



# Canterbury Engineering Lifelines Group

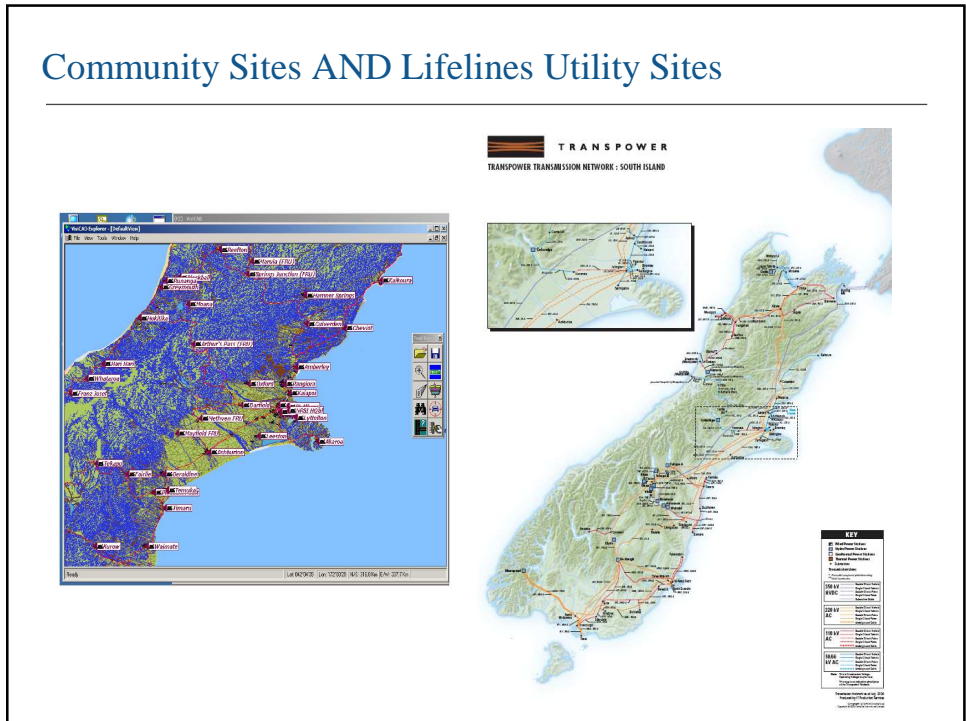
Priority Routes Project Update  
October 2007

## Background

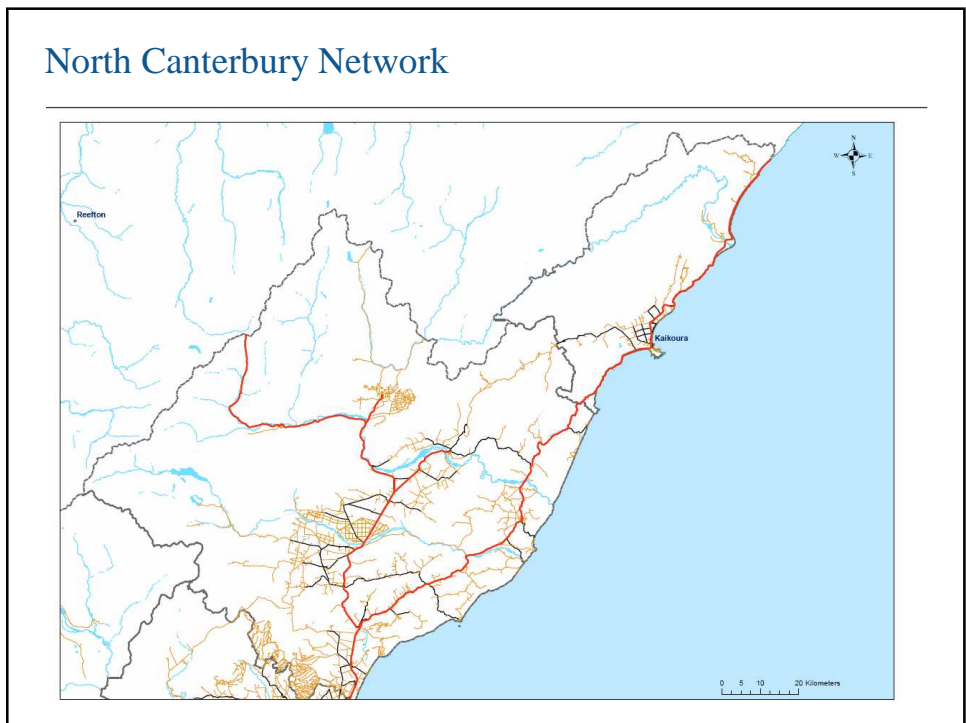
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- AELG work has been completed – provides a template to build on
- CDEM Group Engineering Lifelines work-plan for 2006/07
  - Year 1 of a 3 year project
  - Purpose to determine a Canterbury wide priority route network for access to important sites in the event of a disaster
- Funded by CDEMG (06/07 to 08/09) and MCDEM (06/07)
- Also - builds on earlier *Risks and Realities* work
- Linkage to Interdependencies
- Approach covers:
  - Priority community sites
  - Critical lifelines sites
  - Priority Routes

