

Mobile Coverage Programme Discussion Paper

Submission Cover Sheet

Submission Information

This cover sheet should be attached to submissions made to the Department of Communications in relation to the Mobile Coverage Programme Discussion Paper.

Contact Details

Name of respondent:	
Name of organisation:	Regional Development Australia Yorke and Mid North
Phone:	
Email:	
Website (if applicable):	http://www.yorkeandmidnorth.com.au/
Date:	28 February 2014

Confidentiality and privacy

All submissions and comments, or parts thereof, will be treated as non-confidential information unless specifically requested, and acceptable reasons should accompany each request. Email disclaimers will not be considered sufficient confidentiality requests.

Respondents lodging a submission should be aware that submissions (excluding any information agreed to be treated as confidential information) will be made publicly available, including on the Department of Communications' website. Submissions and comments will be subject to freedom of information provisions. Despite a submission being identified as confidential or sensitive, submissions may be disclosed where authorised or required by law, or for the purpose of parliamentary processes.

Do you want all or parts of the submission to be treated as confidential? No ☐

If yes, identify below which parts of the submission are to be treated as confidential (and provide a reason):

N/A

If the submission contains personal information of any third party individual, indicate on this Submission Cover Sheet if that third party individual has not consented to the publication of his or her personal information:

Submission Instructions

Submissions are to be made by **5:00pm (AEST) Friday 28 February 2014**.

Where possible, submissions should be lodged electronically, preferably in Microsoft Word or other text-based formats via the email address mobilecoverage@communications.gov.au

Alternatively, submissions can be sent to the postal address below (to arrive by the due date):

The Manager
Mobile Coverage Programme
Department of Communications
GPO Box 2154
CANBERRA ACT 2615

All submissions lodged will be acknowledged by the Department of Communications by email (or by letter if no email is provided). Respondents lodging a submission who do not receive acknowledgement of their submission should contact the Department. Submissions which are not acknowledged by the Department as being received may not be considered. Respondents should be aware that emails greater than 10Mb may not be successfully delivered.

28 February 2014

The Manager
Mobile Coverage Programme
Department of Communications
PO Box 2154
Parliament House
CANBERRA ACT 2615

Dear Sir/Madam

RE: Mobile Coverage Programme – Submission

Please find attached a submission from the Yorke and Mid North region of South Australia in regard to the Mobile Coverage Programme.

The information in this document has been compiled from various sources including residents, business and industry representatives, including professionals that are required to travel throughout the region on a regular basis including health and government workers.

Backhaul issues on some of the regions key transport routes include from Tarlee to Clare and Clare through to Crystal Brook. Consultation within the region has informed the submission and additionally the items listed in attachment 1 are considered to be some of the region's major priorities, based on population, transport routes and risk relating to emergency service communication.

Please contact us if you require any further information or clarification.

Yours sincerely



Kelly-Anne Saffin
Chief Executive Officer



An Australian Government Initiative



Local Government Partners

Clare & Gilbert Valleys Council | District Council of Barunga West
District Council of Mount Remarkable | Northern Areas Council
District Council of Peterborough | Wakefield Regional Council
District Council of Yorke Peninsula | Regional Council of Goyder
District Council of the Copper Coast | Port Pirie Regional Council
District Council of Ororoo Carrieton

Region Background & Context

- The Yorke and Mid North region covers an area of approximately 34,930 square kilometres with a total population of 76,549 people (ABS 2010), this representing almost a quarter of the regional population of South Australia.
- Around 80 individual communities form the broader Yorke and Mid North region aligning around the geographic sub-regions of the Southern Flinders Ranges, Yorke Peninsula, Clare Valley & Mid North.
- The largest centre in the region is Port Pirie with a population of 13, 206 with the townships of Kadina (4,026), Moonta (3,350), Clare (3,063), and Wallaroo (3,053) forming the next distinctive tier of population concentration in the region.
- Towns such as Peterborough, Balaklava, Crystal Brook, Jamestown, Ardrossan, and Maitland are other recognised service hubs in the region, all with populations of between one and two thousand people.
- Around 30,000 people - are located outside of the main service centres, in smaller communities of under one thousand people or rurally based outside of any defined township.
- A major portion of our region includes farming districts, with some significant primary producing areas. Many of the agricultural farming properties are substantial in size and a lack of mobile coverage poses risks to those working on the land and or transporting to major port and storage hubs, particularly when injury occurs.
- Many of the wineries in the Clare Valley do not have mobile coverage which impacts upon their day to day business operations. Both the agricultural and viticulture industries experience delays relating to varying aspects of their operations due to limited or no mobile coverage.
- Our agricultural areas in addition to the Southern Flinders are major fire risk areas and the recent bushfires in Banglor earlier this year burnt 90 per cent of the Wirrabara Forest in the southern Flinders Ranges, just a year after a fire in the Bundaleer Forest wiped out 30 per cent of pine plantations. There were many risks for residents and emergency service workers unable to communicate.

