33:50 WANTED SOMEONE TO GO TO THE RUGBY GROUNDS TO GET A REFERENCE POINT
 21:35:16 Unit UPPE9473 [SITREP :] WE WILL STNAD DOWN BUT WILL BE LISTENING
 21:43:50 Unit UPPE8771 [KC : UNIT CALLING]
 21:45:08 Unit UPPE8771 [SITREP :] WE HAVE DRIVEN THE LENGTH OF SUMMITT RD WITH NO SIGN
 21:45:08 OF FIRE
 21:46:04 Unit UPPE8771 [K7 : AT NORMAL STATION]
 05:16:01 Unit BOTT1711 [K1 : PROCEEDING TO INCIDENT]
 05:49:55 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]
 18:21:33 Unit BOTT1711 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 20:11:56 XXXXXXXXXXXX
 20:12:12 2011 HOURS SATURDAY 4TH MARCH
 20:12:43 DPRFO HUNT ADVISES THAT THE HALSWALL QUARRY ICP IS CLOSED FOR THE DAY

20:12:57 NO STAFF ARE ON THE HILL OR ROAMING TONIGHT
 20:13:28 HE IS THE POINT OF CONTACT UNTIL DARK - 0274 759 708
 20:13:56 ANY CALLS TO SMOKE CALL HIM FIRST - DO NOT PAGE DUTY OFFICER
 20:14:57 ANY CALLS TO FLAME - RESPOND NZFS CREWS AND PAGE DUTY OFFICER
 20:15:02 XXXX
 20:15:49 ON SUNDAY 5TH MARCH THE ICU HALSWELL WILL OPEN FOR THE LAST DAY OF
 OPERATION
 20:15:49 BEFORE RELOCATING TO PRINCESS MARGARET HOSPITAL IN SOME FORMAT
 20:16:12 SELWYN EOC IS STILL A DAYTIME OPERATION ONLY
 20:16:20 XXXXX
 20:17:14 ** Cross Referenced to Event # F2259284 at: 04/03/17 20:17:14
 20:17:14 **
 08:49:48 Unit UPPE9473 [K6 : ON TELEPAGER]
 10:26:16 Unit BURN9160 [K7 : AT NORMAL STATION]
 14:59:16 Unit CHAR9271 [K2 : IN ATTENDANCE AT INCIDENT]
 14:59:27 Unit CHAR9271 [K2 : IN ATTENDANCE AT INCIDENT]
 15:00:30 Unit CHAR9271 [K7 : AT NORMAL STATION]
 06:31:57 Unit BOTT1711 [K1 : PROCEEDING TO INCIDENT]
 07:04:30 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]
 17:10:18 Unit BOTT1711 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 07:00:21 Unit BOTT1711 [K1 : PROCEEDING TO INCIDENT]
 07:00:36 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]
 13:27:09 Unit WAIH5771 [K7 : AT NORMAL STATION]
 14:07:34 Unit BOTT1711 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 06:26:26 Unit BOTT1711 [K1 : PROCEEDING TO INCIDENT]
 06:50:48 Unit BOTT1711 [K2 : IN ATTENDANCE AT INCIDENT]
 17:47:05 Unit BOTT1711 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
 09:34:34 ..
 09:35:17 ..
 09:56:47 **
 09:57:35 RFO AL HUTT IS IN CONTROL [REDACTED] IS TO BE PAGED FOR ANY CALLS AS WELL AS
 PDA
 09:57:35 RESPONSE.
 09:57:39 **
 10:00:14 SELW9480, ARTH9625 & SELW9475 ARE STILL ON FIRE GROUND WEF 9/3/17
 16:50:45 Unit SELW9480 [K7 : AT NORMAL STATION]
 17:18:11 FOR THE WEEKEND NORMAL TURNOUT FOR ANY FIRE OR SMOKE SEEN RELATING TO
 THE PORT
 17:18:11 HILLS FIRE AND TO PAGE AL HUTT TO CONTACT FIRE COM
 17:18:31 EVERYTHING IS OFF THE FIRE GROUND AS OF NOW
 17:19:15 Unit SELW9475 [K7 : AT NORMAL STATION]
 17:19:27 Unit ARTH9625 [K7 : AT NORMAL STATION]
 17:23:15 UNIT ALFO8611 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:15 20170224180545ND AT 10/03/17 17:23:03
 17:23:16 UNIT ALFO8611 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:16 20170220060457ND AT 10/03/17 17:23:04
 17:23:16 UNIT ALFO8611 RESPONSE TIME [NULL] ADJUSTED TO

17:23:16 20170220061802ND AT 10/03/17 17:23:04
 17:23:16 UNIT BOTT1760 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:16 20170217101033ND AT 10/03/17 17:23:04
 17:23:17 UNIT BURN9111 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:17 20170213203517ND AT 10/03/17 17:23:04
 17:23:17 UNIT BURN9160 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:17 20170217074041ND AT 10/03/17 17:23:04
 17:23:17 UNIT BURN9160 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:17 20170217074027ND AT 10/03/17 17:23:05
 17:23:17 UNIT BURN9160 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:17 20170217074026ND AT 10/03/17 17:23:05
 17:23:18 UNIT BURN9160 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:18 20170217074108ND AT 10/03/17 17:23:05
 17:23:18 UNIT CLAN5311 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:18 20170217132552ND AT 10/03/17 17:23:05
 17:23:18 UNIT HIND9311 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:18 20170217104138ND AT 10/03/17 17:23:05
 17:23:19 UNIT LINCCFO RESPONSE TIME [NULL] ADJUSTED TO
 17:23:19 20170215195640ND AT 10/03/17 17:23:05
 17:23:19 UNIT PEEL5211 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:19 20170217075859ND AT 10/03/17 17:23:06
 17:23:19 UNIT PINE1971 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:19 20170222053158ND AT 10/03/17 17:23:06
 17:23:20 UNIT REGION4B RESPONSE TIME [NULL] ADJUSTED TO
 17:23:20 20170213193553ND AT 10/03/17 17:23:06
 17:23:20 UNIT SCAR9225 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:20 20170216151926ND AT 10/03/17 17:23:06
 17:23:21 UNIT SCRF9378 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:21 20170225163055ND AT 10/03/17 17:23:06
 17:23:21 UNIT SELW9475 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:21 20170213200919ND AT 10/03/17 17:23:06
 17:23:21 UNIT SELW9476 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:21 20170213200920ND AT 10/03/17 17:23:07
 17:23:22 UNIT SHEF711 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:22 20170215185209ND AT 10/03/17 17:23:07
 17:23:22 UNIT SPRI7411 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:22 20170217104139ND AT 10/03/17 17:23:07
 17:23:22 UNIT UPPE9473 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:22 20170301211745ND AT 10/03/17 17:23:07
 17:23:23 UNIT VICT1811 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:23 20170216015650ND AT 10/03/17 17:23:07
 17:23:23 UNIT WAIH5771 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:23 20170221171431ND AT 10/03/17 17:23:08
 17:23:23 UNIT WAIH5771 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:23 20170301205446ND AT 10/03/17 17:23:08
 17:23:24 UNIT WEST9511 RESPONSE TIME [NULL] ADJUSTED TO

17:23:24 20170214072142ND AT 10/03/17 17:23:08
 17:23:24 UNIT WEST9511 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:24 20170216202138ND AT 10/03/17 17:23:08
 17:23:24 UNIT WEST9511 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:24 20170217010712ND AT 10/03/17 17:23:08
 17:23:25 UNIT WEST9511 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:25 20170216202336ND AT 10/03/17 17:23:08
 17:23:25 UNIT WEST9511 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:25 20170216202344ND AT 10/03/17 17:23:09
 17:23:25 UNIT WEST9511 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:25 20170216004019ND AT 10/03/17 17:23:09
 17:23:25 UNIT WEST9525 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:25 20170214020442ND AT 10/03/17 17:23:09
 17:23:26 UNIT WEST9525 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:26 20170225124544ND AT 10/03/17 17:23:09
 17:23:26 UNIT WEST9525 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:26 20170224123018ND AT 10/03/17 17:23:09
 17:23:26 UNIT WEST9571 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:26 20170215185209ND AT 10/03/17 17:23:10
 17:23:27 UNIT WEST9571 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:27 20170214001244ND AT 10/03/17 17:23:10
 17:23:27 UNIT WEST9571 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:27 20170221090218ND AT 10/03/17 17:23:10
 17:23:27 UNIT WEST9571 RESPONSE TIME [NULL] ADJUSTED TO
 17:23:27 20170217092010ND AT 10/03/17 17:23:10
 17:25:36 UNIT AMBE4825 ALERT TIME [NULL] ADJUSTED TO
 17:25:36 20170219052839ND AT 10/03/17 17:25:13
 17:25:36 UNIT AORA5475 ALERT TIME [NULL] ADJUSTED TO
 17:25:36 20170220052216ND AT 10/03/17 17:25:13
 17:25:36 UNIT AORA5475 ALERT TIME [NULL] ADJUSTED TO
 17:25:36 20170220052206ND AT 10/03/17 17:25:13
 17:25:37 UNIT AORA5475 ALERT TIME [NULL] ADJUSTED TO
 17:25:37 20170220041507ND AT 10/03/17 17:25:13
 17:25:37 UNIT ARTH9625 ALERT TIME [NULL] ADJUSTED TO
 17:25:37 20170219055312ND AT 10/03/17 17:25:14
 17:25:37 UNIT ARTH9625 ALERT TIME [NULL] ADJUSTED TO
 17:25:37 20170218052448ND AT 10/03/17 17:25:14
 17:25:38 UNIT BOTT1711 ALERT TIME [NULL] ADJUSTED TO
 17:25:38 20170217052711ND AT 10/03/17 17:25:14
 17:25:38 UNIT BOTT1711 ALERT TIME [NULL] ADJUSTED TO
 17:25:38 20170213192157ND AT 10/03/17 17:25:14
 17:25:38 UNIT BOTT1760 ALERT TIME [NULL] ADJUSTED TO
 17:25:38 20170217101032ND AT 10/03/17 17:25:14
 17:25:39 UNIT BURN9111 ALERT TIME [NULL] ADJUSTED TO
 17:25:39 20170213203516ND AT 10/03/17 17:25:14
 17:25:39 UNIT BURN9160 ALERT TIME [NULL] ADJUSTED TO

17:25:39 20170217074025ND AT 10/03/17 17:25:15
 17:25:39 UNIT BURN9160 ALERT TIME [NULL] ADJUSTED TO
 17:25:39 20170217074026ND AT 10/03/17 17:25:15
 17:25:40 UNIT BURN9160 ALERT TIME [NULL] ADJUSTED TO
 17:25:40 20170217074040ND AT 10/03/17 17:25:15
 17:25:40 UNIT BURN9160 ALERT TIME [NULL] ADJUSTED TO
 17:25:40 20170217074107ND AT 10/03/17 17:25:15
 17:25:40 UNIT CANTERBRY1 ALERT TIME [NULL] ADJUSTED TO
 17:25:40 20170213175633ND AT 10/03/17 17:25:15
 17:25:40 UNIT CANTERBRY1 ALERT TIME [NULL] ADJUSTED TO
 17:25:40 20170214035221ND AT 10/03/17 17:25:15
 17:25:41 UNIT CHAR9271 ALERT TIME [NULL] ADJUSTED TO
 17:25:41 20170224202303ND AT 10/03/17 17:25:16
 17:25:41 UNIT CHAR9271 ALERT TIME [NULL] ADJUSTED TO
 17:25:41 20170224152222ND AT 10/03/17 17:25:16
 17:25:42 UNIT CHRISTCH1 ALERT TIME [NULL] ADJUSTED TO
 17:25:42 20170213182843ND AT 10/03/17 17:25:16
 17:25:42 UNIT CLAN5311 ALERT TIME [NULL] ADJUSTED TO
 17:25:42 20170217132551ND AT 10/03/17 17:25:16
 17:25:42 UNIT HIND9311 ALERT TIME [NULL] ADJUSTED TO
 17:25:42 20170219050421ND AT 10/03/17 17:25:16
 17:25:43 UNIT HIND9311 ALERT TIME [NULL] ADJUSTED TO
 17:25:43 20170218052448ND AT 10/03/17 17:25:17
 17:25:43 UNIT HIND9311 ALERT TIME [NULL] ADJUSTED TO
 17:25:43 20170217104137ND AT 10/03/17 17:25:17
 17:25:43 UNIT HURU0977 ALERT TIME [NULL] ADJUSTED TO
 17:25:43 20170219045937ND AT 10/03/17 17:25:17
 17:25:44 UNIT HURU0977 ALERT TIME [NULL] ADJUSTED TO
 17:25:44 20170216075134ND AT 10/03/17 17:25:17
 17:25:44 UNIT HURU0977 ALERT TIME [NULL] ADJUSTED TO
 17:25:44 20170216074801ND AT 10/03/17 17:25:17
 17:25:44 UNIT LAUR8871 ALERT TIME [NULL] ADJUSTED TO
 17:25:44 20170218052448ND AT 10/03/17 17:25:17
 17:25:44 UNIT LAUR8871 ALERT TIME [NULL] ADJUSTED TO
 17:25:44 20170219050847ND AT 10/03/17 17:25:18
 17:25:45 UNIT LAUR8871 ALERT TIME [NULL] ADJUSTED TO
 17:25:45 20170220051017ND AT 10/03/17 17:25:18
 17:25:45 UNIT LINC4126 ALERT TIME [NULL] ADJUSTED TO
 17:25:45 20170213195800ND AT 10/03/17 17:25:18
 17:25:45 UNIT LINC4126 ALERT TIME [NULL] ADJUSTED TO
 17:25:45 20170214075513ND AT 10/03/17 17:25:18
 17:25:46 UNIT LINCCFO ALERT TIME [NULL] ADJUSTED TO
 17:25:46 20170215195639ND AT 10/03/17 17:25:18
 17:25:46 UNIT METH6329 ALERT TIME [NULL] ADJUSTED TO
 17:25:46 20170222050319ND AT 10/03/17 17:25:19
 17:25:46 UNIT METH6329 ALERT TIME [NULL] ADJUSTED TO

17:25:46 20170223050245ND AT 10/03/17 17:25:19
 17:25:47 UNIT METH6329 ALERT TIME [NULL] ADJUSTED TO
 17:25:47 20170220052329ND AT 10/03/17 17:25:19
 17:25:47 UNIT MTSO9611 ALERT TIME [NULL] ADJUSTED TO
 17:25:47 20170223160613ND AT 10/03/17 17:25:19
 17:25:47 UNIT PEEL5211 ALERT TIME [NULL] ADJUSTED TO
 17:25:47 20170217075858ND AT 10/03/17 17:25:19
 17:25:48 UNIT PEEL5211 ALERT TIME [NULL] ADJUSTED TO
 17:25:48 20170219044949ND AT 10/03/17 17:25:20
 17:25:48 UNIT PEEL5211 ALERT TIME [NULL] ADJUSTED TO
 17:25:48 20170219053919ND AT 10/03/17 17:25:20
 17:25:48 UNIT PEND8911 ALERT TIME [NULL] ADJUSTED TO
 17:25:48 20170218052449ND AT 10/03/17 17:25:20
 17:25:48 UNIT PEND8911 ALERT TIME [NULL] ADJUSTED TO
 17:25:48 20170219050616ND AT 10/03/17 17:25:20
 17:25:49 UNIT PINE1925 ALERT TIME [NULL] ADJUSTED TO
 17:25:49 20170222053039ND AT 10/03/17 17:25:20
 17:25:49 UNIT PINE1971 ALERT TIME [NULL] ADJUSTED TO
 17:25:49 20170222053157ND AT 10/03/17 17:25:20
 17:25:49 UNIT PINE1971 ALERT TIME [NULL] ADJUSTED TO
 17:25:49 20170222053202ND AT 10/03/17 17:25:21
 17:25:50 UNIT REGION4B ALERT TIME [NULL] ADJUSTED TO
 17:25:50 20170214174818ND AT 10/03/17 17:25:21
 17:25:50 UNIT REGION4B ALERT TIME [NULL] ADJUSTED TO
 17:25:50 20170213193552ND AT 10/03/17 17:25:21
 17:25:51 UNIT REGION4B ALERT TIME [NULL] ADJUSTED TO
 17:25:51 20170214034210ND AT 10/03/17 17:25:22
 17:25:51 UNIT RFOSELW1 ALERT TIME [NULL] ADJUSTED TO
 17:25:51 20170214035359ND AT 10/03/17 17:25:22
 17:25:51 UNIT RFOSELW1 ALERT TIME [NULL] ADJUSTED TO
 17:25:51 20170213181348ND AT 10/03/17 17:25:22
 17:25:52 UNIT RFOSELW1 ALERT TIME [NULL] ADJUSTED TO
 17:25:52 20170213181339ND AT 10/03/17 17:25:22
 17:25:52 UNIT RFOSELW1 ALERT TIME [NULL] ADJUSTED TO
 17:25:52 20170214035440ND AT 10/03/17 17:25:22
 17:25:52 UNIT RFOSELW1 ALERT TIME [NULL] ADJUSTED TO
 17:25:52 20170214035351ND AT 10/03/17 17:25:23
 17:25:53 UNIT RFOSELW1 ALERT TIME [NULL] ADJUSTED TO
 17:25:53 20170214035349ND AT 10/03/17 17:25:23
 17:25:53 UNIT RFOSELW2 ALERT TIME [NULL] ADJUSTED TO
 17:25:53 20170213184015ND AT 10/03/17 17:25:23
 17:25:54 UNIT RFOSELW3 ALERT TIME [NULL] ADJUSTED TO
 17:25:54 20170213200328ND AT 10/03/17 17:25:23
 17:25:54 UNIT RFOSELW3 ALERT TIME [NULL] ADJUSTED TO
 17:25:54 20170214074731ND AT 10/03/17 17:25:23
 17:25:54 UNIT RFOSELW4 ALERT TIME [NULL] ADJUSTED TO