## Community Sites AND Lifelines Utility Sites



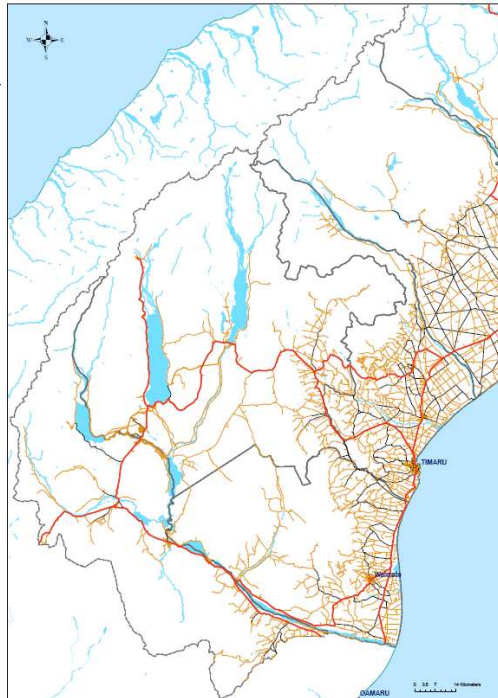
## North Canterbury Network



## Central Canterbury Network



## Mid & South Canterbury Network



## Project Outline (1/2)

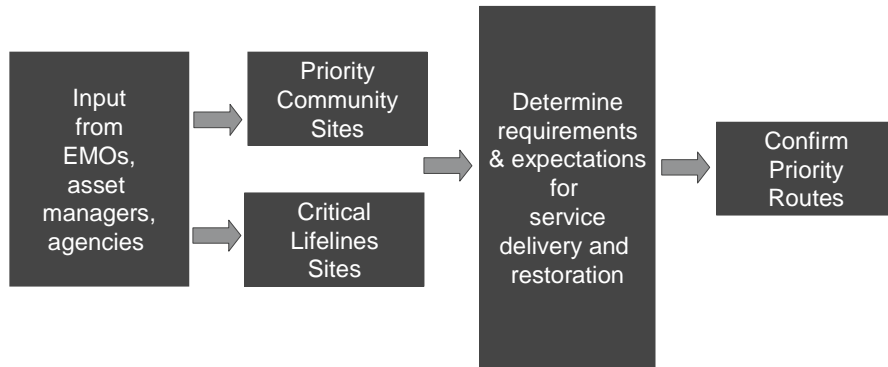
Timing	Task Description	Target Status 30 June 2007	KPIs
2006/07	1. Meet with CAE and Engineering Lifelines representatives to discuss the two related projects, identify areas of overlap, what each project will do, and agree how the interface will be managed over the term of this project.	Completed	na
2006/07	<b>2. Community Priority Sites</b> a. Review community priorities from AELG-5 and adapt for Canterbury, confirm with CDEMG b. Agree on the definition, and then update and expand to region-wide the list of community priority sites that is in Risks and Realities – with input from each District EMO c. Establish the reliance of these sites on lifeline utilities d. Map all sites on GIS	a. Complete. b. Complete. c. Complete. d. Substantially complete	2006/07 • Agreed list of Community Sites. • Spreadsheet completed showing the requirements of each Community Site on Lifelines utilities (similar AELG). • GIS database and maps completed with Priority Sites shown by type. • Document in Draft Stage 1 report.
2006/07 to 2007/08	<b>3. Critical Lifelines Utility Sites</b> a. Each sector to confirm their own key sites based on criteria similar to AELG-5, using questionnaire b. Each sector establishes the reliance on other lifeline utilities c. Map all sites on GIS	a. Underway. b. Underway c. Substantially complete.	2006/07 • Questionnaire distributed to Lifeline Utilities. • List of Critical Sites distributed to Lifelines Utilities for identification of reliance on other utilities. • GIS database and maps completed with Critical Sites shown by type. • Document in Draft Stage 1 report.