Attached is a list of black spots compiled from extensive consultation within the region residents, business and industry representatives, including professionals that are required to travel throughout the region on a regular basis including health and government workers.

*The items **highlighted** are considered to be some of our major priorities, based on population, transport routes and risk relating to emergency service communication – these are also summarised in attachment 1*

ATACHMENT 1

Yorke and Mid North, South Australia					
LGA	AREA / LOCATION INFO	EST NO. OF PREMISES / PERSONS AFFECTED	TRANSPORT ROUTE / NATIONAL HIGHWAY	ISSUES	OTHER INFORMATION
Yorke Peninsula	Maitland / Minlaton Road - Uraina est 10km outside of Maitland - no converge for approx 5 kms	commuters & Locals all road traffic	Commodity route (grains, legumes) & Tourist route	Coverage drops out for approximately 5kms	Emergency Service impacts, including inability to communicate effectively re fires
Barunga West	Bute (most of township and surrounds)	est. 300 population	Upper Yorke Road- tourists to Pt Broughton & Pt Pirie, Snowtown Road	minimal coverage- many drop-outs, emergency	Reported by Emergency services- CFS NYP Deputy Group Officer, SES, SAAS
Clare & Gilbert Valley	Rhynie	362 residents and several businesses.	Main North Road. Heavy vehicle route	No service within the area.	Emergency service issue. Household and business restriction
Clare and Gilbert Valleys	Penwortham township through to Seven Hill (from the Riesling trail over pass towards Sevenhill for approx. 1.5 kms.)	N/A	Main North Road	Phone service cuts out	
Clare and Gilbert Valleys	Penwortham - 3km in North-south direction, 5km in east-west direction	10-15 businesses and 60-80 residences	N/A	High fire risk area	Business impacts...no ADSL availability either
Clare and Gilbert	SevenHill township	418	Main North Road	Phone reception is limited or cuts	Emergency Service impacts and

Valleys		residents and 5 businesses		out	household / business limitation
Mount Remarkable	Bangor, Wongyarra	N/A	N/A	<i>Note - Jan /February 2014 fires...</i>	Emergency Service impacts
Port Pirie Regional Council	Koolunga Primary School & Koolunga generally	200 residents	No service within the area	Safety, fire, emergency details and general communication	No Telstra service okay with Optus
Port Pirie Regional Council/ Clare and Gilbert Valleys/ Wakefield Regional Council/ Northern Areas Council	Horrocks Highway / Main North Road (B82) approx 53.1 km stretch from Bungaree to (Narriby) near Crystal Brook	N/A	N/A	N/A	Emergency Services, Major Transport Routes and townships including Yacka and Gulnare. Also part of a major tourism route from Flinders to Burra and alternative route from Perth to Sydney. Up to 40 minutes drive with no mobile service.
Orroroo Carrieton	Orroroo (north and east of) and up to the border of NSW	Isolated area, safety issues for tourists and workers	N/A	N/A	N/A
Orroroo Carrieton / Northern Areas	Between Orroroo and Tarcowie	N/A	N/A	intermittent coverage	N/A
Orroroo Carrieton	Hawker - Carrieton - Orroroo	unknown	RM Williams Road	Cuts in and out of service	Tourism attraction
Orroroo Carrieton	Pekina Valley		Commodity routes (grains, livestock)	Minimal to no coverage in this area. Affects safety, emergency service information access, tourism. When the power goes out, landline access also no longer available. Businesses are impacted - farmers unable to contact transporters and employees . Also effects participation in sporting and other events as people want to be in a location with mobile coverage.	Improved safety for locals and visitors