17:25:54 20170214053708ND AT 10/03/17 17:25:24
 17:25:55 UNIT RFOSELW4 ALERT TIME [NULL] ADJUSTED TO
 17:25:55 20170213193554ND AT 10/03/17 17:25:24
 17:25:55 UNIT ROLL4226 ALERT TIME [NULL] ADJUSTED TO
 17:25:55 20170214101401ND AT 10/03/17 17:25:24
 17:25:55 UNIT ROLL4226 ALERT TIME [NULL] ADJUSTED TO
 17:25:55 20170214062328ND AT 10/03/17 17:25:24
 17:25:55 UNIT ROLL4226 ALERT TIME [NULL] ADJUSTED TO
 17:25:55 20170215184908ND AT 10/03/17 17:25:24
 17:25:56 UNIT ROLLCFO ALERT TIME [NULL] ADJUSTED TO
 17:25:56 20170213193732ND AT 10/03/17 17:25:25
 17:25:56 UNIT RTSREGION4 ALERT TIME [NULL] ADJUSTED TO
 17:25:56 20170224154905ND AT 10/03/17 17:25:25
 17:25:56 UNIT RURALCHCH2 ALERT TIME [NULL] ADJUSTED TO
 17:25:56 20170213184554ND AT 10/03/17 17:25:25
 17:25:57 UNIT RURALSCRF8 ALERT TIME [NULL] ADJUSTED TO
 17:25:57 20170214072408ND AT 10/03/17 17:25:25
 17:25:57 UNIT RURALSCRF8 ALERT TIME [NULL] ADJUSTED TO
 17:25:57 20170214055611ND AT 10/03/17 17:25:25
 17:25:57 UNIT RURALSCRF8 ALERT TIME [NULL] ADJUSTED TO
 17:25:57 20170214053302ND AT 10/03/17 17:25:25
 17:25:58 UNIT SCAR9225 ALERT TIME [NULL] ADJUSTED TO
 17:25:58 20170217073113ND AT 10/03/17 17:25:26
 17:25:58 UNIT SCAR9225 ALERT TIME [NULL] ADJUSTED TO
 17:25:58 20170219045245ND AT 10/03/17 17:25:26
 17:25:58 UNIT SCAR9225 ALERT TIME [NULL] ADJUSTED TO
 17:25:58 20170216151925ND AT 10/03/17 17:25:26
 17:25:58 UNIT SCRF9378 ALERT TIME [NULL] ADJUSTED TO
 17:25:58 20170225163054ND AT 10/03/17 17:25:26
 17:25:59 UNIT SEFT3976 ALERT TIME [NULL] ADJUSTED TO
 17:25:59 20170225060543ND AT 10/03/17 17:25:26
 17:25:59 UNIT SELW9475 ALERT TIME [NULL] ADJUSTED TO
 17:25:59 20170213200918ND AT 10/03/17 17:25:26
 17:25:59 UNIT SELW9476 ALERT TIME [NULL] ADJUSTED TO
 17:25:59 20170213200919ND AT 10/03/17 17:25:27
 17:26:00 UNIT SELW9480 ALERT TIME [NULL] ADJUSTED TO
 17:26:00 20170213200715ND AT 10/03/17 17:25:27
 17:26:00 UNIT SELW9480 ALERT TIME [NULL] ADJUSTED TO
 17:26:00 20170213200707ND AT 10/03/17 17:25:27
 17:26:00 UNIT SELW9480 ALERT TIME [NULL] ADJUSTED TO
 17:26:00 20170213200658ND AT 10/03/17 17:25:27
 17:26:01 UNIT SHEF711 ALERT TIME [NULL] ADJUSTED TO
 17:26:01 20170215185208ND AT 10/03/17 17:25:27
 17:26:01 UNIT SOCK257 ALERT TIME [NULL] ADJUSTED TO
 17:26:01 20170213175308ND AT 10/03/17 17:25:28
 17:26:01 UNIT SPRI7411 ALERT TIME [NULL] ADJUSTED TO

17:26:01 20170217104138ND AT 10/03/17 17:25:28
 17:26:02 UNIT STHLND2710 ALERT TIME [NULL] ADJUSTED TO
 17:26:02 20170221171049ND AT 10/03/17 17:25:28
 17:26:02 UNIT STHLND2771 ALERT TIME [NULL] ADJUSTED TO
 17:26:02 20170221171159ND AT 10/03/17 17:25:28
 17:26:02 UNIT SWAN1725 ALERT TIME [NULL] ADJUSTED TO
 17:26:02 20170217060728ND AT 10/03/17 17:25:29
 17:26:03 UNIT TEMU8629 ALERT TIME [NULL] ADJUSTED TO
 17:26:03 20170222045105ND AT 10/03/17 17:25:29
 17:26:03 UNIT TEMU8629 ALERT TIME [NULL] ADJUSTED TO
 17:26:03 20170222041147ND AT 10/03/17 17:25:29
 17:26:03 UNIT TEMU8629 ALERT TIME [NULL] ADJUSTED TO
 17:26:03 20170222053555ND AT 10/03/17 17:25:29
 17:26:04 UNIT TEMU8629 ALERT TIME [NULL] ADJUSTED TO
 17:26:04 20170220041456ND AT 10/03/17 17:25:29
 17:26:04 UNIT TEMU8629 ALERT TIME [NULL] ADJUSTED TO
 17:26:04 20170220052852ND AT 10/03/17 17:25:29
 17:26:04 UNIT TIMA802 ALERT TIME [NULL] ADJUSTED TO
 17:26:04 20170216075643ND AT 10/03/17 17:25:30
 17:26:05 UNIT TIMA802 ALERT TIME [NULL] ADJUSTED TO
 17:26:05 20170216093401ND AT 10/03/17 17:25:30
 17:26:05 UNIT TIMA802 ALERT TIME [NULL] ADJUSTED TO
 17:26:05 20170216084120ND AT 10/03/17 17:25:30
 17:26:05 UNIT TIMA8029 ALERT TIME [NULL] ADJUSTED TO
 17:26:05 20170216075355ND AT 10/03/17 17:25:30
 17:26:06 UNIT UPPE8771 ALERT TIME [NULL] ADJUSTED TO
 17:26:06 20170303212301ND AT 10/03/17 17:25:30
 17:26:06 UNIT UPPE9473 ALERT TIME [NULL] ADJUSTED TO
 17:26:06 20170301211744ND AT 10/03/17 17:25:31
 17:26:06 UNIT WAIH5771 ALERT TIME [NULL] ADJUSTED TO
 17:26:06 20170301205445ND AT 10/03/17 17:25:31
 17:26:07 UNIT WAIH5771 ALERT TIME [NULL] ADJUSTED TO
 17:26:07 20170221171430ND AT 10/03/17 17:25:31
 17:26:07 UNIT WAIK1825 ALERT TIME [NULL] ADJUSTED TO
 17:26:07 20170224053603ND AT 10/03/17 17:25:31
 17:26:08 UNIT WAIK1825 ALERT TIME [NULL] ADJUSTED TO
 17:26:08 20170221053127ND AT 10/03/17 17:25:32
 17:26:08 UNIT WEST9511 ALERT TIME [NULL] ADJUSTED TO
 17:26:08 20170214072141ND AT 10/03/17 17:25:32
 17:26:08 UNIT WEST9511 ALERT TIME [NULL] ADJUSTED TO
 17:26:08 20170216202335ND AT 10/03/17 17:25:32
 17:26:09 UNIT WEST9511 ALERT TIME [NULL] ADJUSTED TO
 17:26:09 20170217010711ND AT 10/03/17 17:25:32
 17:26:09 UNIT WEST9511 ALERT TIME [NULL] ADJUSTED TO
 17:26:09 20170216202343ND AT 10/03/17 17:25:32
 17:26:09 UNIT WEST9511 ALERT TIME [NULL] ADJUSTED TO

17:26:09 20170216004018ND AT 10/03/17 17:25:33
 17:26:09 UNIT WEST9511 ALERT TIME [NULL] ADJUSTED TO
 17:26:09 20170216202137ND AT 10/03/17 17:25:33
 17:26:10 UNIT WEST9525 ALERT TIME [NULL] ADJUSTED TO
 17:26:10 20170214020441ND AT 10/03/17 17:25:33
 17:26:10 UNIT WEST9525 ALERT TIME [NULL] ADJUSTED TO
 17:26:10 20170225124543ND AT 10/03/17 17:25:33
 17:26:10 UNIT WEST9525 ALERT TIME [NULL] ADJUSTED TO
 17:26:10 20170224123017ND AT 10/03/17 17:25:33
 17:26:11 UNIT WEST9571 ALERT TIME [NULL] ADJUSTED TO
 17:26:11 20170214001243ND AT 10/03/17 17:25:33
 17:26:11 UNIT WEST9571 ALERT TIME [NULL] ADJUSTED TO
 17:26:11 20170217092009ND AT 10/03/17 17:25:34
 17:26:12 UNIT WEST9571 ALERT TIME [NULL] ADJUSTED TO
 17:26:12 20170221090217ND AT 10/03/17 17:25:34
 17:26:12 UNIT WEST9571 ALERT TIME [NULL] ADJUSTED TO
 17:26:12 20170215185208ND AT 10/03/17 17:25:34
 17:26:39 INCIDENT STOP TIME [NULL] ADJUSTED TO 20170310172534ND
 17:26:39 AT 10/03/17 17:26:37
 17:26:39 TERMINAL: D0730062
 17:26:39 ** Assigned Result Code: VEG, Detailed Event Type: 1100, Qualifier 1: Q1,
 17:26:39 Qualifier 2:

Additional Calls Message Log

Time	Message
17:46:06	Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
17:46:06	- VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
17:46:06	[REDACTED], Caller Address = TELECOM CELLULAR 027, KARORI, WELLINGTON CITY,
17:46:06	Call Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111
17:46:07	INC INFO: SCRUB FIRE
17:46:07	End of Duplicate Event data
17:46:11	Duplicate Event:Location = KENNEDYS BUSH RD,KENNEDYS BUSH,CHRISTCHURCH CITY,
17:46:11	Type = VEG - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source =
17:46:11	111Inc InfoSCRUB FIRE , Event Source = Fire 111
17:46:11	INC INFO: SCRUB FIRE
17:46:11	End of Duplicate Event data
17:46:44	Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
17:46:44	- VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
17:46:44	InfoSCRUB FIRE , Event Source = Fire 111
17:46:45	INC INFO: SCRUB FIRE
17:46:45	End of Duplicate Event data
17:46:49	Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
17:46:49	- VEGETATION FIRE, Caller Name = BAYCITY NEW ZEALAND LIMITED (RESIDENTIAL),
17:46:49	Caller Ph Number = [REDACTED], Caller Address = [REDACTED] OLD TAI TAPU ROAD, KENNEDYS
17:46:49	BUSH, CHRISTCHURCH CITY, Call Source = 111Inc InfoFIRE GOING UP THE HILL, Event
17:46:49	Source = Fire 111
17:46:49	INC INFO: FIRE GOING UP THE HILL
17:46:49	End of Duplicate Event data
17:46:57	Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
17:46:57	- VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
17:46:57	[REDACTED], Caller Address = TELECOM CELLULAR 027,, Call Source = 111Inc
17:46:57	InfoSCRUB FIRE, Event Source = Fire 111
17:46:57	INC INFO: SCRUB FIRE
17:46:57	MULTIPLE SUBSCRIBERS FOR CALLER NUMBER [REDACTED]. TESA LOOKUP
17:46:57	RECOMMENDED.
17:46:57	End of Duplicate Event data
17:46:58	Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
17:46:58	- VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
17:46:58	[REDACTED], Caller Address = [REDACTED] KENNEDYS BUSH ROAD, KENNEDYS BUSH,
17:46:58	CHRISTCHURCH
17:46:58	CITY, Call Source = 111Inc InfoFIRE ON THE HILL , Event Source = Fire 111
17:46:58	INC INFO: FIRE ON THE HILL
17:46:59	End of Duplicate Event data
17:47:20	Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
17:47:20	- VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoFIRE
17:47:20	RAGING UP THE HILL, Event Source = Fire 111
17:47:20	INC INFO: FIRE RAGING UP THE HILL

17:47:21 End of Duplicate Event data
 17:47:32 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:47:32 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 17:47:32 [REDACTED], Caller Address = [REDACTED] THE RIDGE, KENNEDYS BUSH, CHRISTCHURCH CITY,
 17:47:32 Call Source = 111Inc InfoSCRUB FIRE , Event Source = Fire 111
 17:47:32 INC INFO: SCRUB FIRE
 17:47:32 End of Duplicate Event data
 17:47:48 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:47:48 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],
 17:47:48 Caller Address = TELECOM CELLULAR 027,, Call Source = 111Inc InfoFIRE ON HILL ,
 17:47:48 Event Source = Fire 111
 17:47:48 INC INFO: FIRE ON HILL
 17:47:49 End of Duplicate Event data
 17:47:54 Duplicate Event:Location = [REDACTED] EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type =
 17:47:54 VEG - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 17:47:54 [REDACTED], Caller Address = [REDACTED] EARLY VALLEY ROAD,, Call Source = 111Inc
 17:47:54 InfoSCRUB FIRE, Event Source = Fire 111
 17:47:54 INC INFO: SCRUB FIRE
 17:47:54 MULTIPLE SUBSCRIBERS FOR CALLER NUMBER [REDACTED]. TESA LOOKUP
 17:47:54 RECOMMENDED.
 17:47:55 End of Duplicate Event data
 17:48:32 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:48:32 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 17:48:32 InfoSCRUB FIRE , Event Source = Fire 111
 17:48:32 INC INFO: SCRUB FIRE
 17:48:33 End of Duplicate Event data
 17:48:35 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:48:35 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoFIRE
 17:48:35 ON THE HILL , Event Source = Fire 111
 17:48:35 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:48:35 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 17:48:35 [REDACTED], Caller Address = TELECOM CELLULAR 027, SOUTH DUNEDIN, DUNEDIN CITY,
 17:48:35 Call Source = 111Inc InfoVEGETATION FIRE, Event Source = Fire 111
 17:48:35 INC INFO: FIRE ON THE HILL
 17:48:35 INC INFO: VEGETATION FIRE
 17:48:35 End of Duplicate Event data
 17:48:49 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:48:49 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],
 17:48:49 Caller Address = [REDACTED] KENNEDYS BUSH ROAD, KENNEDYS BUSH, CHRISTCHURCH CITY,
 17:48:49 Call
 17:48:49 Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111
 17:48:49 INC INFO: SCRUB FIRE
 17:48:49 End of Duplicate Event data
 17:48:54 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:48:54 - VEGETATION FIRE, Call Source = 111Inc InfoBUSH FIRE
 17:48:54 INC INFO: BUSH FIRE
 17:48:54 End of Duplicate Event data

17:48:59 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:48:59 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 17:48:59 InfoFIRE ON THE HILL , Event Source = Fire 111
 17:48:59 INC INFO: FIRE ON THE HILL
 17:49:00 End of Duplicate Event data
 17:49:31 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:49:31 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED]
 17:49:31 [REDACTED], Caller Address = TELECOM CELLULAR 027, KARORI, WELLINGTON CITY,
 17:49:31 Call Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111
 17:49:32 INC INFO: SCRUB FIRE
 17:49:32 End of Duplicate Event data
 17:49:38 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:49:38 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoSCRUB
 17:49:38 FIRE IN THE AREA, Event Source = Fire 111
 17:49:38 INC INFO: SCRUB FIRE IN THE AREA
 17:49:38 End of Duplicate Event data
 17:49:42 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:49:42 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],
 17:49:42 Caller Address = [REDACTED] PARKLEA AVENUE, HALSWELL, CHRISTCHURCH CITY, Call Source =
 17:49:42 111Inc InfoFIRE ON HILL , Event Source = Fire 111
 17:49:43 INC INFO: FIRE ON HILL
 17:49:43 End of Duplicate Event data
 17:49:53 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:49:53 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoSCRUB
 17:49:53 FIRE , Event Source = Fire 111
 17:49:53 INC INFO: SCRUB FIRE
 17:49:53 End of Duplicate Event data
 17:49:55 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:49:55 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],
 17:49:55 Caller Address = [REDACTED] POULSON STREET, ADDINGTON, CHRISTCHURCH CITY, Call Source =
 17:49:55 111, Event Source = Fire 111
 17:49:56 INC INFO:
 17:49:56 End of Duplicate Event data
 17:50:10 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:50:10 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED]
 17:50:10 [REDACTED], Caller Address = [REDACTED] HALSWELL ROAD, HALSWELL, CHRISTCHURCH CITY,
 17:50:10 Call Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111
 17:50:11 INC INFO: SCRUB FIRE
 17:50:11 MULTIPLE SUBSCRIBERS FOR CALLER NUMBER [REDACTED]. TESA LOOKUP
 17:50:11 RECOMMENDED.
 17:50:11 INC INFO: SCRUB FIRE
 17:50:11 End of Duplicate Event data
 17:50:35 Duplicate Event:Location = [REDACTED] EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type =
 17:50:35 VEG - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 17:50:35 InfoFIRE THREATENING HOUSE , Event Source = Fire 111
 17:50:36 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

17:50:36 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],
 17:50:36 Caller Address = TELECOM CELLULAR 027, SOUTH DUNEDIN, DUNEDIN CITY, Call Source
 17:50:36 = 111Inc InfoSCRUB FIRE, Event Source = Fire 111
 17:50:37 INC INFO: SCRUB FIRE
 17:50:37 INC INFO: FIRE THREATENING HOUSE
 17:50:38 End of Duplicate Event data
 17:50:47 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:50:47 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 17:50:47 [REDACTED], Caller Address = [REDACTED] KENNEDYS BUSH ROAD, KENNEDYS BUSH,
 CHRISTCHURCH
 17:50:47 CITY, Call Source = 111Inc InfoVEGETATION FIRE, Event Source = Fire 111
 17:50:49 INC INFO: VEGETATION FIRE
 17:50:49 MULTIPLE SUBSCRIBERS FOR CALLER NUMBER [REDACTED]. TESA LOOKUP
 RECOMMENDED.
 17:50:50 End of Duplicate Event data
 17:51:07 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:51:07 - VEGETATION FIRE, Caller Name = VETERINARY ENTERPRISES GROUP LIMITED, Caller Ph
 17:51:07 Number = [REDACTED], Caller Address = [REDACTED] HALSWELL ROAD, HALSWELL, CHRISTCHURCH
 17:51:07 CITY, Call Source = 111Inc InfoFIRE ON THE HILL, Event Source = Fire 111
 17:51:07 INC INFO: FIRE ON THE HILL
 17:51:07 End of Duplicate Event data
 17:51:28 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:51:28 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 17:51:28 [REDACTED], Caller Address = TELECOM CELLULAR 027, SOUTH DUNEDIN, DUNEDIN CITY,
 17:51:28 Call Source = 111Inc InfoSCRUB FIRE ENDANGERING PROPERTY, Event Source = Fire
 17:51:28 111
 17:51:28 INC INFO: SCRUB FIRE ENDANGERING PROPERTY
 17:51:28 End of Duplicate Event data
 17:51:33 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:51:33 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoSCRUB
 17:51:33 FIRE, Event Source = Fire 111
 17:51:33 INC INFO: SCRUB FIRE
 17:51:33 End of Duplicate Event data
 17:51:34 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:51:34 - VEGETATION FIRE, Caller Name = [REDACTED] Caller Ph Number =
 17:51:34 [REDACTED] Caller Address = TELECOM CELLULAR 027, ONEROA, AUCKLAND CITY, Call
 17:51:34 Source = 111Inc InfoVEGETATION FIRE, Event Source = Fire 111
 17:51:34 INC INFO: VEGETATION FIRE
 17:51:34 End of Duplicate Event data
 17:52:15 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:52:15 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 17:52:15 [REDACTED], Caller Address = [REDACTED] RHODES ROAD, TAITAPU, SELWYN DISTRICT, Call
 17:52:15 Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111
 17:52:16 INC INFO: SCRUB FIRE
 17:52:16 End of Duplicate Event data
 17:52:24 Duplicate Event:Location = [REDACTED] HIGHCREST HTS CHRISTCHURCH CITYCross Street
 17:52:24 1CHALONER LA, Type = VEG VEGETATION FIRE, Subtype = default, Caller Name =