## Project Outline (2/2)

Timing	Task Description	Target Status 30 June 2007	KPIs
2006/07 to 2007/08	<b>4. Priority Routes</b> a. Discuss and agree with the Engineering Lifelines Group the role of the consultant team vs individual local authorities in undertaking the tasks required. b. In general, a similar approach to that used for the AELG-5 project is proposed, and a consultative process adopted with local authorities, CDEMG and the CELG where the consultant team is responsible for completing tasks. c. Routes will be mapped in the GIS. d. Agreement will need to be reached with the CDEMG on the extent to which hazards are mapped in the GIS, used in the analysis, and any risk assessment and mapping of structures undertaken.	a. Substantially Complete. b. Questionnaire developed. c. Initiated. d. Agreement on hazards.	2006/07 • Base plan of regional road network produced on GIS. • Questionnaire drafted. 2007/08 • Priority Routes map produced on GIS. • Hazard overlays and (qualitative) assessment • Draft Stage 2 Report
Later	<b>5. Interdependencies</b> a. A similar approach can be adopted as for AELG-5, however this aspect will be best determined in association with the Lifelines Interdependencies project. b. For AELG-5, this involved the collation of dependency information – with lifelines sectors reviewing the priority sites and their own dependency on these sites for recovery. c. This review is then followed by a review of the order of their own critical sites based on the assessment of them made by others. d. Finally, determination of overall regional priorities.	a. Agreement in relation to role of this project as an input to the CAE project	2006/07 • 5a confirmed. 2007/08 & 2008/09 • To be finalised once 5a confirmed.

## Approach in Summary

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## Community Priorities

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1. Restoration of services providing an immediate threat to public health and safety (eg Hospitals, Ambulance).
2. Restoration of supply to emergency services sites (Police, Fire Service, Emergency Operations Centres).
3. Restoration of supply to key infrastructure sites requiring service for their own recovery (Lifeline Utilities including Energy, Telecommunications, Water, Wastewater, Transport)
4. Restoration of services to key organisations which are members of the Canterbury CDEM Welfare Advisory Group.
5. Restoration of supply to major construction resources to which access would be needed in the response and recovery phase (including Contractors, Materials, Plant).
6. Restoration of services to schools.

## Community Sites

- Hospitals
- Ambulance stations
- Fire stations
- Police stations
- EOC's
- Broadcasting
- Contractors
- Equipment
- Major hardware
- Steel and concrete
- Schools