YORKE AND MID NORTH REGION - MOBILE BLACK SPOTS

No.	LGA	AREA / LOCATION INFO	EST NO. OF PREMISES / PERSONS AFFECTED	TRANSPORT ROUTE / NATIONAL HIGHWAY	ISSUES	OTHER INFORMATION
2	Barunga West	Tickera	est. 320 population	N/A	Farming and tourism district	emergency services communication cannot occur
3	Barunga West	Alford to Pt Broughton (patchy)	N/A	Commodity route and tourism route	Farming and tourism district	emergency services communication cannot occur
4	Barunga West	Bute (most of township and surrounds)	est. 300 population	Upper Yorke Road- tourists to Pt Broughton & Pt Pirie, Snowtown Road	minimal coverage- many drop-outs, emergency	Reported by Emergency services- CFS NYP Deputy Group Officer, SES, SAAS
5	Barunga West	Between Alford and Tickera	N/A	McIntosh Road	minimal to no coverage	N/A
6	Barunga West / Copper Coast / Wakefield	Est. 30km stretch between Kadina to Snowtown	N/A	Commodity route	Farming district	emergency services communication cannot occur
7	Burra	Burra - Morgan	unknown	Goyder Hwy	Cuts in and out	emergency service issue and tourism route
8	Clare & Gilbert Valley	Gulnare - Spalding - Clare	Goyder highway, RM Williams Way, Main North Road	N/A	N/A	N/A
9	Clare & Gilbert Valley	Rhynie	362 residents and several businesses.	Main North Road. Heavy vehicle route	No service within the area.	Emergency service issue. Household and business restriction

10	Clare & Gilbert Valley / Northern Areas Council	Main North Road between Clare - Yacka and Gladstone	Tourists, All commuters, local road traffic	Main North Road is the major north-south arterial route north of the city of Adelaide	N/A	N/A
11	Clare & Gilbert Valley Council	Bungaree station	Tourist	Main North Road	No service within the area	Tourism attraction
	Clare & Gilbert Valley Council	Tothills Ranges and Webbs Gap	N/A	Walking Trail - Heyson Trail	Cuts in and out	CFS Issue in Natural Vegetation, Tourism attraction with the Heyson Trail
12	Clare and Gilbert Valleys	Penwortham township through to Seven Hill (from the Riesling trail over pass towards Sevenhill for approx. 1.5 kms.)	N/A	Main North Road	Phone service cuts out	Emergency Service impacts and household / business limitation
13	Clare and Gilbert Valleys	Penwortham - 3km in North-south direction, 5km in east-west direction	10-15 businesses and 60-80 residences	N/A	High fire risk area	Business impacts...no ADSL availability either
14	Clare and Gilbert Valleys	SevenHill township	418 residents and 5 businesses	Main North Road	Phone reception is limited or cuts out	Emergency Service impacts and household / business limitation
15	Clare and Gilbert Valleys	Penna Lane Winery - Spring Gully Road - approx. 3-4 kms radius (and affects nearby Kilakahoon Wines) - no coverage at all	N/A	N/A	<i>Note - No internet availability either</i>	N/A
16	Clare and Gilbert Valleys	Brinkworth (32km from Clare)	N/A	N/A	intermittent coverage in township	Tourist destination

17	Copper Coast	Moonta Bay - Moonta Bay caravan park and some residences	N/A	N/A	limited to no coverage at caravan park and phone drops out in some residential properties	Residential / Tourism township
18	Copper Coast	Moonta	N/A	Robert Street / George St	Minimal / intermittent coverage if with Optus	tourism destination
19	District Council of Mount Remarkable	Port August - Wilmington	unknown	Horrocks Pass Road	N/A	Tourism attraction. CFS Issue with natural vegetation
20	District Council of Peterborough and District Council of Goyder	Peterborough - Hallett - Burra	unknown	Barrier Highway	Cuts in and out	emergency service issue
21	Goyder	Auburn - Balaklava	unknown	Port Wakefield to Auburn Road	Phone reception limited or cuts out	emergency service issue. Household limitation
22	Goyder	Mount Bryan	est.70	N/A	N/A	N/A
23	Goyder	Mt Bryan	N/A	N/A	N/A	N/A
24	Goyder	Worlds End - Robertson	est.318	N/A	N/A	Emergency service communication issues, including a fatality
25	Mount Remarkable	Melrose - Wilmington - Horrocks Pass	N/A	N/A	N/A	N/A
26	Mount Remarkable	Murray Town to Wirrabara (approx 2km before Wirrabara through for an estimated 16kms)	N/A	N/A	N/A	N/A