17:52:24 [REDACTED] Caller Ph Number = [REDACTED], Caller Address = [REDACTED] HIGHCREST
 17:52:24 HEIGHTS, WESTMORLAND, CHRISTCHURCH CITY, Call Source = 111Alarm Level1Inc
 17:52:24 InfoFIRE ON HILL, Event Source = Fire 111
 17:52:25 INC INFO: FIRE ON HILL
 17:52:25 MULTIPLE SUBSCRIBERS FOR CALLER NUMBER [REDACTED]. TESA LOOKUP
 RECOMMENDED.
 17:52:25 ** ELOI search completed at 13/02/17 17:52:14 - 1 result
 17:52:25 ** LOI search completed at 13/02/17 17:52:17
 17:52:26 End of Duplicate Event data
 17:52:30 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:52:30 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 17:52:30 InfoVEGETATION FIRE, Event Source = Fire 111
 17:52:30 INC INFO: VEGETATION FIRE
 17:52:31 ** Requirement PUMP added for alarm level 1
 17:52:31 End of Duplicate Event data
 17:52:38 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:52:38 - VEGETATION FIRE, Caller Name = [REDACTED] Caller Ph Number =
 17:52:38 [REDACTED], Caller Address = [REDACTED] EARLY VALLEY ROAD, LANSDOWNE, CHRISTCHURCH
 17:52:38 CITY, Call Source = 111, Event Source = Fire 111
 17:52:38 INC INFO:
 17:52:38 MULTIPLE SUBSCRIBERS FOR CALLER NUMBER [REDACTED]. TESA LOOKUP
 RECOMMENDED.
 17:52:38 End of Duplicate Event data
 17:53:34 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:53:34 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 17:53:34 InfoSCRUB FIRE, Event Source = Fire 111
 17:53:35 INC INFO: SCRUB FIRE
 17:53:35 End of Duplicate Event data
 17:53:37 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type =
 17:53:37 STRU - STRUCTURE FIRE, Caller Name = MOFFATTS FLOWER COMPANY LIMITED, Caller Ph
 17:53:37 Number = [REDACTED], Caller Address = TELECOM CELLULAR 027, KAIPARA FLATS,
 17:53:37 AUCKLAND CITY, Call Source = 111Inc InfoSCRUB FIRE THREATING HOUSES, Event
 17:53:37 Source = Fire 111
 17:53:38 INC INFO: SCRUB FIRE THREATING HOUSES
 17:53:38 End of Duplicate Event data
 17:53:42 Duplicate Event:Location = [REDACTED] EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type =
 17:53:42 VEG - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 17:53:42 [REDACTED], Caller Address = TELECOM CELLULAR 027,, Call Source = 111Inc
 17:53:42 InfoFIRE ON HILL, Event Source = Fire 111
 17:53:43 INC INFO: FIRE ON HILL
 17:53:43 End of Duplicate Event data
 17:53:51 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:53:51 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph
 17:53:51 Number
 17:53:51 = [REDACTED], Caller Address = [REDACTED] EARLY VALLEY ROAD, LANSDOWNE, CHRISTCHURCH
 17:53:51 CITY, Call Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111
 17:53:51 INC INFO: SCRUB FIRE

17:53:51 End of Duplicate Event data
 17:53:52 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:53:52 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoSCRUB
 17:53:52 FIRE, Event Source = Fire 111
 17:53:52 INC INFO: SCRUB FIRE
 17:53:52 End of Duplicate Event data
 17:54:25 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:54:25 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoFIRE
 17:54:25 KENNEDYS BUSH - PINE FOREST, Event Source = Fire 111
 17:54:26 INC INFO: FIRE KENNEDYS BUSH - PINE FOREST
 17:54:26 End of Duplicate Event data
 17:54:34 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:54:34 - VEGETATION FIRE, Caller Name = DIAMOND FITNESS LIMITED, Caller Ph Number =
 17:54:34 [REDACTED], Caller Address = TELECOM CELLULAR 027, BLENHEIM, MARLBOROUGH
 17:54:34 DISTRICT, Call Source = 111Inc InfoFIRE ON HILL, Event Source = Fire 111
 17:54:34 INC INFO: FIRE ON HILL
 17:54:34 End of Duplicate Event data
 17:54:42 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:54:42 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 17:54:42 [REDACTED], Caller Address = [REDACTED] THE RIDGE, KENNEDYS BUSH, CHRISTCHURCH CITY, Call
 17:54:42 Source = 111Inc InfoBUSH FIRE, Event Source = Fire 111
 17:54:42 INC INFO: BUSH FIRE
 17:54:42 End of Duplicate Event data
 17:54:48 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:54:48 - VEGETATION FIRE, Caller Name = [REDACTED] Caller Ph Number
 17:54:48 = [REDACTED], Caller Address = TELECOM CELLULAR 027,, Call Source = 111Inc
 17:54:48 InfoSCRUB FIRE, Event Source = Fire 111
 17:54:48 INC INFO: SCRUB FIRE
 17:54:48 End of Duplicate Event data
 17:55:15 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:55:15 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoFIRE
 17:55:15 ON THE HILL, Event Source = Fire 111
 17:55:15 INC INFO: FIRE ON THE HILL
 17:55:15 End of Duplicate Event data
 17:55:23 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:55:23 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED]
 17:55:23 Caller Address = TELECOM CELLULAR 027, HUNTLY, WAIKATO DISTRICT, Call Source =
 17:55:23 111Inc InfoVEGETATION FIRE, Event Source = Fire 111
 17:55:23 TELLING FIRE SERVICE WHAT TO DO
 17:55:23 INC INFO: VEGETATION FIRE
 17:55:23 End of Duplicate Event data
 17:55:27 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:55:27 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoBUSH
 17:55:27 FIRE, Event Source = Fire 111
 17:55:27 INC INFO: BUSH FIRE
 17:55:27 End of Duplicate Event data

17:55:42 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 17:55:42 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],
 17:55:42 Caller Address = [REDACTED] LNP FICT., Call Source = 111Inc InfoSCRUB FIRE, Event Source
 17:55:42 = Fire 111
 17:55:42 INC INFO: SCRUB FIRE
 17:55:42 End of Duplicate Event data
 17:55:47 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 17:55:47 - VEGETATION FIRE, Caller Name = [REDACTED] Caller Ph Number =
 17:55:47 [REDACTED], Caller Address = TELECOM CELLULAR 027,, Call Source = 111, Event
 17:55:47 Source = Fire 111
 17:55:48 INC INFO:
 17:55:48 MULTIPLE SUBSCRIBERS FOR CALLER NUMBER [REDACTED]. TESA LOOKUP
 17:55:48 RECOMMENDED.
 17:55:48 End of Duplicate Event data
 17:55:53 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 17:55:53 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 17:55:53 InfoSCRUB FIRE , Event Source = Fire 111
 17:55:53 INC INFO: SCRUB FIRE
 17:55:54 End of Duplicate Event data
 17:56:18 Duplicate Event:Location = [REDACTED]: EST [REDACTED] EARLY
 17:56:18 VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG - VEGETATION FIRE, Caller Ph
 17:56:18 Number = [REDACTED], Call Source = 111Inc InfoVEGETATION FIRE, Event Source =
 17:56:18 Fire 111
 17:56:18 INC INFO: VEGETATION FIRE
 17:56:19 End of Duplicate Event data
 17:56:21 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 17:56:21 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 17:56:21 [REDACTED], Caller Address = [REDACTED] CASHMERE ROAD, HOON HAY, CHRISTCHURCH CITY,
 17:56:21 Call Source = 111Inc InfoFIRE ON HILL , Event Source = Fire 111
 17:56:21 INC INFO: FIRE ON HILL
 17:56:21 End of Duplicate Event data
 17:56:27 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 17:56:27 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoBUSH
 17:56:27 FIRE THREATNING HOUSE , Event Source = Fire 111
 17:56:27 INC INFO: BUSH FIRE THREATNING HOUSE
 17:56:27 End of Duplicate Event data
 17:56:42 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 17:56:42 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111, Event
 17:56:42 Source = Fire 111
 17:56:43 INC INFO:
 17:56:43 End of Duplicate Event data
 17:56:45 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 17:56:45 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoFIRE
 17:56:45 ON HILL , Event Source = Fire 111
 17:56:45 INC INFO: FIRE ON HILL
 17:56:45 End of Duplicate Event data

17:57:00 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:57:00 - VEGETATION FIRE, Caller Name = FARMLANDS CO-OPERATIVE SOCIETY LIMITED, Caller
 17:57:00 Ph Number = [REDACTED], Caller Address = TELECOM CELLULAR 027, BLENHEIM,
 17:57:00 MARLBOROUGH DISTRICT, Call Source = 111Inc InfoBUSH FIRE, Event Source = Fire
 17:57:00 111
 17:57:00 INC INFO: BUSH FIRE
 17:57:01 End of Duplicate Event data
 17:57:12 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:57:12 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 17:57:12 [REDACTED], Caller Address = [REDACTED] WORSLEYS ROAD, CRACROFT, CHRISTCHURCH CITY,
 17:57:12 Call Source = 111Inc InfoVEGETATION FIRE, Event Source = Fire 111
 17:57:13 INC INFO: VEGETATION FIRE
 17:57:13 End of Duplicate Event data
 17:57:17 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:57:17 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 17:57:17 InfoFIRE ON THE HILL , Event Source = Fire 111
 17:57:17 INC INFO: FIRE ON THE HILL
 17:57:17 End of Duplicate Event data
 17:57:49 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:57:49 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],
 17:57:49 Caller Address = [REDACTED] ERNEST ADAMS DRIVE, GOVERNORS BAY, CHRISTCHURCH CITY, Call
 17:57:49 Source = 111Inc InfoFIRE , Event Source = Fire 111
 17:57:49 INC INFO: FIRE
 17:57:49 MULTIPLE SUBSCRIBERS FOR CALLER NUMBER [REDACTED]. TESA LOOKUP
 17:57:49 RECOMMENDED.
 17:57:49 End of Duplicate Event data
 17:57:54 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:57:54 - VEGETATION FIRE, Caller Name = VODAFONE NEW ZEALAND LTD, Caller Ph Number =
 17:57:54 [REDACTED], Caller Address = [REDACTED] MAIN ROAD, ALLANDALE, CHRISTCHURCH CITY, Call
 17:57:54 Source = 111Inc InfoVEGETATION FIRE, Event Source = Fire 111
 17:57:54 INC INFO: VEGETATION FIRE
 17:57:54 End of Duplicate Event data
 17:58:11 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:58:11 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111, Event
 17:58:11 Source = Fire 111
 17:58:11 INC INFO:
 17:58:12 End of Duplicate Event data
 17:58:12 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:58:12 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoFIRE
 17:58:12 ON THE HILL , Event Source = Fire 111
 17:58:12 INC INFO: FIRE ON THE HILL
 17:58:12 End of Duplicate Event data
 17:58:23 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 17:58:23 - VEGETATION FIRE, Caller Name = PREPAID/TELECOM, Caller Ph Number =
 17:58:23 [REDACTED], Caller Address = TELECOM CELLULAR 027, BLENHEIM, MARLBOROUGH
 17:58:23 DISTRICT, Call Source = 111Inc InfoVEGETATION FIRE, Event Source = Fire 111

17:58:24 INC INFO: VEGETATION FIRE

17:58:24 Unit CHRI2111 [COMCEN COM : MESSAGE] HYDANT LOCATION GIVEN (ACK)

17:58:24 End of Duplicate Event data

17:58:40 Duplicate Event: EARLY VALLEY RD SELWYN DISTRICT Cross Street 1 OLD TAI TAPU RD,
 17:58:40 Type = VEG VEGETATION FIRE, Subtype = default, Caller Ph Number = [REDACTED],
 17:58:40 Call Source = 111 Alarm Level 1 Inc Info SCRUB FIRE , Event Source = Fire 111

17:58:40 INC INFO: SCRUB FIRE

17:58:40 ** LOI search completed at 13/02/17 17:52:54

17:58:40 ** ELOI search completed at 13/02/17 17:52:54 - 1 result

17:58:40 Duplicate Event: Location = EARLY VALLEY RD, LANSLOWNE, SELWYN DISTRICT, Type = VEG

17:58:40 INC INFO: VEGETATION FIRE

17:58:40 MULTIPLE SUBSCRIBERS FOR CALLER NUMBER [REDACTED]. TESA LOOKUP
 RECOMMENDED.

17:58:40 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 17:58:40 [REDACTED], Caller Address = [REDACTED] BARNES ROAD, HALSWELL, SELWYN DISTRICT, Call
 17:58:40 Source = 111 Inc Info VEGETATION FIRE, Event Source = Fire 111

17:58:40 End of Duplicate Event data

17:58:40 Duplicate Event: Location = EARLY VALLEY RD, LANSLOWNE, SELWYN DISTRICT, Type = VEG

17:58:40 - VEGETATION FIRE, Call Source = 111 Inc Info BUSH FIRE

17:58:40 End of Duplicate Event data

17:58:40 Duplicate Event: Location = EARLY VALLEY RD, LANSLOWNE, SELWYN DISTRICT, Type = VEG

17:58:40 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 17:58:40 [REDACTED], Caller Address = TELECOM CELLULAR 027,, Call Source = 111 Inc
 17:58:40 Info VEGETATION FIRE, Event Source = Fire 111

17:58:40 End of Duplicate Event data

17:58:40 Duplicate Event: Location = EARLY VALLEY RD, LANSLOWNE, SELWYN DISTRICT, Type = VEG

17:58:40 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 17:58:40 [REDACTED], Caller Address = [REDACTED] RAPAKI DRIVE,, Call Source = 111 Inc Info UP ON THE
 17:58:40 HILL, Event Source = Fire 111

17:58:40 End of Duplicate Event data

17:58:40 Duplicate Event: Location = EARLY VALLEY RD, LANSLOWNE, SELWYN DISTRICT, Type = VEG

17:58:40 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111 Inc
 17:58:40 Info POND/WATER [REDACTED] HOLMES ROAD, Event Source = Fire 111

17:58:40 INC INFO: POND/WATER [REDACTED] HOLMES ROAD

17:58:40 End of Duplicate Event data

17:58:40 Duplicate Event: Location = EARLY VALLEY RD, LANSLOWNE, SELWYN DISTRICT, Type = VEG

17:58:40 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111 Inc
 17:58:40 Info LARGE SCRUB FIRE, Event Source = Fire 111

17:58:40 INC INFO: LARGE SCRUB FIRE

17:58:40 End of Duplicate Event data

17:58:40 Duplicate Event: Location = EARLY VALLEY RD, LANSLOWNE, SELWYN DISTRICT, Type = VEG

17:58:40 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],
 17:58:40 Caller Address = TELECOM CELLULAR 027, TE ARO, WELLINGTON CITY, Call Source =
 17:58:40 111 Inc Info SRUB FIRE, Event Source = Fire 111

17:58:40 INC INFO: SRUB FIRE

17:58:40 End of Duplicate Event data

17:58:42 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 17:58:42 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 17:58:42 InfoSCRUB FIRE, Event Source = Fire 111
 17:58:42 INC INFO: SCRUB FIRE
 17:58:42 End of Duplicate Event data
 17:58:59 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 17:58:59 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 17:58:59 InfoVEGETATION FIRE, Event Source = Fire 111
 17:58:59 INC INFO: VEGETATION FIRE
 17:58:59 End of Duplicate Event data
 17:59:32 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 17:59:32 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoSCRUB
 17:59:32 FIRE, Event Source = Fire 111
 17:59:33 INC INFO: SCRUB FIRE
 17:59:33 INC INFO: SCRUB FIRE
 17:59:33 End of Duplicate Event data
 17:59:51 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 17:59:51 - VEGETATION FIRE, Caller Name = VODAFONE NEW ZEALAND LTD, Caller Ph Number =
 17:59:51 [REDACTED], Caller Address = [REDACTED] TAI TAPU ROAD, TAI TAPU, SELWYN DISTRICT, Call
 17:59:51 Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111
 17:59:51 INC INFO: SCRUB FIRE
 17:59:51 INC INFO: SCRUB FIRE
 17:59:51 End of Duplicate Event data
 18:00:01 Duplicate Event: EARLY VALLEY RD SELWYN DISTRICTCross Street 1OLD TAI TAPU RD,
 18:00:01 Type = VEG VEGETATION FIRE, Subtype = default, Caller Name = [REDACTED], Caller
 18:00:01 Ph Number = [REDACTED], Caller Address = EARLY VALLEY RD,LANSLOWNE,SELWYN
 18:00:01 DISTRICT, Call Source = 111Alarm Level1Inc InfoFIRE IN VICINITY , Event Source =
 18:00:01 Fire 111
 18:00:02 INC INFO: FIRE IN VICINITY
 18:00:02 ** ELOI search completed at 13/02/17 17:59:45 - 1 result
 18:00:02 ** LOI search completed at 13/02/17 17:59:45
 18:00:02 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 18:00:02 INC INFO: SCRUB FIRE
 18:00:02 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 18:00:02 InfoSCRUB FIRE, Event Source = Fire 111
 18:00:02 End of Duplicate Event data
 18:00:50 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 18:00:50 - VEGETATION FIRE, Caller Name = FULTON HOGAN LIMITED, Caller Ph Number =
 18:00:50 [REDACTED], Caller Address = TELECOM CELLULAR 027, BELFAST, CHRISTCHURCH CITY,
 18:00:50 Call Source = 111, Event Source = Fire 111
 18:00:50 HEADING TOWRDS 200 HECTARES OF FOREST
 18:00:50 INC INFO:
 18:00:51 End of Duplicate Event data
 18:01:40 Duplicate Event:Location = EARLY VALLEY RD,LANSLOWNE,SELWYN DISTRICT, Type = VEG
 18:01:40 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 18:01:40 [REDACTED], Caller Address = HOON HAY VALLEY ROAD, KENNEDYS BUSH,
 CHRISTCHURCH

18:01:40 CITY, Call Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111
 18:01:41 INC INFO: SCRUB FIRE
 18:01:41 End of Duplicate Event data
 18:03:04 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 18:03:04 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],
 18:03:04 Caller Address = [REDACTED] MAIN ROAD, ALLANDALE, CHRISTCHURCH CITY, Call Source =
 18:03:04 111Inc InfoFIRE ON HILL , Event Source = Fire 111
 18:03:05 INC INFO: FIRE ON HILL
 18:03:05 End of Duplicate Event data
 18:04:14 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 18:04:14 - VEGETATION FIRE, Call Source = 111Inc InfoSCRUB FIRE
 18:04:14 INC INFO: SCRUB FIRE
 18:04:15 End of Duplicate Event data
 18:04:27 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 18:04:27 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoSCRUB
 18:04:27 FIRE, Event Source = Fire 111
 18:04:27 INC INFO: SCRUB FIRE
 18:04:27 End of Duplicate Event data
 18:05:33 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 18:05:33 - VEGETATION FIRE, Caller Name = UNKNOWN OR DUPLICATE DETAILS, Caller Ph Number
 18:05:33 = [REDACTED], Caller Address = UNKNOWN TELSTRACLEAR, JOHNSONVILLE, WELLINGTON
 18:05:33 CITY, Call Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111
 18:05:33 INC INFO: SCRUB FIRE
 18:05:33 End of Duplicate Event data
 18:06:50 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 18:06:50 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 18:06:50 InfoVEGETATION FIRE, Event Source = Fire 111
 18:06:50 INC INFO: VEGETATION FIRE
 18:06:50 End of Duplicate Event data
 18:07:25 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 18:07:25 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 18:07:25 [REDACTED], Caller Address = [REDACTED] GLOVERS ROAD, HALSWELL, CHRISTCHURCH CITY, Call
 18:07:25 Source = 111Inc InfoVEGETATION FIRE, Event Source = Fire 111
 18:07:25 INC INFO: VEGETATION FIRE
 18:07:25 MULTIPLE SUBSCRIBERS FOR CALLER NUMBER [REDACTED]. TESA LOOKUP
 18:07:25 RECOMMENDED.
 18:07:25 End of Duplicate Event data
 18:07:53 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 18:07:53 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 18:07:53 InfoSCRUB FIRE, Event Source = Fire 111
 18:07:53 INC INFO: SCRUB FIRE
 18:07:53 End of Duplicate Event data
 18:08:30 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 18:08:30 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 18:08:30 InfoSCRUB FIRE, Event Source = Fire 111
 18:08:30 INC INFO: SCRUB FIRE