## Community Sites Lists

	A	B	C	D	E	F	G
1	<b>HOSPITALS / MEDICAL CLINICS</b>						
2	<b>Name</b>	<b>Type</b>	<b>City / Town</b>	<b>Address</b>	<b>Contact</b>		
3	CDHB Akaroa Hospital	Minor hospital	Akaroa	Onuku Rd, Akaroa	3047023		
4	CDHB Akaroa 24hrs medical center	Medical Center	Akaroa	Onuku Rd, Akaroa	3047004		
5	Amberley Medical Center	Medical Center	Amberley	8 Hilton Dve, Amberley	3143504		
6	CDHB Ashburton hospital	Major hospital	Ashburton	Elizabeth St, Ashburton	3084149		
7	Sealy St Medical Practice	Medical Center	Ashburton	Corner of Sealy, Winter and Havel	3081212		
8	CDHB Burwood hospital	Major hospital	Christchurch	Cnr Mairehau & Burwood Rds	3838836		
9	CDHB Christchurch hospital	Major hospital	Christchurch	Riccarton Ave, CBD	3840640		
10	CDHB Princess Margaret hospital	Major hospital	Christchurch	Cashmere Rd, Cashmere	3377899		
11	Southern Cross hospital - Christchurch	Major hospital	Christchurch	131 Bealey Ave, CBD	3794433		
12	St Georges hospital	Major hospital	Christchurch	249 Papanui Rd, Merivale	3559179		
13	CDHB Christchurch Womens hospital	Minor hospital	Christchurch	2 Riccarton Ave, CBD	3844699		
14	CDHB Hillmorton hospital	Mental hospital	Christchurch	Lincoln Road, Hillmorton	3377989		
15	CDHB Lyndhurst hospital	Minor hospital	Christchurch	440 Montreal, CBD	3790213		
16	Dishop Selwyn lifecare hospital	Minor hospital	Christchurch	350 Selwyn St, Sydenham	3774409		
17	Maidstone Lodge Hospital	Minor hospital	Christchurch	125 Withells Rd, Avonhead	3598997		
18	Ngalo Marsh hospital	Minor hospital	Christchurch	95 Grants Rd, Papanui	3525140		
19	Oxford clinic hospital	Minor hospital	Christchurch	38 Oxford Terrace, CBD	3790555		
20	Pegasus 24hr Surgery	24hr surgerv	Christchurch	Cnr Bealey Ave & Colombo St	3657777		
21	Barrington Medical Center	Medical Center	Christchurch	14-18 Athelstan St, Spreydon	3323069		
22	Belfast Noth Medical Doctors	Medical Center	Christchurch	Belfast centre Unit 3 B 812, Main North Rd, Belfast	3238789		
23	CDHB Community and public health	Medical Center	Christchurch	76 Chester St East, CBD	3799480		
24	CDHB Diabetes Center	Medical Center	Christchurch	245 Antigua St, CBD	3640860		
25	Christchurch South health centre	Medical Center	Christchurch	183 Colombo, Beckenham	3320108		
26	Gloucester Specialists	Medical Center	Christchurch	211 Gloucester St, CBD	3868951		
27	Lincoln Medical	Medical Center	Christchurch	Market Square, Lincoln	3252411		
28	Linwood Avenue Medical Centre	Medical Center	Christchurch	279 Linwood Ave	3892550		
29	Medlab South Ltd	Medical Center	Christchurch	137 Kilmore St, CBD	3630824		
30	New Brighton Health care	Medical Center	Christchurch	22 Union St, New Brighton	3887582		
31	Nurse Maude Association	Medical Center	Christchurch	24 McDougall Ave, Merivale	3754200		
32	Papanui Medical Centre	Medical Center	Christchurch	438 Papanui Rd	3529053		
33	Southern Community Laboratories	Medical Center	Christchurch	444 Durham St Nth, St Albans	3862368		
34	St Albans Medical Centre	Medical Center	Christchurch	250 Springfield Rd	3559119		
35	St Martins Medical Practice	Medical Center	Christchurch	79 Wilsons Rd, St Martins	3370991		

## Critical Utility Sites Criteria

- The network as it is today.
- A “ground zero” approach, which says that given all services/sites are down, which would be recovered first? It is not a scenario approach looking at damage from specific events.
- Whether the area of outage would be significant if the site failed. If the facility outage and its consequences could be easily managed locally, then it would be considered a lower order priority.
- Whether there is redundancy available, and whether it could reasonably be assumed that an alternative supply point will be operating. If there is, then the site is a lower priority.
- Priority locations are defined as sites (places) or links (eg rings).