18:08:30 End of Duplicate Event data

18:09:15 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

18:09:15 - VEGETATION FIRE, Caller Name = VODAFONE NEW ZEALAND LTD, Caller Ph Number =

18:09:15 [REDACTED], Caller Address = [REDACTED] RAVENSDALE RISE, WESTMORLAND, CHRISTCHURCH CITY,

18:09:15 Call Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111

18:09:15 INC INFO: SCRUB FIRE

18:09:15 End of Duplicate Event data

18:09:46 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

18:09:46 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =

18:09:46 [REDACTED], Caller Address = TELECOM CELLULAR 027, BLENHEIM, MARLBOROUGH DISTRICT, Call Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111

18:09:46 INC INFO: SCRUB FIRE

18:09:46 End of Duplicate Event data

18:10:17 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

18:10:17 - VEGETATION FIRE, Caller Ph Number = [REDACTED] Call Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111

18:10:17 INC INFO: SCRUB FIRE

18:10:17 End of Duplicate Event data

18:10:47 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

18:10:47 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED], Caller Address = TELECOM CELLULAR 027,, Call Source = 111Inc InfoFIRE IN VICINITY, Event Source = Fire 111

18:10:47 INC INFO: FIRE IN VICINITY

18:10:47 End of Duplicate Event data

18:10:52 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

18:10:52 - VEGETATION FIRE, Caller Name = [REDACTED] Caller Ph Number = [REDACTED], Caller Address = [REDACTED] CRESSY TERRACE, LYTTTELTON, CHRISTCHURCH CITY, Call Source = 111Inc InfoFIRE, Event Source = Fire 111

18:10:52 INC INFO: FIRE

18:10:52 End of Duplicate Event data

18:10:54 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

18:10:54 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED], Caller Address = [REDACTED] ZEPHYR TERRACE, GOVERNORS BAY, CHRISTCHURCH CITY, Call Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111

18:10:54 INC INFO: SCRUB FIRE

18:10:54 End of Duplicate Event data

18:11:32 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = MIN

18:11:32 - MINOR, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoSMOKE IN THE AREA, Event Source = Fire 111

18:11:32 INC INFO: SMOKE IN THE AREA

18:11:32 End of Duplicate Event data

18:13:47 Duplicate Event: NULL CHRISTCHURCH CITY @GEBBIES VALLEYCross Street 1WITHELLS RDCross Street 2MILLERS RD, Type = VEG VEGETATION FIRE, Subtype = default, Caller Name = [REDACTED], Caller Ph Number = [REDACTED], Caller Address = [REDACTED] MILLERS ROAD, GEBBIES VALLEY,, Call Source = 111Alarm Level1Inc InfoSMOKE

18:13:47 IN AREA, Event Source = Fire 111

18:13:48 INC INFO: SMOKE IN AREA

18:13:48 ** ELOI search completed at 13/02/17 18:12:35 - 1 result

18:13:48 ** LOI search completed at 13/02/17 18:12:41

18:13:48 End of Duplicate Event data

18:13:51 Duplicate Event: SUMMIT RD CHRISTCHURCH CITYCross Street 1WORSLEYS RDCross
Street 2GEBBIES PASS RD, Type = VEG VEGETATION FIRE, Subtype = default, Caller
18:13:51 Name = [REDACTED], Caller Ph Number = [REDACTED], Caller Address = [REDACTED]
18:13:51 CANTERBURY STREET, LYTTETON, CHRISTCHURCH CITY, Call Source = 111Alarm
18:13:51 Level1Inc InfoSMOKE DRIFTING OVER GOVERNORS BAY HILL , Event Source = Fire 111
18:13:52 THIS WILL BE THE KENNEDYS BUSH FIRE
18:13:52 INC INFO: SMOKE DRIFTING OVER GOVERNORS BAY HILL
18:13:52 ** ELOI search completed at 13/02/17 18:05:58 - 1 result
18:13:52 ** LOI search completed at 13/02/17 18:05:58
18:13:52 INC INFO: FIRE IN VICINITY
18:13:52 Duplicate Event:Location = SUMMIT RD,GOVERNORS BAY,CHRISTCHURCH CITY, Type =
VEG
18:13:52 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
18:13:52 [REDACTED], Caller Address = [REDACTED] BAY HEIGHTS, GOVERNORS BAY, CHRISTCHURCH CITY,
18:13:52 Call Source = 111Inc InfoFIRE IN VICINITY, Event Source = Fire 111
18:13:52 End of Duplicate Event data
18:13:52 Duplicate Event:Location = SUMMIT RD,GOVERNORS BAY,CHRISTCHURCH CITY, Type =
VEG
18:13:52 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
18:13:52 [REDACTED], Caller Address = [REDACTED] WESTVIEW PLACE, HUNTSBURY, CHRISTCHURCH CITY,
18:13:52 Call Source = 111Inc InfoSMOKE IN VICINITY, Event Source = Fire 111
18:13:52 End of Duplicate Event data
18:13:52 Duplicate Event:Location = SUMMIT RD,GOVERNORS BAY,CHRISTCHURCH CITY, Type =
VEG
18:13:52 INC INFO: SMOKE SHOWING FROM PORT HILLS
18:13:52 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoSMOKE
18:13:52 SHOWING FROM PORT HILLS , Event Source = Fire 111
18:13:52 End of Duplicate Event data
18:13:55 Duplicate Event: EARLY VALLEY RD SELWYN DISTRICTCross Street 1OLD TAI TAPU RD,
18:13:55 Type = VEG VEGETATION FIRE, Subtype = default, Caller Name = [REDACTED]
18:13:55 [REDACTED], Caller Ph Number = [REDACTED], Caller Address = [REDACTED] SIDING LANE,, Call
18:13:55 Source = 111Alarm Level1Inc InfoFIRE, Event Source = Fire 111
18:13:56 INC INFO: FIRE
18:13:56 ** ELOI search completed at 13/02/17 18:03:49 - 1 result
18:13:56 ** LOI search completed at 13/02/17 18:03:50
18:13:56 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
18:13:56 INC INFO: SCRUB FIRE
18:13:56 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoSCRUB
18:13:56 FIRE, Event Source = Fire 111
18:13:56 End of Duplicate Event data
18:13:56 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
18:13:56 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc

18:13:56 InfoSCRUB FIRE, Event Source = Fire 111

18:13:56 INC INFO: SCRUB FIRE

18:13:56 End of Duplicate Event data

18:13:56 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

18:13:56 - VEGETATION FIRE, Caller Name = INFATECH SOLUTIONS LIMITED, Caller Ph Number =

18:13:56 [REDACTED], Caller Address = TELECOM CELLULAR 027, WELLINGTON CENTRAL,

18:13:56 WELLINGTON CITY, Call Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111

18:13:56 INC INFO: SCRUB FIRE

18:13:56 End of Duplicate Event data

18:13:56 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = MIN

18:13:56 - MINOR, Caller Name = LIVING SPRINGS TRUST, Caller Ph Number = [REDACTED],

18:13:56 Caller Address = [REDACTED] BAMFORDS ROAD,, Call Source = 111Inc InfoSMOKE IN AREA,

18:13:56 Event Source = Fire 111

18:13:56 INC INFO: SMOKE IN AREA

18:13:56 End of Duplicate Event data

18:14:10 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

18:14:10 - VEGETATION FIRE, Caller Name = [REDACTED] Caller Ph Number = [REDACTED],

18:14:10 Caller Address = [REDACTED] MAIN ROAD, GOVERNORS BAY, CHRISTCHURCH CITY, Call Source =

18:14:10 111Inc InfoBIG FIRE, Event Source = Fire 111

18:14:10 INC INFO: BIG FIRE

18:14:10 End of Duplicate Event data

18:14:25 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

18:14:25 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],

18:14:25 Caller Address = [REDACTED] OTAHUNA ROAD, TAI TAPU, SELWYN DISTRICT, Call Source =

18:14:25 111Inc InfoSCRUB FIRE, Event Source = Fire 111

18:14:25 INC INFO: SCRUB FIRE

18:14:25 End of Duplicate Event data

18:14:39 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

18:14:39 - VEGETATION FIRE, Caller Name = TELECOM/PREPAID, Caller Ph Number =

18:14:39 [REDACTED], Caller Address = TELECOM CELLULAR 027,, Call Source = 111Inc

18:14:39 InfoFIRE IN VICINITY, Event Source = Fire 111

18:14:39 INC INFO: FIRE IN VICINITY

18:14:39 End of Duplicate Event data

18:16:02 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

18:16:02 - VEGETATION FIRE, Caller Name = LYTTTELTON, Caller Ph Number = [REDACTED],

18:16:02 Caller Address = TELECOM CELLULAR 027, UNKNOWN, UNKNOWN, Call Source = 111Inc

18:16:02 InfoVEGETATION FIRE, Event Source = Fire 111

18:16:02 INC INFO: VEGETATION FIRE

18:16:02 End of Duplicate Event data

18:16:17 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

18:16:17 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =

18:16:17 [REDACTED], Caller Address = [REDACTED] RAPAKI DRIVE, RAPAKI, CHRISTCHURCH CITY, Call

18:16:17 Source = 111Inc InfoSCRUB FIRE, Event Source = Fire 111

18:16:18 INC INFO: SCRUB FIRE

18:16:18 End of Duplicate Event data

18:24:17 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

18:24:17 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Caller Address = TEDDINGTON,
 18:24:17 Call Source = 111Inc InfoVEGETATION FIRE, Event Source = Fire 111
 18:24:17 INC INFO: VEGETATION FIRE
 18:24:17 End of Duplicate Event data
 18:26:14 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 18:26:14 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
 18:26:14 InfoVEGETATION FIRE, Event Source = Fire 111
 18:26:14 INC INFO: VEGETATION FIRE
 18:26:14 End of Duplicate Event data
 18:28:11 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 18:28:11 - VEGETATION FIRE, Caller Name = FULTON HOGAN LIMITED - [REDACTED], Caller Ph
 18:28:11 Number = [REDACTED], Caller Address = TELECOM CELLULAR 027, BELFAST,
 18:28:11 CHRISTCHURCH CITY, Call Source = 111Inc InfoVEGETATION FIRE, Event Source = Fire
 18:28:11 111
 18:28:12 THIS CALLER HAS EVACFUTED HOUSES OUY TO THE ROAD - HE ALSO ADVISES THAT
 18:28:12 THERE
 18:28:12 ARE 2 HOUSES OT THE TOP THAT HAVE SWIMMING POOLS
 18:28:12 *****
 18:28:12 *****
 18:28:12 INC INFO: VEGETATION FIRE
 18:28:12 End of Duplicate Event data
 18:29:57 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = MIN
 18:29:57 - MINOR, Caller Name = [REDACTED], Caller Ph Number = [REDACTED], Caller
 18:29:57 Address = [REDACTED] HAYS RISE, GOVERNORS BAY, CHRISTCHURCH CITY, Call Source = 111Inc
 18:29:57 InfoSMOKE IN AREA, Event Source = Fire 111
 18:29:57 INC INFO: SMOKE IN AREA
 18:29:57 End of Duplicate Event data
 18:30:52 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG
 18:30:52 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =
 18:30:52 [REDACTED], Caller Address = [REDACTED] WORSLEYS ROAD, CRACROFT, CHRISTCHURCH CITY,
 18:30:52 Call Source = 111Inc InfoSMOKE SHOWING OVER THE HILL , Event Source = Fire 111
 18:30:52 INC INFO: SMOKE SHOWING OVER THE HILL
 18:30:52 End of Duplicate Event data
 18:33:16 Duplicate Event: SELWYN DISTRICTCross Street 1SELWYN RDCross Street 2WATERHOLES
 18:33:16 RD, Type = MIN MINOR, Subtype = default, Caller Name = [REDACTED],
 18:33:16 Caller Ph Number = [REDACTED], Caller Address = [REDACTED] WEEDONS ROAD, ROLLESTON,
 18:33:16 SELWYN DISTRICT, Call Source = 111Alarm Level1Inc InfoSMOKE IN THE VICINITY,
 18:33:16 Event Source = Fire 111
 18:33:18 INC INFO: SMOKE IN THE VICINITY
 18:33:18 MULTIPLE SUBSCRIBERS FOR CALLER NUMBER [REDACTED]. TESA LOOKUP
 18:33:18 RECOMMENDED.
 18:33:18 ** LOI search completed at 13/02/17 18:03:03
 18:33:18 CALLER DOESNT THINK ITS FROM THE EARLY VALLEY
 18:33:18 SHE BELIEVES IT TO BE CLOSER
 18:33:18 TO HER ADDRESS
 18:33:18 Duplicate Event:Location = SELWYN RD,/WATERHOLES RD,ROLLESTON,SELWYN DISTRICT,
 18:33:18 MULTIPLE SUBSCRIBERS FOR CALLER NUMBER [REDACTED]. TESA LOOKUP

RECOMMENDED.

18:33:18 INC INFO: SCRUB ON FIRE

18:33:18 Type = VEG - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph

18:33:18 Number = [REDACTED], Caller Address = [REDACTED] WEEDONS ROAD, ROLLESTON, SELWYN

18:33:18 DISTRICT, Call Source = 111Inc InfoSCRUB ON FIRE, Event Source = Fire 111

18:33:18 End of Duplicate Event data

18:52:09 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = MIN

18:52:09 - MINOR, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoFIRE IN

18:52:09 VICINITY, Event Source = Fire 111

18:52:09 INC INFO: FIRE IN VICINITY

18:52:09 End of Duplicate Event data

18:57:35 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = MIN

18:57:35 - MINOR, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],

18:57:35 Caller Address = [REDACTED] PHIPPS COURT, LINCOLN, SELWYN DISTRICT, Call Source = 111Inc

18:57:35 InfoSMOKE IN AREA, Event Source = Fire 111

18:57:35 INC INFO: SMOKE IN AREA

18:57:35 End of Duplicate Event data

18:58:37 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Caller

18:58:37 Name = [REDACTED], Caller Ph Number = [REDACTED], Caller Address = [REDACTED]

18:58:37 PERYMANS ROAD, LINCOLN, SELWYN DISTRICT, Call Source = 111, Event Source = Fire

18:58:37 111

18:58:37 INC INFO:

18:58:37 MULTIPLE SUBSCRIBERS FOR CALLER NUMBER [REDACTED]. TESA LOOKUP

18:58:37 RECOMMENDED.

18:58:37 End of Duplicate Event data

19:07:14 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = MIN

19:07:14 - MINOR, Caller Name = NEW ZEALAND POLICE, Caller Ph Number = [REDACTED], Caller

19:07:14 Address = [REDACTED] ST ASAPH STREET, CHRISTCHURCH CENTRAL, CHRISTCHURCH CITY, Call

19:07:14 Source = 111Inc InfoSMOKE IN AREA, Event Source = Fire 111

19:07:14 INC INFO: SMOKE IN AREA

19:07:14 End of Duplicate Event data

19:10:24 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

19:10:24 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =

19:10:24 [REDACTED], Caller Address = [REDACTED] JAMES STREET, LINCOLN, SELWYN DISTRICT, Call

19:10:24 Source = 111Inc InfoFIRE IN PLANTATION, Event Source = Fire 111

19:10:25 INC INFO: FIRE IN PLANTATION

19:10:25 End of Duplicate Event data

19:36:30 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = MIN

19:36:30 - MINOR, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoSMOKE IN THE

19:36:30 AREA, Event Source = Fire 111

19:36:30 INC INFO: SMOKE IN THE AREA

19:36:31 End of Duplicate Event data

19:39:27 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

19:39:27 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number =

19:39:27 [REDACTED], Caller Address = [REDACTED] FLORIN PLACE, PREBBLETON, SELWYN DISTRICT, Call

19:39:27 Source = 111Inc InfoFIRE ON THE HILLS, Event Source = Fire 111

19:39:27 INC INFO: FIRE ON THE HILLS

19:39:27 End of Duplicate Event data

19:58:12 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = MIN

19:58:12 - MINOR, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],

19:58:12 Caller Address = [REDACTED] HILLIER PLACE, SPREYDON, CHRISTCHURCH CITY, Call Source =

19:58:12 111Inc InfoSMOKE IN THE AREA, Event Source = Fire 111

19:58:12 INC INFO: SMOKE IN THE AREA

19:58:12 End of Duplicate Event data

20:21:28 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = MIN

20:21:28 - MINOR, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoSMOKE IN AREA,

20:21:28 Event Source = Fire 111

20:21:29 INC INFO: SMOKE IN AREA

20:21:29 End of Duplicate Event data

21:05:34 Duplicate Event:Location = [REDACTED] EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type =

21:05:34 STRU - STRUCTURE FIRE, Caller Name = SELWYN DISTRICT COUNCIL (MOBILE), Caller Ph

21:05:34 Number = [REDACTED], Caller Address = TELECOM CELLULAR 027,, Call Source =

21:05:34 111Inc InfoFIRE THREATENING HOUSE, Event Source = Fire 111

21:05:34 INC INFO: FIRE THREATENING HOUSE

21:05:35 End of Duplicate Event data

00:13:33 Duplicate Event: POTTERS LA SELWYN DISTRICTCross Street 1BURKES BUSH RD, Type =

00:13:33 VEG VEGETATION FIRE, Subtype = default, Caller Ph Number = [REDACTED], Call

00:13:33 Source = 111Alarm Level1Inc InfoFIRE IS REIGNITED, Event Source = Fire 111

00:13:34 INC INFO: FIRE IS REIGNITED

00:13:34 ** ELOI search completed at 14/02/17 00:10:44 - 1 result

00:13:34 ** LOI search completed at 14/02/17 00:10:47

00:13:34 End of Duplicate Event data

00:23:25 Duplicate Event:Location = [REDACTED] EARLY VALLEY RD SELWYN DISTRICTCross Street 1OLD

00:23:25 TAI TAPU RD, Type = VEG VEGETATION FIRE, Subtype = default, Caller Ph Number =

00:23:25 [REDACTED], Call Source = 111Alarm Level1Inc InfoFIRE RIGHT BY THE FRONT DOOR,

00:23:25 Event Source = Fire 111

00:23:27 INC INFO: FIRE RIGHT BY THE FRONT DOOR

00:23:27 ** ELOI search completed at 14/02/17 00:22:05 - 1 result

00:23:27 ** LOI search completed at 14/02/17 00:22:07

00:23:27 End of Duplicate Event data

05:15:20 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

05:15:20 - VEGETATION FIRE, Caller Name = INDEPENDENT DISTRIBUTORS LIMITED, Caller Ph

05:15:20 Number = [REDACTED], Caller Address = TELECOM CELLULAR 027, MOTUEKA, TASMAN

05:15:20 DISTRICT, Call Source = 111Inc InfoFIRE IN PORT HILLS , Event Source = Fire 111

05:15:21 INC INFO: FIRE IN PORT HILLS

05:15:21 INC INFO: FIRE IN PORT HILLS

05:15:21 End of Duplicate Event data

07:41:33 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

07:41:33 - VEGETATION FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc InfoHOT

07:41:33 SPOTS AT THE BOTTOM OF THE VALLEY , Event Source = Fire 111

07:41:34 INC INFO: HOT SPOTS AT THE BOTTOM OF THE VALLEY

07:41:34 End of Duplicate Event data

07:46:55 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

07:46:55 - VEGETATION FIRE, Caller Name = PREPAID/PREPAID, Caller Ph Number =
07:46:55 [REDACTED], Caller Address = TELECOM CELLULAR 027, KARORI, WELLINGTON CITY,
07:46:55 Call Source = 111Inc InfoFIRE STARTED LOWER DOWN RD , Event Source = Fire 111
07:46:55 INC INFO: FIRE STARTED LOWER DOWN RD
07:46:55 End of Duplicate Event data
10:21:07 Duplicate Event: EARLY VALLEY RD SELWYN DISTRICTCross Street 1OLD TAI TAPU RD,
10:21:07 Type = VEG VEGETATION FIRE, Subtype = default, Caller Ph Number = [REDACTED],
10:21:07 Call Source = 111Alarm Level1Inc InfoBROOME BUSHES ON FIRE, Event Source = Fire
10:21:07 111
10:21:08 INC INFO: BROOME BUSHES ON FIRE
10:21:08 ** ELOI search completed at 14/02/17 10:14:52 - 1 result
10:21:08 ** LOI search completed at 14/02/17 10:14:54
10:21:08 CALLER AT [REDACTED] EARLY VALLEY RD SAYS ANOTHER FIRE TOWARDS THE END OF THE
10:21:08 ROAD ON
10:21:08 THE RIGHT GETTING CLOSE TO HOUSES AND IS WORRIED
10:21:08 End of Duplicate Event data
11:36:52 Duplicate Event: NULL CHRISTCHURCH CITY @GOVERNORS BAYCross Street
11:36:52 1CRYSTALWOOD
11:36:52 LACross Street 2JETTY RD, Type = ADV ADVISED, Subtype = default, Caller Name =
11:36:52 [REDACTED], Caller Ph Number = [REDACTED], Caller Address = [REDACTED] MAIN
11:36:52 ROAD, GOVERNORS BAY, CHRISTCHURCH CITY, Call Source = 111Alarm Level1Inc
11:36:52 InfoFIRE BETWEEN BIVVY TRK AND ELLAS TRK, Event Source = Fire 111
11:36:53 INC INFO: FIRE BETWEEN BIVVY TRK AND ELLAS TRK
11:36:53 ** ELOI search completed at 14/02/17 11:33:19 - 1 result
11:36:53 ** LOI search completed at 14/02/17 11:33:26
11:36:53 CALLER CLAIMED THE FIRE IS BURNING DOWN THE HILL
11:36:53 PASSED TO EOC SELWYN TO LOGISTICS DESK
11:36:54 End of Duplicate Event data
12:21:30 Duplicate Event:Location = [REDACTED] EARLY VALLEY RD SELWYN DISTRICTCross Street 1OLD
12:21:30 TAI TAPU RD, Type = ADV ADVISED, Subtype = default, Caller Name = NORTH WEST
12:21:30 LTD, Caller Ph Number = [REDACTED]3, Caller Address = TELECOM CELLULAR 027,
12:21:30 OAMARU, WAITAKI DISTRICT, Call Source = 111Alarm Level1Inc InfoFIRE GETTING
12:21:30 REALLY CLOSE TO BOUNDARY , Event Source = Fire 111
12:21:31 INC INFO: FIRE GETTING REALLY CLOSE TO BOUNDARY
12:21:31 ** ELOI search completed at 14/02/17 12:10:39 - 1 result
12:21:31 ** LOI search completed at 14/02/17 12:10:41
12:21:31 ** Event Type changed from MIN to ADV at: 14/02/17 12:10:53
12:21:31 ** Event Priority changed from 2 to 9 at: 14/02/17 12:10:53
12:21:31 **
12:21:31 **
12:21:31 BOUNDARY OF PROPERTY
12:21:31 INFO PASSED TO SELW9480
12:21:31 End of Duplicate Event data
12:56:50 Duplicate Event: SUMMIT RD CHRISTCHURCH CITYCross Street 1DYERS PASS RDCross
12:56:50 Street 2WORSLEYS RD, Type = VEG VEGETATION FIRE, Subtype = default, Caller Name
12:56:50 = [REDACTED], Caller Ph Number = [REDACTED], Caller Address = TELECOM
12:56:50 CELLULAR 027, WELLINGTON CENTRAL, WELLINGTON CITY, Call Source = 111Alarm

12:56:50 Level1Inc InfoSCRUB FIRE, Event Source = Fire 111
 12:56:51 FIRE HAS NOW GONE OVER THE RIDGE
 12:56:51 INC INFO: SCRUB FIRE
 12:56:51 ** ELOI search completed at 14/02/17 12:54:18 - 1 result
 12:56:51 ** LOI search completed at 14/02/17 12:54:20
 12:56:51 NOT RFO HAND ADVISED
 12:56:51 End of Duplicate Event data
 15:37:54 Duplicate Event:Location = [REDACTED] EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type =
 15:37:54 ADV - ADVISED, Caller Name = [REDACTED], Caller Ph Number =
 15:37:54 1021090000, Call Source = 111Inc InfoFIRE COMING OUT OF FORREST , Event Source =
 15:37:54 Fire 111
 15:37:54 INC INFO: FIRE COMING OUT OF FORREST
 15:37:54 End of Duplicate Event data
 16:15:33 Duplicate Event: MAIN RD CHRISTCHURCH CITYCross Street 1HOLLYBANK LACross Street
 16:15:33 2GOVERNORS BAY TEDDINGTON RD, Type = VEG VEGETATION FIRE, Subtype = default,
 16:15:33 Caller Name = [REDACTED], Caller Ph Number = [REDACTED], Caller
 16:15:33 Address = [REDACTED] MAIN ROAD, GOVERNORS BAY, CHRISTCHURCH CITY, Call Source = 111Alarm
 16:15:33 Level1Inc InfoREPORT FIRE HAS BROKEN INTO GULLY, Event Source = Fire 111
 16:15:34 INC INFO: REPORT FIRE HAS BROKEN INTO GULLY
 16:15:34 ** ELOI search completed at 14/02/17 16:07:23 - 1 result
 16:15:34 ** LOI search completed at 14/02/17 16:07:24
 16:15:34 CALLER WITH LOCAL CIVIL DEFENCE
 16:15:34 SAYS FIRE HAS BROKEN OUT OF GULLY
 16:15:34 COMING INTO VALLEY ABOVE ADDRESS
 16:15:34 CAN SEE HELICOPTERS FIGHTING OTHER FIRE
 16:15:34 BEST ACCESS POSSIBLY THROUGH [REDACTED] MAIN RD
 16:15:34 XX
 16:15:34 INC INFO: SMOKE AND EMBERS IN THE AREA
 16:15:34 Duplicate Event:Location = MAIN RD,ALLANDALE,CHRISTCHURCH CITY, Type = MIN -
 16:15:34 MINOR, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],
 16:15:34 Caller Address = [REDACTED] NGAIO LANE, CHARTERIS BAY, CHRISTCHURCH CITY, Call Source =
 16:15:34 111Inc InfoSMOKE AND EMBERS IN THE AREA , Event Source = Fire 111
 16:15:34 End of Duplicate Event data
 16:42:54 Duplicate Event: KENNEDYS BUSH RD CHRISTCHURCH CITYCross Street 1KAPUKA LACross
 16:42:54 Street 2WATLINGS PL, Type = VEG VEGETATION FIRE, Subtype = default, Caller Name
 16:42:54 = [REDACTED], Caller Ph Number = [REDACTED], Caller Address = TELECOM
 16:42:54 CELLULAR 027, KAIPARA FLATS, AUCKLAND CITY, Call Source = 111Alarm Level1Inc
 16:42:54 InfoFLAMES SEEN FROM, Event Source = Fire 111
 16:42:54 YOU WALK UP AND THERE IS A WALKING TRACK AND A DIRT TRACK
 16:42:54 GETTING CLOSE TO THE HOUSES
 16:42:54 UPHILL
 16:42:54 INC INFO: FLAMES SEEN FROM
 16:42:54 ** ELOI search completed at 14/02/17 16:40:06 - 1 result
 16:42:54 ** LOI search completed at 14/02/17 16:40:09
 16:42:54 ** ELOI search completed at 14/02/17 16:40:27 - 1 result
 16:42:54 ** LOI search completed at 14/02/17 16:40:29

16:42:55 End of Duplicate Event data

16:45:49 Duplicate Event: MAIN RD CHRISTCHURCH CITY @ST CUTHBERTS ANGLICAN CHURCH

16:45:49 OHINETAHICross Street 1HOLLYBANK LACross Street 2GOVERNORS BAY TEDDINGTON RD,

16:45:49 Type = ADV ADVISED, Subtype = default, Caller Name = ANGLICAN DIOCESE OF

16:45:49 CHRISTCHURCH, Caller Ph Number = [REDACTED], Caller Address = [REDACTED] MAIN SOUTH

16:45:49 ROAD, SOCKBURN, CHRISTCHURCH CITY, Call Source = 111Alarm Level1Inc InfoFIRE

16:45:49 GETTING CLOSE TO HISTORIC BUILDING , Event Source = Fire 111

16:45:50 INC INFO: FIRE GETTING CLOSE TO HISTORIC BUILDING

16:45:50 ** ELOI search completed at 14/02/17 16:39:57 - 1 result

16:45:50 ** LOI search completed at 14/02/17 16:39:59

16:45:50 End of Duplicate Event data

19:02:13 Duplicate Event:Location = [REDACTED] EARLY VALLEY RD SELWYN DISTRICT, 6Cross Street

19:02:13 1OLD TAI TAPU RD, Type = ADV ADVISED, Subtype = default, Call Source = 111Alarm

19:02:13 Level1Inc InfoFIRE FLARE UP

19:02:14 INC INFO: FIRE FLARE UP

19:02:14 ** ELOI search completed at 14/02/17 18:44:56 - 1 result

19:02:14 ** LOI search completed at 14/02/17 18:44:58

19:02:14 CALL FROM RESIDENT

19:02:14 FIRE FLARE UP AT THE LOCATION OF WHERE THE HOUSE BURNT DOWN

19:02:14 End of Duplicate Event data

06:41:47 Duplicate Event:Location = [REDACTED] EARLY VALLEY RD SELWYN DISTRICTCross Street 1OLD

06:41:47 TAI TAPU RD, Type = VEG VEGETATION FIRE, Subtype = default, Caller Name =

06:41:47 DUFF/ALISON, Caller Ph Number = [REDACTED], Caller Address = TELECOM CELLULAR

06:41:47 027, KARORI, WELLINGTON CITY, Call Source = 111Alarm Level1Inc InfoREIGNITION OF

06:41:47 FIRE, Event Source = Fire 111

06:41:49 INC INFO: REIGNITION OF FIRE

06:41:49 ** ELOI search completed at 15/02/17 06:34:47 - 1 result

06:41:49 ** LOI search completed at 15/02/17 06:34:49

06:41:49 THREATENING PROPERTY

06:41:49 DESCRIBED AS SIZE OF A LARGE TRUCK

06:41:49 ** Recommended unit ADDI221 for requirement PUMP (>7.8 km)

06:41:49 AL: PAGING ACK RECEIVED FROM STATION 3422 at 15/02/17 06:37:26

06:41:49 -

06:41:49 RFOSELWYN1 WILL RESPOND A SMOKE CHASER TO THIS FIRE

06:41:49 ** Event held for 60 minutes and unit ADDI221

06:41:49 End of Duplicate Event data

06:47:16 Duplicate Event: EARLY VALLEY RD SELWYN DISTRICTCross Street 1OLD TAI TAPU RD,

06:47:16 Type = VEG VEGETATION FIRE, Subtype = default, Caller Ph Number = [REDACTED],

06:47:16 Call Source = 111Alarm Level1Inc InfoNEW FIRE, Event Source = Fire 111

06:47:17 INC INFO: NEW FIRE

06:47:17 ** ELOI search completed at 15/02/17 06:42:58 - 1 result

06:47:17 ** LOI search completed at 15/02/17 06:43:03

06:47:17 APPROX 400 METERS BELOW THE BURNT OUT AREA

06:47:17 End of Duplicate Event data

06:49:01 Duplicate Event:Location = EARLY VALLEY RD,LANSDOWNE,SELWYN DISTRICT, Type = VEG

06:49:01 - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],

06:49:01 Caller Address = [REDACTED] KENNEDYS BUSH ROAD, KENNEDYS BUSH, CHRISTCHURCH CITY,
Call

06:49:01 Source = 111Inc InfoFIRE IN TREES, Event Source = Fire 111

06:49:01 INC INFO: FIRE IN TREES

06:49:02 End of Duplicate Event data

07:31:53 Duplicate Event: MAIN RD CHRISTCHURCH CITYCross Street 1HOLLYBANK LACross Street
2GOVERNORS BAY TEDDINGTON RD, Type = ADV ADVISED, Subtype = default, Caller Ph
07:31:53 Number = [REDACTED], Call Source = 111Alarm Level1Inc InfoBLOCK OF PINES TREE
07:31:53 ON FIRE , Event Source = Fire 111

07:31:55 INC INFO: BLOCK OF PINES TREE ON FIRE

07:31:55 ** ELOI search completed at 15/02/17 07:27:56 - 1 result

07:31:55 ** LOI search completed at 15/02/17 07:27:59

07:31:55 INC INFO: BLOCK OF PINE TREES ON FIRE

07:31:55 Duplicate Event:Location = MAIN RD,ALLANDALE,CHRISTCHURCH CITY, Type = VEG -
07:31:55 VEGETATION FIRE, Call Source = 111Inc InfoBLOCK OF PINE TREES ON FIRE

07:31:55 End of Duplicate Event data

07:32:06 Duplicate Event:Location = [REDACTED] ALLANDALE LA CHRISTCHURCH CITYCross Street
07:32:06 1GOVERNORS BAY TEDDINGTON RD, Type = ADV ADVISED, Subtype = default, Caller Ph
07:32:06 Number = [REDACTED], Call Source = 111Alarm Level1Inc InfoFIRE GETTING NEAR
07:32:06 HOUSE, Event Source = Fire 111

07:32:07 INC INFO: FIRE GETTING NEAR HOUSE

07:32:07 ** ELOI search completed at 15/02/17 07:22:41 - 1 result

07:32:07 ** LOI search completed at 15/02/17 07:22:43

07:32:07 .

07:32:08 End of Duplicate Event data

07:45:29 Duplicate Event: GOVERNORS BAY TEDDINGTON RD CHRISTCHURCH CITYCross Street
07:45:29 1ALLANDALE LACross Street 2MAIN RD, Type = VEG VEGETATION FIRE, Subtype =
07:45:29 default, Caller Ph Number = [REDACTED], Call Source = 111Alarm Level1, Event
07:45:29 Source = Fire 111

07:45:30 INC INFO:

07:45:30 ** ELOI search completed at 15/02/17 07:45:19 - 1 result

07:45:30 ** LOI search completed at 15/02/17 07:45:21

07:45:30 End of Duplicate Event data

09:51:24 Duplicate Event:Location = [REDACTED] HOLMES RD SELWYN DISTRICTCross Street 1OLD TAI
09:51:24 TAPU RDCross Street 2HOLMESWOOD RISE, Type = STRU STRUCTURE FIRE, Subtype =
09:51:24 default, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],
09:51:24 Caller Address = TELECOM CELLULAR 027, ONEROA, AUCKLAND CITY, Call Source =
09:51:24 111Alarm Level1Inc InfoTREES ON FIRE AND HOUSE IN DANGER, Event Source = Fire
09:51:24 111

09:51:26 INC INFO: TREES ON FIRE

09:51:26 ** ELOI search completed at 15/02/17 09:41:35 - 1 result

09:51:26 ** LOI search completed at 15/02/17 09:41:37

09:51:26 [REDACTED]

09:51:26 [REDACTED]

09:51:26 RETIRED FIRE FIGHTER IN ATTENDANCE

09:51:26 HOUSE IS IN ENDANGER

09:51:26 IN DANGER

09:51:26 [REDACTED]

09:51:26 ** Event Type changed from VEG to STRU at: 15/02/17 09:43:53

09:51:26 ** Event Priority changed from 2 to 1 at: 15/02/17 09:43:53

09:51:26 **

09:51:26 **

09:51:26 SELW9480 RESPONDING CREWS ROUND THERE NOW

09:51:26 T3 TIMES - WHEN CALLER WAS ASKED 'HOLMES ROAD IN WHAT AREA' SHE ANSWERED WITH

09:51:26 'WHERE THE BIG FIRE IS...' - SHE WASN'T FORTHCOMING WITH THE AREA NOR WHAT ROAD

09:51:26 HOLMES ROAD CAME OFF

09:51:27 End of Duplicate Event data

07:10:22 Duplicate Event: SUMMIT RD SELWYN DISTRICT @AIRWAYS CORPORATION OF NEW ZEALAND

07:10:22 CASS PEAK SECONDARY RADAR Cross Street 1 WORSLEYS RD Cross Street 2 GEBBIES PASS RD,

07:10:22 Type = ADV ADVISED, Subtype = default, Caller Name = AIRWAYS CORPORATION OF NEW ZEALAND LTD, Caller Ph Number = [REDACTED], Caller Address = 20 SIR WILLIAM PICKERIN DRIVE, BURNSIDE, CHRISTCHURCH CITY, Call Source = 111 Alarm Level 1 Inc

07:10:22 Info RADAR HEADS ON CASS PEAKE, Event Source = Fire 111

07:10:23 RADAR HEADS

07:10:23 GOLF BALL TYPE RADAR ON CASS PEAKE ON THE RIDGE LINE

07:10:23 CRITICAL FOR AIRLINES TRAFFIC CONTROL

07:10:23 0335

07:10:23 TECHNICAL CO-ORDINATOR

07:10:23 INC INFO: RADAR HEADS ON CASS PEAKE

07:10:23 ** LOI search completed at 13/02/17 19:42:54

07:10:23 ** ELOI search completed at 13/02/17 19:42:54 - 1 result

07:10:23 ** Event Location changed from "SUMMIT RD, KENNEDYS BUSH, CHRISTCHURCH CITY" to "SUMMIT RD, ALLANDALE, SELWYN DISTRICT: @AIRWAYS CORPORATION OF NEW ZEALAND CASS