## Lifelines Utility Sites Lists

SUBSTATIONS						
1	A	B	C	D	E	F
2	Name for Cross-List	Name / Location	Type	Voltage (kV)	Company	Address
						X-Coordinate
						Y-Coordinate
3	33 kV Clandeboye 1	Clandeboye 1	Zone sub	33	Alpine Energy	
4	33 kV Clandeboye 2	Clandeboye 2	Zone sub	33	Alpine Energy	
5	33 kV Fairlie	Fairlie	Zone sub	33	Alpine Energy	
6	33 kV Geraldine	Geraldine	Zone sub	33	Alpine Energy	
7	33 kV Glentworth	Glentworth	Zone sub	33	Alpine Energy	
8	33 kV Grants Hill, Timaru	Grants Hill, Timaru	Zone sub	33	Alpine Energy	
9	33 kV Mt Cook	Mt Cook	Zone sub	33	Alpine Energy	
10	33 kV Pateora	Pateora	Zone sub	33	Alpine Energy	
11	33 kV Pleasant Point	Pleasant Point	Zone sub	33	Alpine Energy	
12	33 kV Rangitata	Rangitata	Zone sub	33	Alpine Energy	
13	33 kV Tekapo	Tekapo	Zone sub	33	Alpine Energy	
14	33 kV Twizel	Twizel	Zone sub	33	Alpine Energy	
15	22 kV Balmoral	Balmoral	Zone sub	22	Alpine Energy	
16	22 kV Haldon / Lilybank	Haldon / Lilybank	Zone sub	22	Alpine Energy	
17	11 kV Grassmere St, Timaru	Grassmere St, Timaru	Zone sub	11	Alpine Energy	
18	11 kV Hunt St, Timaru	Hunt St, Timaru	Zone sub	11	Alpine Energy	
19	11 kV Studholme	Studholme	Zone sub	11	Alpine Energy	
20	11 kV Studholme	Studholme	Zone sub	11	Alpine Energy	
21	11 kV Victoria St, Timaru	Victoria St, Timaru	Zone sub	11	Alpine Energy	
22	66 kV Coldstream	Coldstream	Zone sub	66	Electricity Ashburton	2392958 93
23	66 kV Done	Done	Zone sub	66	Electricity Ashburton	2436231 35
24	66 kV Elgin	Elgin	Zone sub	66	Electricity Ashburton	2413833 48
25	66 kV Highbank Power Station	Highbank Power Station	Generator Station	66	Electricity Ashburton	2407856 57
26	66 kV Laerton	Laerton	Zone sub	66	Electricity Ashburton	2411356 40
27	66 kV Methven 66	Methven 66	Zone sub	66	Electricity Ashburton	2401884 40
28	66 kV Oerualia	Oerualia	Zone sub	66	Electricity Ashburton	2426012 70
29	66 kV Pendarves	Pendarves	Zone sub	66	Electricity Ashburton	2426176 33
30	66 kV Timwald (Future)	Timwald (Future)	Zone sub	66	Electricity Ashburton	2406604 40
31	66 kV Waikanae	Waikanae	Zone sub	66	Electricity Ashburton	2416988 40
32	33 kV Ashburton	Ashburton	Zone sub	33	Electricity Ashburton	2408026 89
33	33 kV Carlew	Carlew	Zone sub	33	Electricity Ashburton	2364480 83
34	33 kV Edifield	Edifield	Zone sub	33	Electricity Ashburton	2406677 20
35	33 kV Fairton	Fairton	Zone sub	33	Electricity Ashburton	2414106 54
36	33 kV Hackettsburn	Hackettsburn	Zone sub	33	Electricity Ashburton	2391270 21
37	33 kV Hinds	Hinds	Zone sub	33	Electricity Ashburton	2397029 10
38	33 kV Lagmhior	Lagmhior	Zone sub	33	Electricity Ashburton	2401664 76
39	33 kV Lismore	Lismore	Zone sub	33	Electricity Ashburton	2396363 06
40	33 kV Methven 33	Methven 33	Zone sub	33	Electricity Ashburton	2401373 01
41	33 kV Montalto Power Station	Montalto Power Station	Generator Station	33	Electricity Ashburton	2376376 71
42	33 kV Mt Hut	Mt Hut	Zone sub	33	Electricity Ashburton	2396659 52
43	33 kV Mt Somers	Mt Somers	Zone sub	33	Electricity Ashburton	2382005 51
44	33 kV Northtown	Northtown	Zone sub	33	Electricity Ashburton	2411159 66
45	33 kV Seafield	Seafield	Zone sub	33	Electricity Ashburton	2420610 91