07:10:23 PEAK SECONDARY RADAR" at: 13/02/17 19:49:50

07:10:23 **

07:10:23 ** ELOI search completed at 13/02/17 19:49:51 - 1 result

07:10:23 ** LOI search completed at 13/02/17 19:49:53

07:10:23 1000L DIESEL TANK (CONCRETE) AND LARGE BANK OF BATTERIES ON SITE

07:10:23 GENERATOR IS RUNNING AT PRESENT

07:10:23 INC INFO: SMOKE SHOWING BY RADAR DOME

07:10:23 Duplicate Event: Location = SUMMIT RD, KENNEDYS BUSH, SELWYN DISTRICT, Type = VEG - VEGETATION FIRE, Caller Name = [REDACTED], Caller Ph Number = [REDACTED],

07:10:23 Caller Address = TELECOM CELLULAR 027, BLENHEIM, MARLBOROUGH DISTRICT, Call Source = 111 Inc Info SMOKE SHOWING BY RADAR DOME, Event Source = Fire 111

07:10:23 End of Duplicate Event data

07:10:23 Duplicate Event: Location = SUMMIT RD, ALLANDALE, SELWYN DISTRICT, Type = ADV - ADVISED, Caller Name = STREAM GROUP (NZ) PTY LIMITED, Caller Ph Number = [REDACTED],

07:10:23 [REDACTED], Caller Address = TELECOM CELLULAR 027, KARORI, WELLINGTON CITY, Call Source = 111 Inc Info FIRE ALLANDALE SIDE, Event Source = Fire 111

07:10:23 End of Duplicate Event data

07:14:49 Duplicate Event: CHRISTCHURCH CITYCross Street 1EARLY VALLEY RDCross Street 2OLD
 07:14:49 TAI TAPU RD, Type = NE NON EMERGENCY, Subtype = default, Call Source = EXCHAlarm
 07:14:49 Level1Inc InfoCOVER MOVE TO CONTROL POINT
 07:14:50 INC INFO: COVER MOVE TO CONTROL POINT
 07:14:50 ** ELOI search completed at 15/02/17 15:13:58 - 1 result
 07:14:50 ** LOI search completed at 15/02/17 15:14:00
 07:14:50 Unit DUNS4411 [K22-1 : UNIT AVAILABLE FOR A FURTHER EVENT]
 07:14:50 Unit WAIK1811 [K22-1 : UNIT AVAILABLE FOR A FURTHER EVENT]
 07:14:50 Unit WAIK1811 [K1 : PROCEEDING TO INCIDENT]
 07:14:50 ** Event held for 60 minutes and unit WAIK1811
 07:14:50 End of Duplicate Event data

07:15:34 Duplicate Event: NULL CHRISTCHURCH CITY @KENNEDYS BUSHCross Street 1HYNDHOPE
 07:15:34 RDCross Street 2KAPUKA LA, Type = 1F POL2FIR ASSIST FIRE/AMBULANCE/TRAFFIC
 07:15:34 POLICE REQUEST FIRE ASSIST, Subtype = 2 default, Call Source = PHONEAlarm
 07:15:34 Level1Inc InfoUNITS STATING FIRE GETTING VERY CLOSE - THEY ARE STARTING EVAC
 07:15:35 HEADLINE: UNITS STATING FIRE GETTING VERY CLOSE - THEY ARE STARTING EVAC
 07:15:35 ** LOI search completed at 15/02/17 16:20:17
 07:15:35 RRRR
 07:15:35 ** ELOI search completed at 15/02/17 16:20:39 - 1 result
 07:15:35 CALLS BEING MADE TO RESIDENTS OF KENNEDYS BUSH
 07:15:35 CHS5C - O/C
 07:15:35 CORDON - KENNEDYS BUSH/CASHMERE
 07:15:35 ** LOI search completed at 15/02/17 16:27:10
 07:15:35 ** LOI search completed at 15/02/17 16:34:22
 07:15:35 .
 07:15:35 CHI56 CLEARING WATLINGS
 07:15:35 .
 07:15:35 3 STAFF ON CORDON, STOPPING TRAFFIC
 07:15:35 SFP [REDACTED] KENNEDY BUSY ROAD,
 07:15:35 THERE IS A CHILD HOME ALONE AT [REDACTED] KENNEDYS BUSH RD, IN CASE WE NEED TO
 07:15:35 EVACUATE FURTHER
 07:15:35 .
 07:15:35 [REDACTED] KENNEDYS BUSH ROAD
 07:15:35 FIRE IS ADVANCING
 07:15:35 .
 07:15:35 THE ROACKS HAVE BEEN CLEAERED
 07:15:35 .
 07:15:35 [REDACTED] UP HAS BEEN CLEARED
 07:15:35 ALL OF KENNEDEYS BUSH WILL BE EVACUATED IN CASE OF WIND CHANGE
 07:15:35 .
 07:15:35 *SEN ADVISED ABOUT CHILD AT [REDACTED] - WILL HAVE STAFF EVA THEM
 07:15:35 * [REDACTED] YRO PERSON AT [REDACTED] - MOP WERE GOING TO EVAC THEM - WILL DOUBLE CHECK THIS
 07:15:35 .
 07:15:35 .
 07:15:35 .

07:15:35 *ALL STAFF LEAVING TOP OF KENNEDYS BUSH ROAD
07:15:35 .
07:15:35 *COMMS ARE MAKING CALLS TO ALL PROPERTIES ON KENNEDYS BUSH ROAD TO EVA
07:15:35 UNITS PULLING OUT
07:15:35 FIRE CROSSING ROAD APPROX [REDACTED]
07:15:35 .
07:15:35 [REDACTED] UP HAS NOW BEEN DOWN
07:15:35 CCC DONE
07:15:35 .
07:15:35 SEN - UNITS CALLING ALL PROPERTIES ON KENNEDYS
07:15:35 UNITS WORKING DOWN KENNEDYS BUSH
07:15:35 .
07:15:35 DCC ADVISED TO CALL COUNCIL REGARDING A TEXT TO RESIDENTS TO GET TO GET
07:15:35 READY TO
07:15:35 EVAC
07:15:35 .
07:15:35 * [REDACTED] KENNEDYS BUSH ROAD - [REDACTED] REFUSING TO LEAVE PROPERTY
07:15:35 .
07:15:35 *PIONEER STADIUM IS OPEN - PEOPLE TO BE DIRECTED THERE
07:15:35 .
07:15:35 ** LOI search completed at 15/02/17 17:32:52
07:15:35 [REDACTED] KENNEDYS BUSH ROAD - ELDERLEY FEMALE NOT RESPONDING TO CALLS
07:15:35 UNITS GOING TO CHECK ADDRESS
07:15:35 .
07:15:35 .
07:15:35 POLICE VEH ON KENNEDYS BUSH ROAD OUTSIDE [REDACTED]
07:15:35 KEYS HAVE BEEN LOST/STOLEN
07:15:35 REGO HLE462
07:15:35 POSSIBLY CRZ11 IS THE UNIT
07:15:35 DCC ADVISED - TRYING TO LOCATE SPARE KEYS
07:15:35 ,
07:15:35 .
07:15:35 [REDACTED] KENNEDYS BUSH - [REDACTED] - REFUSING TO LEAVE PROPERTY
07:15:35 .
07:15:35 ***REGO FOR VEHICLE ABOVE HLE462***
07:15:35 CCCCC
07:15:35 HLE462
07:15:35 .
07:15:35 .
07:15:35 ** Event held for 1500 minutes
07:15:35 .
07:15:35 1 CLO UNIT IS PATROLLING IN AREA
07:15:35 CLO IS HOO1
07:15:35 HOO1A
07:15:35 CHW3 IS TAKING CORDON CASHMERE/KENNEDYS
07:15:35 ** LOI search completed at 15/02/17 18:40:59

07:15:35 .

07:15:35 CRZS11 ADVISES VEHICLE ON KENNEDYS BUSH ROAD HAS BEEN RETRIEVED @1850

07:15:35 ** LOI search completed at 15/02/17 19:32:09

07:15:35 ** LOI search completed at 15/02/17 19:36:30

07:15:39 End of Duplicate Event data

10:46:30 Duplicate Event: EST (22m) [REDACTED] DYERS PASS RD,CASHMERE,CHRISTCHURCH CITY, Type =

10:46:30 1F ASSIST FIRE/AMBULANCE/TRAFFIC, Subtype = 2, Call Source = OFFICER, Alarm

10:46:30 Level = 1

10:46:31 Field Event

10:46:31 \$CHWS2: mobile responder field event created

10:46:31 \$CHWS2: accuracy +/- 5m

10:46:31 \$CHWS2: gps location obtained at wed feb 15 2017 18:06:43 gmt 1300 (nzdt)

10:46:31 ** LOI search completed at 15/02/17 18:07:00

10:46:31 ** Event Type changed from 3M(2) to 1F(2) at: 15/02/17 21:02:10

10:46:31 **

10:46:31 .

10:46:31 FIRE IS NOW APPROACHING THE TAKAHE

10:46:31 EOC REQUESTING UNITS LOOK AT EVACUATING PROPERTIES THERE

10:46:31 .

10:46:31 COMMS WILL START CALLING NUMBERS OF PROPERTIES ONCE CONFIRMED ROADS

10:46:31 .

10:46:31 CHWS2 WILL SPEAK WITH FIRE ON SCENE TO CONFIRM WHETHER EVACS NEEDED

10:46:31 .

10:46:31 .

10:46:31 SITREP NIL EVAC NEEDED AT THIS STAGE

10:46:31 EOC STATES EVERYTHING SOUTH OF TAKAHE DRIVE TO BE EVACUATED

10:46:31 ** LOI search completed at 15/02/17 21:28:06

10:46:31 .

10:46:31 PEOPLE AT [REDACTED] DYERS PASS ROAD HAVE BEEN ADVISED - LEAVING PROPERTY NOW

10:46:31 COMMS ARE MAKING CALLS TO SURROUNDING PROPERTIES FOR THEM TO EVAC

10:46:31 .

10:46:31 CHWS2 CLEARING [REDACTED] PENTREE TCE

10:46:31 CASHMERE/HOON HAY VALLEY RD NEW SFP

10:46:31 FIRE HASNT REACHED DYERS PASS INTERSECTION WITH POWER LINES

10:46:31 IGNORE ABOVE RE CASHMERE/HOON HAY VALLEY

10:46:31 CRP44 ASSISTING PENTRE TCE EVAC

10:46:31 FIRE HAS COME OVER HILL TWDS POWERLINES @2208 - WITHIN 500-800 M FROM REPEATER

10:46:31 [REDACTED] PARKED VIC PARK RD - ATTEMPTS MADE TO CONTACT R/O - NO LUCK SO FAR

10:46:31 [REDACTED] NUMBER IS [REDACTED] - STRAIGHT TO V/M

10:46:31 .

10:46:31 SOUTHERN DCC TAS DCC NCC CCC ADVISED SCC GOING TO AMBER ALERT REGARDING THE

10:46:31 REPEATER THREAT

10:46:31 .

10:46:31 [REDACTED]

10:46:31 .

10:46:31 ■ LONGHURST CLEAR
 10:46:31 VEH ABOVE HAS BEEN MOVED
 10:46:31 .
 10:46:31 CRP44 HOLDING AT RESIDENTIAL EDGE ON DYERS PASS
 10:46:31 ** LOI search completed at 15/02/17 22:37:27
 10:46:31 FIRE HASNT REACHED POWER LINES - 100M OFF
 10:46:31 .
 10:46:31 .
 10:46:31 ■ DYERS PASS RESIDENT REFUSING TO LEAVE AT THE MOMENT
 10:46:31 ..
 10:46:31 CHA2 TAKING COMMAND AND CONTROL @ 2300HRS
 10:46:31 CHWS2 OFF ■ DYERS
 10:46:31 CRP44 DYERS/LONGHURST @0132
 10:46:31 CRP44 GOING 10-0
 10:46:33 End of Duplicate Event data
 16:40:12 Duplicate Event: Location = ■ EARLY VALLEY RD SELWYN DISTRICT Cross Street 1 OLD
 16:40:12 TAI TAPU RD, Type = VEG VEGETATION FIRE, Subtype = default, Caller Ph Number =
 16:40:12 ■, Call Source = 111 Alarm Level 1 Inc Info FLARE UP, Event Source = Fire
 16:40:12 111
 16:40:12 INC INFO: FLARE UP
 16:40:12 ** ELOI search completed at 16/02/17 16:18:32 - 1 result
 16:40:12 ** LOI search completed at 16/02/17 16:18:34
 16:40:12 Duplicate Event: EARLY VALLEY RD SELWYN DISTRICT Cross Street 1 OLD TAI TAPU RD,
 16:40:12 Type = VEG VEGETATION FIRE, Subtype = default, Caller Name = NORTH WEST LTD,
 16:40:12 Caller Ph Number = ■, Caller Address = TELECOM CELLULAR 027, OAMARU,
 16:40:12 WAITAKI DISTRICT, Call Source = 111 Alarm Level 1 Inc Info FLARE UP ABOVE MACRCARPAS
 16:40:12 END OF VALLEY, Event Source = Fire 111
 16:40:12 INC INFO: FLARE UP ABOVE MACRCARPAS END OF VALLEY
 16:40:12 End of Duplicate Event data
 07:32:51 Duplicate Event: EARLY VALLEY RD SELWYN DISTRICT Cross Street 1 OLD TAI TAPU RD,
 07:32:51 Type = ADV ADVISED, Subtype = default, Caller Ph Number = ■, Call
 07:32:51 Source = 111 Alarm Level 1 Inc Info SMOKE, Event Source = Fire 111
 07:32:51 CALLER DRIVING ON MOTORWAY CAN SEE SMOKE NEAR THE TOP OF THE BURNT AREA
 07:32:51 INC INFO: SMOKE
 07:32:51 ** ELOI search completed at 23/02/17 07:28:34 - 1 result
 07:32:51 ** LOI search completed at 23/02/17 07:28:37
 07:32:52 End of Duplicate Event data
 20:17:10 Duplicate Event: SUMMIT RD CHRISTCHURCH CITY Cross Street 1 WORSLEYS RD Cross
 20:17:10 Street 2 GEBBIES PASS RD, Type = ADV ADVISED, Subtype = default, Caller Name =
 20:17:10 ■, Caller Ph Number = ■, Caller Address = ■ KENNEDYS
 20:17:10 BUSH ROAD, KENNEDYS BUSH, CHRISTCHURCH CITY, Call Source = 111 Alarm Level 1 Inc
 20:17:10 Info SMOKE SEEN, Event Source = Fire 111
 20:17:12 INC INFO: SMOKE SEEN
 20:17:12 ** ELOI search completed at 04/03/17 19:44:58 - 1 result
 20:17:12 ** LOI search completed at 04/03/17 19:45:00
 20:17:12 RFO HADCOCK ACK PAGE AND IS HAPPY FOR WARREN TO HANDLE IT AND IF HE IS REQ
 RE

20:17:12 PAGE RFO CCC AND HE CAN RESPOND
20:17:12 XXXXXXXXXXXX
20:17:12 CONTACTED WARREN HUNT RFO CCC
20:17:12 NO STAFF ON THE HILL TONIGHT!
20:17:12 NO COMMUNICATION WITH FIRECOM AT ALL!!!!!!
20:17:12 UNITS ATTACHED TO INCIDENT ARE ALL STOOD DOWN FOR THE EVENING AND AT
LINCOLN OR
20:17:12 BURNHAM FOR THE NIGHT
20:17:12 XX
20:17:12 RFO HUNT WILL CALL THE CALLER FOR BETTER DETAILS AS THERE ARE SEVERAL
"SMOKERS"
20:17:12 STILL VISIBLE IN THAT AREA
20:17:12 XX
20:17:12 XXXXXXXXXXXXXXXX
20:17:12 WARREN HUNT HAS CONTACTED CALLER AND CONFIRMED THIS IS IN A PEATY AREA
AND HAS
20:17:12 ALREADY DISAPPEARED
20:17:12 X
20:17:12 NO ACTION REQUIRED
20:17:13 End of Duplicate Event data

Appendix 6 Incendiary Fires Report

Incendiary fire calls Christchurch Fire Area 13 Feb 2016 – 13 Feb 2017

447

Suspicious fire calls on 13 February 2017 in Christchurch Metro Fire Area

1. F2245450 1445 hrs – Addington School, 21 Brougham St – Vehicle fire
2. F2245759 2013 hours Suburbs Rugby Football Club 99 Mathers Rd, Hoon Hay – structure – (hall)

Fire Calls – Incendiary close to Point of fire origin Early Valley Road fire in the month before

1. F2228605 18 January 2017 2232 hrs – [REDACTED] Milns Rd, Halswell – Structure (Shed)
2. F2232715 24 January 2017 2054 Hrs – [REDACTED] Milns Rd, Halswell – Structure (house minor damage)
3. F2233438 26 January 2017 0118 hrs – William Brittan Ave, Halswell – Vehicle fire
4. F2234110 26 January 2017 2330 hrs – Oaklands School 37 Cunningham Place, Halswell – Rubbish skip
5. F2234130 27 January 2017 0123 Hrs – Nicholls Rd, Halswell – Structure (house – offenders apparently identified)
6. F2240522 5 February 2017 2307 hrs – [REDACTED] Kennedys Bush Rd, Halswell – vegetation (Nikau palm)
7. F2241758 8 February 2017 0358 hrs [REDACTED] Wales St, Halswell – vehicle fire

Appendix 7- Terms of Reference

Page 1 of 3

1. Incident Name	2. Rural Fire Authority	Terms of Reference
Early Valley Road (F2245608)	Selwyn District	
3. Location and Summary of the Incident		
The fire start was reported via 111 as a scrub fire at 17744 per the NZFS ICAD system.		
4. Names & contact details of key personnel		
Douglas Marshall Principal Rural Fire Officer		

This document is the National Rural Fire Authority approved and recommend template for use in NZ Wildfire Investigation. It is intended to provide RFAs and fire investigators with the guidelines to using a best practise chronological process of fire investigation reporting.



5. Agreed Terms of Reference

1. Before entering the Fire Ground

- report to the Incident Controller or Principal Rural Fire Officer on all aspects of the fire investigation
- receive a briefing on the circumstances of the fire and any safety measures that are in place
- obtain a current Incident Action Plan (IAP)
- ensure that personal protective clothing is worn at all times while on the fireground

2. Determine the Origin and Cause of the Fire including:

- taking steps initially to secure the scene
- identify cause and point of origin
- thorough documentation and collation of evidence
- record and photograph burn and char patterns
- describe the path of fire travel
- report on the impact of the fire on property and the environment
- fire behaviour
- canvass witnesses
- thoroughly document a description of the general area and point of origin of the fire
- secure and document factual evidence on the cause or most likely cause of the fire
- assist the police as appropriate and necessary as
- I note that a second fire in the area is also being investigated and that there may be a linkage between the 2 fires

3. Advise the Rural Fire Authority when:

- Specialists or other experts are required i.e. electrical engineer. Please engage them as you see appropriate. Please also assist the Police where necessary/appropriate to establish cause
- requesting the police if arson is suspected or other criminal activity is suspected
- offences under the Forest and Rural Fires Act 1977 relating to the lighting of fires are determined
- a formal interview is required with a person
- the need to engage with insurance and other investigators as part of the investigation process
- if you decide that peer reviews are appropriate as part of finalising your report

4. Completion:

- provide a comprehensive written report on all aspects of the investigation as per the National Rural Fire Authority template.
-

6. Specific Exclusions:

The terms of reference do not include:

- Talking or discussing the fire origin or cause with the news media or anybody not entitled to such information
- The carrying out of formal interviews or taking of formal statements (not to be confused with canvassing witnesses)

7. Authorised By:

Agency

Selwyn District

Name

Douglas Marshall

Position

PRFO

Signature



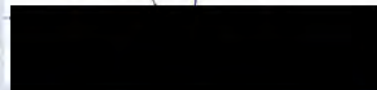
Time/Date

1500 14/2/17

Agency
Contact:

Douglas

Contact Ph:

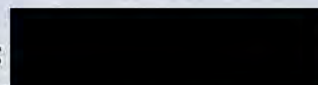


8. Accepted by Wildfire Investigator

Name

SANDRA STILL

Ph:



Signature

C. P. Still

Time/Date

14/2/17

1. Incident Name	2. Rural Fire Authority	Terms of Reference
Early Valley Road (F2245608)	Selwyn District	
3. Location and Summary of the Incident		
<p>The fire start was reported via 111 as a scrub fire at 17744 per the NZFS ICAD system. Known fire start locations area Early Valley Rd and near the Summit Rd Carpark at Marley's Hill</p>		
4. Names & contact details of key personnel		
<div data-bbox="97 808 300 846" style="background-color: black; width: 127px; height: 17px; margin-bottom: 5px;"></div> <p>Operations Manager Department of Conservation</p>		



5. Agreed Terms of Reference

1. Before entering the Fire Ground

- report to the Incident Controller or Principal Rural Fire Officer on all aspects of the fire investigation
- receive a briefing on the circumstances of the fire and any safety measures that are in place
- obtain a current Incident Action Plan (IAP)
- ensure that personal protective clothing is worn at all times while on the fireground

The investigator must be accompanied while on the fire ground by fire fighter with unit stds 3285 for safety purposes

2. Determine the Origin and Cause of the Fire including:

- taking steps initially to secure the scene
- identify cause and point of origin
- thorough documentation and collation of evidence
- record and photograph burn and char patterns
- describe the path of fire travel
- report on the impact of the fire on property and the environment
- fire behaviour
- canvass witnesses and take statements (except where the Crimes Act is involved)
- thoroughly document a description of the general area and point of origin of the fire
- secure and document factual evidence on the cause or most likely cause of the fire
- assist the police as appropriate and necessary as
- I note that a second fire in the area is also being investigated and that there may be a linkage between the 2 fires – determine whether there is a link between the two fires e.g. ember transfer or arson.

3. Advise the Rural Fire Authority when:

- Specialists or other experts are required i.e. electrical engineer. Please engage them as you see appropriate. Please also assist the Police where necessary/appropriate to establish cause
- requesting the police if arson is suspected or other criminal activity is suspected
- offences under the Forest and Rural Fires Act 1977 relating to the lighting of fires are determined
- a formal interview is required with a person
- the need to engage with insurance and other investigators as part of the investigation process
- if you decide that peer reviews are appropriate as part of finalising your report

4. Completion:

- provide a comprehensive written report on all aspects of the investigation as per the National Rural Fire Authority template.
-

6. Specific Exclusions:

The terms of reference do not include:

- Talking or discussing the fire origin or cause with the news media or anybody not entitled to such information
- Anything that falls under the Crimes Act, such as arson, will handed over to the NZ Police
- -

7. Authorised By:

Agency Department of Conservation

Name

[Redacted]

Agency
Contact:

[Redacted]

Position Operations Manager

Contact Ph:

Signature

[Redacted]

Time/Date

22-2-2017

8. Accepted by Wildfire Investigator

Name

GRAEME STILL

Ph:

[Redacted]



Signature

G.S. Still

Time/Date

22-2-2017

Appendix 8. I J Alexander Electrical Engineer report.

	I J ALEXANDER LTD Consulting Electrical Engineer	Tel [REDACTED] Mobile [REDACTED] email [REDACTED]
	P O Box 138, FEILDING 4740	

Our Ref: 2023006 FENZ Fire Rep Final

10 October 2017

PORT HILLS FIRE, CHRISTCHURCH 13 FEBRUARY 2017

ELECTRICAL FIRE CAUSE ENQUIRY REPORT

for

FIRE AND EMERGENCY NEW ZEALAND

1. INTRODUCTION

- 1.1 Mr Tim Mitchell, Manager Rural Fire, National Rural Fire Authority, requested my assistance to provide Electrical input into the fire origin and cause work being undertaken on this fire by Mr Graeme Still of the then Otago Rural Fire Authority.
- 1.2 Since this commission commenced. The NZ Fire Service has re-organised, and the report is directed to Fire Emergency New Zealand (FENZ) which incorporates the previous National Rural Fire Authority.
- 1.3 The fire in the Early Valley had commenced in the late afternoon of Monday, 13 February 2017.
- 1.4 This Report is intended to be appended to Mr Still's Origin and Cause Report on this Fire.
- 1.5 This report has been prepared for the exclusive use of Fire Emergency New Zealand, and its specifically authorised agents.

This report has been prepared solely for the benefit of you as our client with respect to the particular brief given to us, and data or opinions contained in it may not be used in other contexts or for any other purpose without our prior review and agreement.

2. BRIEFING ON THE EARLY VALLEY FIRE EVENT

- 2.1 Preliminary assistance to Mr Still commenced on 4 April with a briefing on information about Orion's 11 kV and 400 V system in Early Valley that Mr Still held.
- 2.2 A meeting in Christchurch with Mr Still was arranged from Tuesday evening 2 May to Thursday 4 May to view the fire scene, and to go through file information held by Mr Still.
- 2.3 On Tuesday evening 2 May a meeting was held with [REDACTED] both acting, it is understood, for IAG New Zealand Ltd. This was mainly concerned with fire origin information and the fire behaviour during the respective Wildfire Investigators scene examination. The exhibits held by the NZ Police and by Orion were unavailable to be inspected. This was of concern to both parties, as they were seen to be vital to fire cause enquiries.

- 2.4 The next morning we went through all the information held by Mr Still to determine where and what I should concentrate on to complement Mr Still's cause investigation work.

2.5 NZ Police Exhibits

- 2.5.1 We then contacted Detective Sergeant Craig Farrant of the NZ Police, and arranged to inspect the electrical Exhibit items he held re the Early Valley fire.

The following items were inspected, with the phase designations used by the Police:-

- 2.5.2 Blue phase (11kV conductor nearest the road as advised to Mr Farrant).

Thought to be Grey fuse holder

Identification:- FIS 2017 – 008 Ex4 16/2/17

Thought to be the 50 Amp fuse at the time of the fire, did not rupture.

Exhibit
FIS 2017 – 008
Ex 4 16/2/17

Photo Ref
0397
(NZ Police)



- 2.5.3 'Yellow phase' (11 kV Centre Conductor). **Correct name is 'White Phase'.**

Thought to be Brown fuse holder

Identification:- FIS 2017 – 008 Ex5 16/2/17

Thought to be a 25 Amp fuse to have ruptured.

NB the fuse shown was not the one that was fitted at time of fire.

Exhibit
FIS 2017 – 008
Ex 5 16/2/17

Fuse shown
was not the fuse
fitted at time of
fire.

Photo Ref
DCS 0129



- 2.5.4 Red phase (11 kV conductor closest to vegetation).

Thought to be Brown fuse holder

Identification:- FIS 2017 – 008 Ex 6 16/2/17

Said to have had a 25 Amp fuse – fuse did not rupture;

Exhibit
FIS 2017 – 008
Ex 6 16/2/17

(Note ruptured
fuse tube)

Photo Ref
0404
(NZ Police)



2.5.5 These exhibits were photographed, and the NZ Police photo files were also given to me.

2.5.6 Refer also to Clause 6.2. for discussion of fuse sizes and disposition over the three phases.

2.6 Mr Farrant also provided information on the [REDACTED] property from the Police Records. The 111 call timed at 5:43pm from the mobile Screenshot corresponded with Spark time of 5:41:30. This screen shot was later found to be a screen shot of [REDACTED] phone at [REDACTED] Old Tai Tapu Road (see later data). This was thought to be relevant to the [REDACTED] broadband router data obtained by [REDACTED], an investigator retained by Orion. The last active [REDACTED] broadband session was timed at 17:45:57, with the router said to be powered by the White phase.

2.7 Site Inspection

2.7.1 Mr Still then showed me the fire scene where he had determined the origin of the fire to be, adjacent to Pole HA2/117 – BR509 later found to be originally pole AX728. This pole was where three Drop Out Fuses controlled the 11 kV power line further up the valley, and was where the centre (White) fuse had dropped out prior to, or during the fire event.

2.7.2 In the span before pole AX728, a spur power line went up the hill from Pole HA2/27 – DE204 later found to be Pole AX814. where three Drop Out Fuses fed the spur power line.

2.7.3 The power line spans between power poles were tensioned ('sagged') so that there was no possibility of the power lines clashing and arcing or sparking during windy conditions. This included the spur line from Pole AX814.

In fact, the main 11 kV power line right up the Early Valley was well sagged to prevent conductors clashing under normal stormy weather conditions.

2.7.4 Mr Still indicated the area of origin of the fire he had determined was adjacent to, and uphill from Pole AX728.

2.8 Mr Still advised me that a Contractor working for Orion had thrown the three Drop Out Fuses assemblies removed from Pole AX928 into the back of his truck. When Mr Still requested to view them, the Contractor could not find them.



Part Photo DSC_3367

Shows Fuse Carriers tied to
Pole AX728, dated
16.02.17

This begs the question as to whether or not the fuses and fuse carriers held by the NZ Police were the Fuses and fuse carriers recovered from Pole AX728. Note that all three fuse carriers have tails of the fuses showing, whereas the White phase fuse tail was shown as ejected in Photo P2130031 (Clause 5.3.3).

- 2.9 At this juncture, and with Mr Still having obtained information that Orion had experienced a disturbance on the Early Valley 11 kV power line at 17:49:57 on Monday 13 February 2017, we investigated the power supply to the [REDACTED] Property at [REDACTED] Early Valley Road.

We found that the [REDACTED] property had a two phase 11 kV power supply to a transformer near the house.

The power supply, from Pole DC979 was by means of two Drop Out Fuses, on the Red and White phases according to the NZ Police Information, and as confirmed by myself having traced the line disposition from Pole AX728.

It was understood at this time that the fuse holders can handle a maximum fuse size of 25 Amps. At the time of the inspection the size of fuse was unknown, and still is.

It was noted that the power pole did not have an opossum guard fitted to it.



Pole DC979

White phase
Fuse, and

Red phase Fuse
to [REDACTED]
Transformer

Photo 0153

3. ELECTRICAL INFORMATION REQUESTED

- 3.1 Information was requested from Orion via [REDACTED] of Lane Neave Lawyers about the characteristics and materials on the Early Valley 11kV power system.
- 3.2 A request was made to the Spark Business Hub 251 Broadway Avenue, Palmerston North regarding Broadband Router Operations, as there was some debate as to the significance of the Router losing contact with the Xtra Network sometime after the first overcurrent event on the Early Valley 1kV power system. The reply was that power needs to be supplied for broadband routers to work, i.e. either mains power, or power via a UPS (Uninterruptible Power Supply). Routers cannot be powered via the broadband connection. The same applies to Ultra Fast Broadband (UFB) where it is installed.

[REDACTED], when telephoned on 3 May 2017 could not recall the router being on a UPS, and said he believed the power to the house was on the White phase only. He did not know what the message timed at 5:43pm on 13 February was i.e. couldn't say if it was a telephone call, a text, or an email on someone's smartphone. This was later found to be a screen shot on [REDACTED] Phone at [REDACTED] Old Tai Tapu Road.

4. RESPONSE TO INFORMATION REQUESTED

- 4.1 A response was obtained on 12 June 2017 from Lane Neave Lawyers, and is contained in Annex 1.

- 4.2 The response was required before a meeting with Messrs Ken Legat (Origin & Cause Investigator) and [REDACTED] (Electrical Engineer) could be held. Messrs Legat and [REDACTED] were undertaking an investigation into the fire cause under instruction from Lane Neave Lawyers acting for Orion.
 - 4.3 A meeting with Messrs Legat and [REDACTED] was held in the offices of Lane Neave Lawyers on Thursday 15 June with Messrs Still and Alexander.
- Following the Meeting, an inspection of Exhibits held by Orion at their Papanui Substation was undertaken – present were Messrs Legat, Still and Alexander.
- 4.4 A brief record of information obtained is contained in Annex 2.
 - 4.5 The information gathered enabled a more wide ranging investigation into electrical issues to be undertaken.

5. THE EARLY VALLEY POWER SYSTEM

- 5.1 Following the receipt of information from Orion via Lane Neave Lawyers, and a meeting with Messrs Legat and [REDACTED], some essential parameters of the Orion power system in Early Valley were derived.
- 5.2 There is a backbone 3 phase 11kV power line running up the valley alongside the road. From the Valley entrance the 11 kV power line runs on the right hand side of the road, looking up the valley, with the overhead conductors in the following configuration.



- 5.2.1 Further up the Valley at Pole AX390 the power line crosses to the left hand side of the road outside the entrance to [REDACTED] Early Valley Road ([REDACTED] property), but the phase disposition on the pole remains the same – refer to Photo 153. i.e. looking up the Valley at the phase distribution Left to Right remains Blue – White – Red.

Pole DC979

Power Line to
[REDACTED]
transformer

White phase

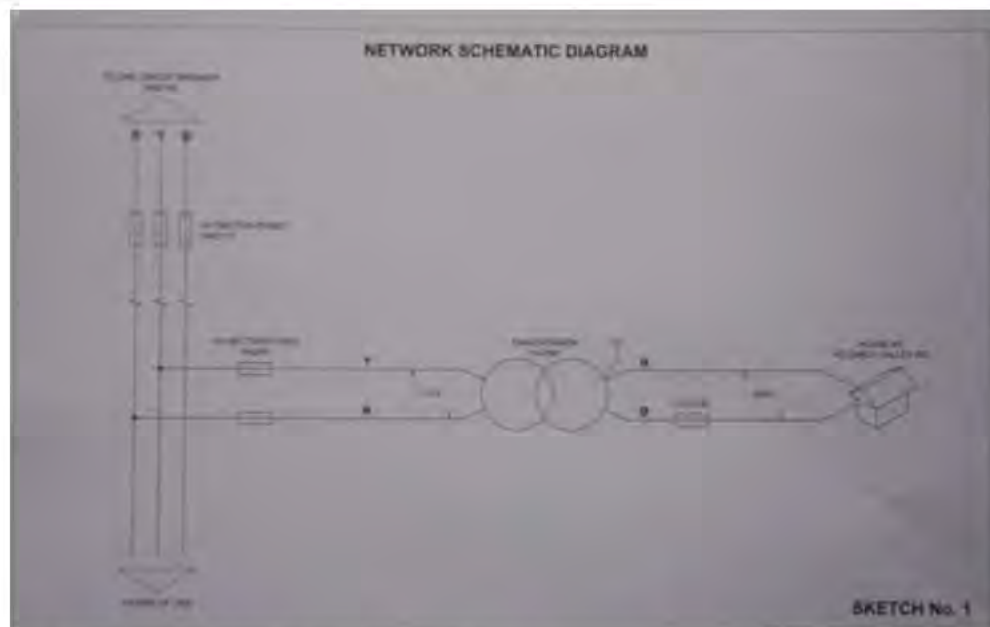
Red phase

Photo DSC 153



- 5.2.2 The two fuses supplying power to the transformer at the [REDACTED] House at [REDACTED] Early Valley Road are tapped onto the White and Red Phases (the White phase is also called by its old name, 'Yellow' phase).

The two Phase 11 kV line, fed from fuses at Pole DC979, ends at Pole AX389 with a 15kVA transformer supplying single phase 240 Volt power to the [REDACTED] House. Refer to the power diagram, and Photo DCS153 showing part of the Orion Pole DC979, and the [REDACTED] 11 kV overhead power line.



[REDACTED] - 15 kVA Transformer power Diagram (Orion- Refer Annex 1).

An important feature of this power supply system is that if either the Red or White phase fuses fail at Pole DC979, then the 240 Volt single phase power supply is affected, with a lower voltage than the regulation 240 Volts. The actual voltage available depends upon the power loading on the rest of the transformers on the Early Valley 11kV system, and the power loading on the [REDACTED] Transformer. Orion have the information required for modelling this power system, but the information is not yet available.

- 5.2.3 At Pole AX791 there is a 3 phase 11 kV / 400V pole mounted transformer – shown on Photos DSC_0162. This is two poles back down the valley from Pole DC979.

View of Pole AX791
And 3 phase 11kV
transformer, the closest
one to Pole DC797
(the [REDACTED] 11kV
supply point)



Photo DSC 162

This transformer supplies 400 / 230 Volt power up and down the Valley for some distance, and inland to pole AX394. Refer to Part CCF_000012 (scan).



[REDACTED]
Transformer
Pole

Pole AX791 with
11kV / 400 Volt
transformer

Pole DC979 with
Fuses and power
Line to [REDACTED]

Part CCF_000012

5.3 Refer to Part CCF_000012 scan below, showing Pole AX728, adjacent Poles, and the 11kV power line up the Ridge.

5.3.1 Pole DC964 (2 poles short of Pole AX728) has an air break switch so that the 11 kV power line up the Valley can be isolated.

- 5.3.2 Pole AX814 has an 11 kV spur line heading up hill on the Ridge southwards. This line is fed by three 11KV section fuses at Pole AX728, rated at 65 Amps.

Pole AX728

Pole AX814

Pole DC964

Part
CCF_000012



- 5.3.3 On Pole AX728 the centre (White phase) pole fuse, rated at 25 Amps, had ruptured on the afternoon / evening of Monday 13 February 2017. Photo P2130031 timed at 19:15 hrs on Monday 13 February shows that the white phase fuse had operated earlier in the day.



Fuse tube (orange)
lodged in fuse carrier
and Earth Clamp

View of the White
Phase Drop Out Fuse
holder in the operated
position.

See appendages.

Part
Photo P2130031

6. ELECTRICAL INFORMATION AND SEQUENCE OF EVENTS

6.1 Timelines

- 6.1.1 All timelines are based, it is understood, on a common GPS Time Tag for Orion's and Spark's information.
- 6.1.2 The **Electrical** timelines on Monday 13th February re the Early Valley 11 kV power line are:-

- 17:39:56. Blue–White Phase overcurrent of 650 Amps of 110 mSec duration
- 17:45:47 [REDACTED] Broadband Router lost contact with Spark internet system ([REDACTED] Early Valley Road).
- 17:47:14 Three phase overcurrents of approximately 850 Amps of 260 mSec duration.

- 6.1.3 Mr Still has timelines for 111 calls and for various photos of the fire taken by others on the day of the fire.
- 6.1.4 The earliest photo of the pole AX728 (nearest to the area of origin of the fire as determined by Mr G Still) after the start of the fire I have seen was taken at 19:15 hrs on Monday 13 February (the photo metadata). This photo, P2130031 (Refer to Clause 5.3.3) shows the White Phase fuse has ruptured. When it ruptured is not definitely known.