## Approach

- Questionnaires – circulated to EMOs and LL utilities
- Workshops – completed (Rangiora, Christchurch, Ashburton, Timaru)
  - Council asset managers, emergency management staff, other lifelines agencies (power, telecommunications, fuel, broadcasting)
  - Assist in completing questionnaires
- Follow up contact with Community site owners - initiating
  - What are their priorities?
- Round-up of Lifelines agencies – completed questionnaire for each site

## Site-based Response Questionnaire (All Sites)

PRIORITY SITE NAME ..... ..... ..... Service/Utility	Question 3a		Question 3b		Question 3c			Comments
	Required during an emergency (Y/N)	Priority Rank each Service*	Alternative/ Emergency Arrangements	Back up Facilities Provide (x)% of Function	Desired Service Restoration <i>(when do you need service restoration from your normal provider?)</i>			
					Time (hrs)	Quantity	Quality (%)	
<i>Example: Water Supply</i>	Y	2	<i>Tank water supply</i>	<i>100% for 4 hours</i>	<i>4 hours</i>	<i>1000m<sup>3</sup>/day</i>	100	
<i>Example: Transportation (road access)</i>	y	1	<i>Access off minor side road</i>	<i>20% access (people only; no deliveries)</i>	<i>48 hours</i>	<i>Delivery truck access</i>	100	
Transportation (road)								
Transportation (rail)								
Telecommunications								
Broadcast/Media								
Gas supply								
Electricity supply								
Petroleum supply								
Water supply								
Wastewater disposal								
Stormwater disposal								
Airports								
Ports								

\* Priority Rankings based on:  
 1. No functionality or service delivery can be maintained without this supply.  
 2. Some functionality or service delivery can be maintained without this supply.  
 3. Functionality or service delivery can generally be maintained without this supply.  
 NA = not applicable



## Site-based Response Questionnaire (Orion Example)

CRITICAL SITE NAME <i>Orion Head Office 218 Manchester St Orion Control Centre</i>	Question 3a		Question 3b		Question 3c			Comments
	Required during an emergency (Y/N)	Priority Rank each Service*	Alternative/ Emergency Arrangements	Back up Facilities Provide (x)% of Function	Desired Service Restoration (when do you need service restoration from your normal provider?)			
					Time (hrs)	Quantity	Quality (%)	
Transportation (road)	Y	1	Access off two streets		4 hours	1 entrance	50%	Provider: CCC
Transportation (rail)	Y	3						Provider: Tranz Rail
Telecommunications	Y	1	CDEM 2 direct lines CDEM & field staff radio telephony	50%	ASAP	All customer contact	100%	Information feedback from customers essential Provider: Telecom
Broadcast/Media	Y	1	Call Centre					Provider: Various
Gas supply	Y	2	Electric heating	100%	1 month			Provider: Rockgas NZ Ltd
Electricity supply	Y	2	Generators	Generator can carry Control Centre emergency load	ASAP	12 hrs fuel	100%	Provider: Orion NZ Ltd 5 days fuel includes portable trailer 800lts
Petroleum supply	Y	2	Portable trailer can be used to replenish generator supply	800lts or 4days supply	ASAP	Refill after 4 days	100%	Provider: local garage
Water supply	Y	1	Larger capacity tanks fitted	50% nth building only	1 week	11,000lt	100	Provider: CCC
Wastewater disposal	Y	1	Tank capacity 1 day		1 day		100%	Provider: CCC
Storm water disposal	Y	1	Close to Avon		ASAP		100%	Provider: CCC
Airports	Y	2						Provider: Airport Control Authority
Ports	Y	2						Provider: Lyttelton Port Co

- \* Priority Rankings based on:
1. No functionality or service delivery can be maintained without this supply.
  2. Some functionality or service delivery can be maintained without this supply.
  3. Functionality or service delivery can generally be maintained without this supply.
- NA = not applicable

## Telecom Power Interdependency

Site	Site Name	X-Coord	Y-Coord	Address	Suburb	City	Importance Rating			
1	AAAC	AA BUILDING	CHRISTCHURCH	5491095	5741691	210 HEREFORD ST	CATHEDRAL SQUARE	CHRISTCHURCH CITY	CH	2
2	AAAC	AA BUILDING	CHRISTCHURCH	5491095	5741691	210 HEREFORD ST	CATHEDRAL SQUARE	CHRISTCHURCH CITY	CH	2
3	AR	AR NZ HANDBOOK	CH AIRPORT	5473387	5746884	45 ORCHARD RD	VALDHURST	CHRISTCHURCH CITY	MMA	2
4	ARNT	ARNTS BELL SITE		5490928	5742428	45 TARDUNA ST	CHERRILL	CHRISTCHURCH CITY	LH	2
5	AVO	AVONHEAD		5473240	5742553	302 VALDHURST RD	MASHAM	CHRISTCHURCH CITY	AVO	2
6	AVOIE	AVONHEAD E CABINET		5463470	5743603	Chattertons / Javers		CHRISTCHURCH CITY	AVO	3
7	AVOIF	AVONHEAD F CABINET		5470284	5743884	Pound / Yaldhurst		CHRISTCHURCH CITY	AVO	3
8	BEL	BELFAST		2490235	5751312	805 MAIN NORTH RD	BELFAST	CHRISTCHURCH CITY	BEL	2
9	BELG	BELFAST G CABINET		5479123	5749696	Northwood entry	SAWYERS ARMS	CHRISTCHURCH CITY	BEL	2
10	BELIS	BELFAST S CABINET		5478507	5749753	Beechwood / Annabry	SAWYERS ARMS	CHRISTCHURCH CITY	BEL	3
11	BELJ	BELFAST J CABINET		5479171	5749308	Orme Ave	SAWYERS ARMS	CHRISTCHURCH CITY	BEL	3
12	BELU	BELFAST U CABINET		5472030	5750096	Stvs Mill Rd	SAWYERS ARMS	CHRISTCHURCH CITY	BEL	3
13	BELW	BELFAST W CABINET		5479031	5749575	10 Arnerie St	BELFAST	CHRISTCHURCH CITY	BEL	3
14	BHM	BECHENHAM		5480734	5738864	148 COLOMBO ST	SVENDHAM	CHRISTCHURCH CITY	BHM	2
15	BMWAA	BECHENHAM AA CABINET		2493794	5739201	Orme / Port Hills	PAPAHU TRACK	CHRISTCHURCH CITY	BHM	3
16	BMWBV	BECHENHAM BV CABINET		2493236	5737860	Orme Anderson / Luckie Lane		CHRISTCHURCH CITY	BHM	3
17	BMWBK	BECHENHAM BK CABINET		2491828	5739884	104 Monk Arbin Dr	ST MARTINS	CHRISTCHURCH CITY	BHM	3
18	BREC	BECHENHAM CELL SITE		2492027	5746514	333 HAREWOOD RD	BREKPOLE	CHRISTCHURCH CITY	HRD	2
19	BUR	BURWOOD		2484599	5747263	264 MAIREBAU RD	MARSHLAND	CHRISTCHURCH CITY	BUR	2
20	BURAD	BURWOOD AD CABINET		2484574	5749154	Orme / New Brighton / Bascott	STVY	CHRISTCHURCH CITY	BUR	2
21	BURAL	BURWOOD AL CABINET		2483773	5749392		STVY	CHRISTCHURCH CITY	BUR	2
22	BURAM	BURWOOD AM CABINET		2484477	5749145		MARSHLAND	CHRISTCHURCH CITY	BUR	2