6.2 Handling of the Exhibits

- 6.2.1 The NZ Police (Detective Sergeant Craig Farrant) allowed Mr Still and myself to view the 11 kV fuse and fuse holder Exhibits they were holding from Pole AX728.
- 6.2.2 Orion were not able to confirm the fuse ratings from their records, nor the disposition of the 2 x 25 Amp and 1 x 50 Amp fuses at Pole AX728. Neither could Orion confirm that the fuses and fuse carriers that were presented as being retrieved from Pole AX728 were in fact definitely from Pole AX728. The fuses and fuse carriers had passed through a number of Orion's Contactor hands without being positively identified at each step before being handed over to Mr Legat.
- 6.2.3 The fuse and fuse holder designations accepted by the NZ Police are set out in Clause 2.5, and are as labelled by Fire Investigation Services Ltd (Mr Ken Legat), and transferred to the NZ Police at their request.
- 6.2.4 The handling of these Exhibits was not up to the required standards, as to how they were handled by Orion's staff or Orion's Contractors before being sorted and passed into Mr Legat's care
- 6.2.5 Under the circumstances the allocation of fuses to fuse holders needs to be treated with extreme caution, as there are no reliable records of what exactly was initially recovered, and whether or not fuses were swapped between fuse holders along the way.
- 6.2.6 Mr Legat also advised that Orion's fault records showed two years before the fire that the Red phase fuse at pole AX728 had ruptured due to a lightning strike (said to be a 25 Amp fuse) and that a faultman had placed a new fuse in the fuseholder. Orion consider that this was most likely to be the 50 Amp fuse link – the faultman did not record what fuse rating he had installed.
- 6.2.7 Further to the above, the exhibits passed to Mr Legat, labelled by him, and handed to the NZ Police do not appear to correspond with the Drop Out fuse assemblies on Pole AX728 (Photo P2130031). Refer to the part Photo P2130031, Part Photo DSC_3367, and the NZ Police photo 17ch0873-0404.



Part P2130031 showing the ruptured fuse tube captured in the White phase fuse carrier and the earth cable clamp. Note appendages on the fuse carrier.



Part Photo DSC_3367 showing fuse carriers tied to Pole AX728. These do not correspond to those on the Pole at left, as they all have fuse tails in the holders (indicating intact fuses).



NZ Police photo 17ch0873-0404 showing what they believe to be the red phase fuse carrier and fuse. The fuse looks like a ruptured White phase fuse shown on the pole.

6.3 The First Overcurrent Event at 17:39:56

- 6.3.1 The first possible cause of this event considered was that of the Blue and White overhead 11 kV conductors clashing under the action of the prevailing wind. A second possible cause of this event considered was that of the Blue and White overhead 11 kV conductors clashing due to (tree) foliage fouling these two conductors. Tree foliage fouling the overhead line it does appear improbable because a substantial force would be needed to be applied by the tree foliage onto the conductors to have caused the conductors to clash. Mr Still indicated that he had not found evidence of such foliage alongside and under the 11 kV overhead line heading up the valley from Pole AX728.

NB foliage falling on the line is not considered capable of causing the overcurrent event due to conduction alone *through the foliage*.

In both of these scenarios the event may have occurred further up the Valley from Pole AX728, but no evidence of this was found.

The sagging / tensioning of the overhead line conductors was good, with generally a maximum span of 50 metres. Either side of Pole AX728 the spans were 21.2 metres back to Pole AX814 and 48.9 metres to Pole AX727. The flat formation of the 3 phase overhead lines means that phase – phase conductor contact is highly unlikely.

- 6.3.2 A third possible cause of this event is that a fire was lit earlier, and the event was a result of flames and / or ionised gases from the fire allowing an arc to develop between the Blue and White 11 kV overhead line conductors, probably in the span between poles AX 728 and AX727, as this is near to the origin of the fire determined by Mr Graeme Still.
- 6.3.3 If any of these three events occurred up Valley from Pole AX728, and they caused the recorded overcurrent, then the White Phase fuse could have ruptured.
- 6.3.4 It is noted that the first event, the Blue to White overcurrent event is below the current expected of a phase-to-phase conductor clash. From research papers a current upwards of 1000 Amps would be expected from a phase-to-phase conductor clash.

6.4 When did the White phase 11 kV fuse rupture, and why?

- 6.4.1 The time that the fuse ruptured is not precisely known as it does not show on the Orion SCADA Monitoring System.

- 6.4.2 The initial check of the AB Chance Type T 11 kV fuse link characteristics (refer to Annex 5) indicates that for a fuse in a good condition at an ambient temperature of 25°C the initial overcurrent event will not cause a 25 Amp fuse to rupture.

However, it is possible that earlier overcurrent events had occurred, possibly occasionally over several years. These could have lowered the rupture time / current ratio (because of previous pre-arcing times part melting of the fuse link – ie 'fuse ageing'). In this condition, a lesser pre-arcing current / time ratio could allow the first overcurrent event to rupture the White fuse.

A new White phase fuse would not be expected to rupture during the initial overcurrent event, but would be subject to some degree of pre-arcing, with part melting of the Tin fuse element becoming obvious, as shown in NZ Police photo 17ch0873-0409 – refer Clause 7.4.

Refer to Annex 5 for the fuse Time / Current characteristics.

The White Phase fuse rating was unknown by Orion, and the ruptured fuse was not captured with the fuse holder when the fuse holder was retrieved from the cross-arm - refer to Photo P2130031 showing the fuse tube partly held in the fuse carrier, and trapped in the earth clamp below the Cut-Out Assembly. The NZ Police believe that a 25 Amp fuse that they recovered was from the White phase fuse holder, but it does not appear to match the fuse tube shown in Photo P2130031.

- 6.4.3 There is no definite proof available to be certain as to when the White phase fuse ruptured, but the most logical time is the time of the first event on the Early Valley 11 kV system at 17:39:56 IF the first event occurred up the Valley from Pole AX728.
- 6.4.4 As mentioned in Clause 6.4.3, no conclusive evidence was found to prove **where** the first overcurrent event occurred on the Early Valley 11kV power system.

If the White phase fuse ruptured as a result of the first overcurrent event, then all that can be stated is that the event must have occurred up valley from Pole AX728. Where that position is remains undetermined.

Conversely, if the White phase fuse **did not** rupture as a result of the first overcurrent event, then all that can be stated is that the event must have occurred on the 11kV system towards the Valley entrance from Pole AX728, which includes the 11kV power line up the ridge from Pole AX814.

- 6.4.5 The only fuse / fuse holder evidence that can be relied upon, because of the manner in which the Exhibits were handled, is the evidence shown in Photo P2130031.

6.5 The Second Overcurrent Event at 17:47:14

- 6.5.1 The second overcurrent event was a three phase event (860 Amps of 260 mSec duration).

If it had occurred on the Early Valley 11 kV power Line further up the Valley from Pole AX728 both 25 Amp fuses would have ruptured. Only the White phase fuse ruptured. This assumes that there were two 25 amp fuses at Pole AX728 prior to the fire.

Because only one 25 Amp fuse was found ruptured on Pole AX728 it is most likely that this second overcurrent event occurred on the 11 kV system **before** Pole AX728 (which includes the 11kV power line up the ridge from Pole AX814).

- 6.5.2 The most likely area where this second overcurrent event occurred is on the spur line up the ridge from Pole AX814. The fuses for this line are 65 Amp Chance Type T 11 kV fuse links. These fuses would not rupture if they passed the overcurrent for the second event.
- 6.5.3 It is understood that it is highly unlikely for this second overcurrent event to have occurred in the spans towards the Valley entrance between Poles AX728 and DC964 because of the very limited burned vegetation between these power poles. A wind induced simultaneous contact between all three phase conductors is considered impossible.
- The three phase overcurrent event is considered to be due to a fire burning under the 11 kV Spur fire from Pole AX814 up the ridge towards Pole AX810, and causing a flash-over simultaneously

between all three phase conductors. Refer to the overhead line route shown in scan Part CCF_000012 in Clause 5.3.2

The span length, conductor spacing, and line sagging are such that a simultaneous three phase line conductor clash is highly unlikely, and again the current is lower than would be expected from a direct phase conductor to phase conductor clash. Refer to Annex 4 and the paper by V. W. Smith and V. J. Gosbell and their live clash currents for Figure 5 and Figure 7 – in excess of 1800 Amps at a 10 km distance.

7 DISCUSSION

- 7.1 The conjecture as to when the White phase fuse at Pole AX728 ruptured is such that the exact time cannot be conclusively proven. If the fuse ruptured at 17:39:56 (the first overcurrent event) then the cause of the overcurrent event needs to also be established.

As stated in para 6.3.4 it is unlikely that the overcurrent event was caused by a Blue phase to White phase conductor clash up valley from Pole AX728. A more probable scenario is that the event arose from a fire started near to, or under those conductors.

- 7.2 The White Phase fuse was most likely rated at 25 Amps, but even that cannot be conclusively proven.
- 7.3 The roadside 11 kV power lines along Early Valley were well maintained and clear of foliage as required by 'The Electricity (Hazard from Trees) Regulations 2003.'

A clash of conductors to produce either of the two overcurrent events is considered to be highly unlikely, but cannot be totally ruled out. It is noted that Mr Still had not found any evidence in his scene search for tree debris that could have caused a clash of the Blue and White phase conductors.

- 7.4 The 11 kV fuse construction is shown in Annex 5 – Spent Fuse Links. The pure tin fuse element melts at 231.9°C, and this is the initial temperature of the molten tin if it were ejected from the fuse tube after the fuse had ruptured. Note that the tin fuse element melts first, then the thin stainless steel wire has to melt before the fuse carrier drops down, completing the isolation of the circuit that the fuse controlled. AB Chance in their description of the fuse and carrier operation point out that at the first overcurrent event level (656 Amps) the auxiliary tube will burst but remain intact. This appears to be shown in the police photo 17ch0873-0406.



Part Photo
17ch0873-0406
(NZ Police)

Shows a ruptured
fuse tube.

The amount of molten tin that could be ejected when the fuse ruptures is minimal due to the small aperture in the fuse tube. This assumes that this fuse is the one shown in Clause 5.3.3, Photo P2130031.

Mr Still will comment upon the likelihood of the fuses molten tin particles being able to initiate this fire.

Photo 17ch0873-0409 shows the other 25 Amp fuse link recovered (presumably from the Blue Phase fuse holder) with partial melting of the tin element. The thin stainless steel strain wire is also visible.



Photo
17ch0873-0409
(NZ Police)

Shows partially melted tin element (Blue Phase fuse?).

Note also the thin stainless steel strain wire

The amount of molten tin that could be ejected when the fuse ruptures is minimal.

- 7.5 The timeline for the [REDACTED] Router losing contact with the Spark internet system was 17:45:57. This loss of contact assumes some importance if it was the time that the White phase 11kV fuse at Pole AX728 ruptured.

Lane Neave Lawyers on behalf of Orion were requested to provide modelling information of the likely voltage at the [REDACTED] Property after the White fuse ruptured at Pole AX728. The reason being that there would be a lower White phase voltage (backfed from other transformers in the Early Valley), which might provide an adequate output voltage to keep the [REDACTED] Router operating. If the output voltage was inadequate under this backfeed condition, then the time of the White Fuse rupture could be more accurately established.

- 7.6 Similarly, a request was made, to Lane Neave Lawyers on behalf of Orion, for the results of the data recovered from the Smart Power meters in the Early Valley to be available to again try and confirm the timing of the rupture of the White Phase fuse at Pole AX728 and subsequent activity on the Early Valley Power system.
- 7.7 All the physical evidence found indicates that the Early Valley 11kV and 400 Volt overhead electricity Network complied with relevant New Zealand Standards, and Industry best practices, for a rural network supplying consumers in a low density rural environment. The Network also appeared to be well maintained.

Refer also to Annex 6 for an excerpt from the Orion Asset Management Plan, which details Orion's Network Standards and Specifications for the Design, Construction, Maintenance, and Equipment for their Overhead 11 kV distribution lines.

8 CONCLUSIONS

- 8.1 The Origin of the Fire was determined by Mr Graeme Still.
- 8.2 Enquires into the cause of the fire were hampered by uncertainty as to the timing of the White Fuse rupture at Pole AX728, and the handling of the Electrical Exhibits at Pole AX728 by Orion Contractors and / or Orion Staff subsequent to the fire.
- 8.3 A possible electrical cause of this fire identified in this Report is the ejection of molten pure tin metal from the fuse as the White Phase 11kV fuse at Pole AX728 ruptured. However, as shown in Photo P2130031 (Clause 6.2.7), the fuse tube is captured partly in White phase fuse carrier and caught in the earth cable clamp, and so the ejection of molten pure tin fuse element is restricted. This mode of fire cause relies upon one of the two possible methods of obtaining a clash between the White and Blue phase conductors of the 11kV overhead line (ie conductor clashing due to wind action, or conductor clashing due to debris hitting the conductors). Both of these modes of conductor clashing are considered to be extremely unlikely, but cannot be absolutely ruled out.
- 8.4 The other possible cause of the first overcurrent event is considered to be due to flames and / or ionised gases from a fire lit earlier allowing an arc to develop between the Blue and White 11 kV overhead line conductors, probably in the span between poles AX 728 and AX727, because this is near to the origin of the fire determined by Mr Graeme Still. This cause of the overcurrent event does not require the ejection of molten pure tin from the fuse to cause the fire ignition. Both the cause of such a fire, and it's timing relative to the first overcurrent event, is not within my area of expertise, but will, I understand be commented upon by Mr G Still in his Report.
- 8.5 It is considered that Orion have constructed and maintained the Early Valley 11kV network to the requirement of relevant New Zealand Standards, and to accepted Industry Best Practices, including their Orion Engineering Standards.
- 8.5 No Electrical cause of this fire was determined. The first 11kV overhead line disturbance at 17:39:56 is considered to be caused by a fire lit prior to this time, which caused a flashover between the Blue and White conductors up valley from Pole AX728.

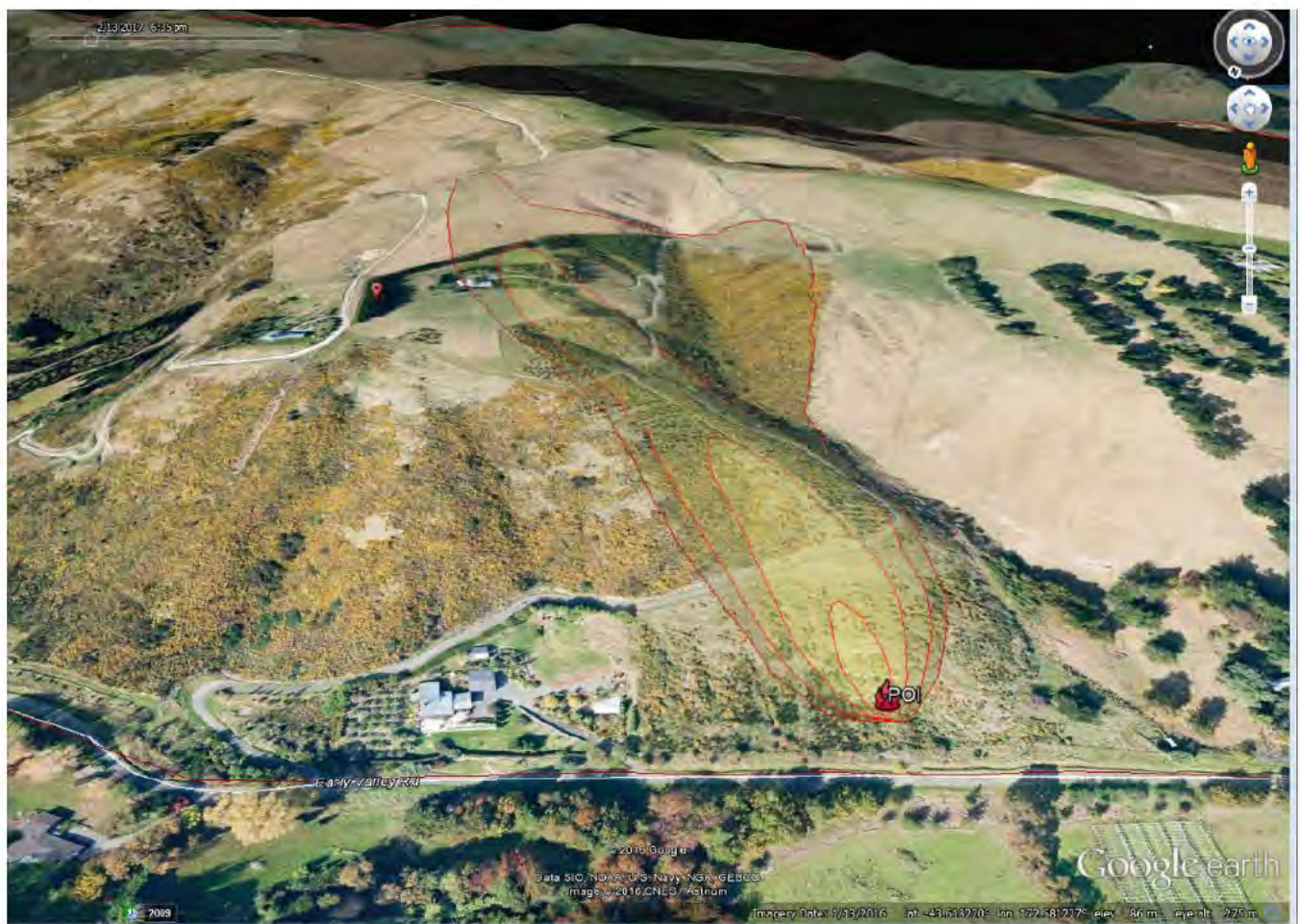
Report prepared by:
 Ian James Alexander,
 BE, CEngNZ, LMIEEE
 P O Box 138,
 FEILDING 4740

Appendix 9- Excerpt from 'Port Hills Fire Development Chronology'. (DRAFT)

CHRONOLOGY

Early Valley Fire

- 5) At 17:44 hours on Monday the 13th of February 2017 a scrub fire was reported burning on the uphill side of the road just to the east of Rapid number [REDACTED] Early Valley Road. Under hot dry windy conditions the fire quickly spread upslope and to the south east through 100% cured grass and gorse.
- 6) Fire behaviour predictions based on an uncalibrated scenario using data from the Lincoln weather station are as follows. The initial Head Fire Intensity (HFI) is calculated to have been around 300 to 1000kw/m² with a Rate of Spread (ROS) of 3 to 10m/min (0.18 to 0.6km/hr) in the grass fuels and HFI 15,000 to 35,000 kw/m² with a ROS of 15 to 20m/min (0.9 to 1.2km/hr) in the gorse fuels. (Photos have the Rate of Spread closer to 30m/min in the gorse fuels)



(Uncalibrated prediction using data from the Lincoln weather station. Image supplied by Scion Rural Fire Research)



Early Valley Fire, taken at 17:48hrs 13/02/17



Also Taken at 17:48hrs 13/02/17 from a different view point.



Early Valley fire initial progression. 17:44 (approx. 4 min intervals, ROS approx. 30m/min)



17:48



17:52



18:01

Appendix 10. Witness Identification LogWitness 1- First caller to 111

[REDACTED]

Witness 2- Second caller to 111

[REDACTED]

Witness 3-

[REDACTED]

Witness 4 – Local resident

[REDACTED]

Witness 5- Local resident

[REDACTED]

Witness 6- Local resident

[REDACTED]