23	CAS	CASHMERE		2480966	5735845		MARSHLAND	CHRISTCHURCH CITY	BHM	2
24	CAT	CATBURN		2669194	5700291	60 DURY RD	VALDHURST	CHRISTCHURCH CITY	MMA	2
25	CCN	BEACH		2480917	5749393	171 TRAVIS RD	NORTH BEACH	CHRISTCHURCH CITY	CH	2
26	CH	CHRISTCHURCH		2490984	5741688	109 HEREFORD ST	CATHEDRAL SQUARE	CHRISTCHURCH CITY	CH	2
27	COCD	CHRISTCHURCH (OLD BUILDINGS)		2486480	5741688	91 HEREFORD ST	CATHEDRAL SQUARE	CHRISTCHURCH CITY	CH	2
28	CTP	PARK		5474391	5745891	17 SIR WILLIAM PICKERING DR	RUSSELY	CHRISTCHURCH CITY	CTP	2
29	CHNL	HOSPITAL		5479115	5741390	2 BRICARTON AVE	MAKLEY PARK	CHRISTCHURCH CITY	CH	2
30	ETOS	EASTGATE SHOPPING CENTRE		2483684	5741554	6 BRUCKLEYS RD	EAST LIMWOOD	CHRISTCHURCH CITY	LH	2
31	FDN	FIBERLON		2477445	5742398	4 BRVENEVA RD	BRVENEVA	CHRISTCHURCH CITY	FDN	2
32	HRD	HAREWOOD		2475986	5746896	401 HAREWOOD RD	HAREWOOD	CHRISTCHURCH CITY	HRD	2
33	HRDAB	HAREWOOD AB CABINET		2477050	5747787	Sawyers Arms Rd	SAWYERS ARMS	CHRISTCHURCH CITY	HRD	3
34	HRDAJ	HAREWOOD AJ CABINET		2477442	5746896		SAWYERS ARMS	CHRISTCHURCH CITY	HRD	3
35	HRDAU	HAREWOOD AU CABINET		2467190	5748874	Mokiana Island rd		CHRISTCHURCH CITY	HRD	3
36	HSL	HALSWELL		2479209	5739545	440 HALDWELL RD	HALSWELL SOUTH	CHRISTCHURCH CITY	HSL	2
37	HSLT	HALSWELL T CABINET		2476058	5739581	134 SUTHERLANDS RD	HALSWELL EAST	CHRISTCHURCH CITY	HSL	2
38	HSLW	HALSWELL W CABINET		2479209	5739545		HALSWELL EAST	CHRISTCHURCH CITY	HSL	2
39	HSLX	HALSWELL X CABINET		2474401	5738569		HALSWELL EAST	CHRISTCHURCH CITY	HSL	2
40	HTN	HILLMORTON		2477424	5739391	23 LINCOLN RD	MIDDLETON	CHRISTCHURCH CITY	HTN	2
41	HTNEB	HILLMORTON BE CABINET		2479131	5739554		WESTMORLAND	CHRISTCHURCH CITY	HTN	2
42	HTNEE	HILLMORTON EE CABINET		2477953	5739812	Callinera Rd	WESTMORLAND	CHRISTCHURCH CITY	HTN	2
43	HTNEL	HILLMORTON EL CABINET		2475551	5739862	Nash Rd	HALSWELL EAST	CHRISTCHURCH CITY	HTN	2
44	HTNEM	HILLMORTON EM CABINET		2475118	5737703	Halwell Rd	HALSWELL EAST	CHRISTCHURCH CITY	HTN	2
45	HTNL	HORNBY MOBILE TELEPHONE		2474104	5746515	Callinera Rd	HORNBY NORTH	CHRISTCHURCH CITY	HTN	2
46	LMT	LAM MOBILE TELEPHONE		2475190	5742477			CHRISTCHURCH CITY	IKC	2
47	ISL	SILINGTON		2471983	5746841	163 HALSWELL JUNCTION RD	SILINGTON	CHRISTCHURCH CITY	ISL	2
48	ISLAB	SILINGTON AB CABINET		2462595	5746800	Nephees Rd	WEST MELTON	CHRISTCHURCH CITY	ISL	2
49	ISLAE	SILINGTON AE CABINET		2466885	5736534	Shards Rd	PREBBLETON	SELWYN DISTRICT	ISL	2