27	Mount Remarkable	Orroroo to Appila including the Tarcowie area	N/A	N/A	N/A	N/A
28	Mount Remarkable	Appila to Jamestown (weak or no signal for approx 30km)	N/A	N/A	N/A	N/A
29	Mount Remarkable	Survey Road, Bangor to Melrose	N/A	N/A	Note - Jan /February 2014 fires...	Emergency Service impacts, including inability to communicate effectively re fires
30	Mount Remarkable	Melrose to Murray Town (intermittent / weak signal)	N/A	N/A	N/A	N/A
31	Mount Remarkable	Bangor, Wongyarra	N/A	N/A	Note - Jan /February 2014 fires...	N/A
32	Mount Remarkable	Booleroo to Murray Town (no or weak signal)	tourism, business, emergency services		Note - Jan /February 2014 fires...	N/A
33	Mount Remarkable	Horrocks Pass Wilmington	N/A	N/A	N/A	N/A
34	Mount Remarkable	Hughes Gap - Warnertown to Jamestown road = Wilkins Highway	N/A	N/A	N/A	N/A
35	Mount Remarkable	Beetaloo Valley (between Laura and Crystal Brook) - intermittent to no coverage	N/A	Emergency Service impacts, including inability to communicate effectively re fires	Emergency Service impacts, including inability to communicate effectively re fires	Emergency Service impacts, including inability to communicate effectively re fires

36	Mount Remarkable	Germein Gorge - eastern and to western end	N/A	N/A	<i>Note - Limited to no internet availability either & Jan /February 2014 fires...</i>	N/A
37	Mount Remarkable	Port Germein Gorge & Port Germein Road	unknown	Port Germein - Murrumbidgee Town Road		CFS Issue - witnesses in the 2014 fires
	Northern Areas	Between Gladstone and Caltowie = Wilkins Highway (Intermittent coverage)	N/A	N/A	N/A	N/A
38	Northern Areas	North of Tarcowie (approx 7km out)	N/A	N/A	N/A	N/A
39	Northern Areas	Stone Hut and surrounds - intermittent to no coverage	N/A	N/A	Fires	Emergency Service impacts, including inability to communicate effectively re fires
40	Northern Areas	Georgetown and Georgetown to Yacka	N/A	N/A	N/A	N/A
41	Northern Areas Council	Gulnare to Yacka and beyond (approx 10kms)	N/A	N/A	N/A	N/A
42	Northern Areas Council	Between Crystal Brook turn off and Laura	N/A	N/A	N/A	N/A
43	Northern Areas Council	Laura - Beetaloo Valley	unknown	N/A	N/A	CFS Issue - witnesses in the 2014 fires
44	Northern Areas Council / through to NSW border	Peterborough to Broken Hill (outside of townships weak or no signal)	N/A	N/A	N/A	N/A

45	Orroro Carrieton / Mount Remarkable	Orroroo to Morchard / Wilmington	N/A	N/A	N/A	N/A
46	Orroroo Carrieton	Pekina Valley		Commodity routes (grains, livestock)	Minimal to no coverage in this area. Affects safety, emergency service information access, tourism. When the power goes out, landline access also no longer available. Businesses are impacted - farmers unable to contact transporters and employees . Also effects participation in sporting and other events as people want to be in a location with mobile coverage.	Improved safety for locals and visitors
47	Orroroo Carrieton	Orroroo to Pekina - no coverage	school buses and emergency services , including pathology - frequent use of this route	N/A	Affects safety, emergency service information access, tourism. When the power goes out, landline access also no longer available.	N/A
48	Orroroo Carrieton	Pekina to Booleroo road (approx 10kms of limited to no service)	N/A	N/A	N/A	N/A

49	Orroroo Carrieton	Orroroo outskirts through to the Hill between Tarcowie and Appila (intermittent to no coverage)	N/A	N/A	N/A	Inconveniences and safety issues for the public, tourists and workers as the geographic isolation does not provide options for contact in emergencies
50	Orroroo Carrieton	Orroroo to Carrieton	unknown	RM Williams Road	Cuts in and out of service	Tourism attraction
51	Orroroo Carrieton	Orroroo (north and east of) and up to the border of NSW	Isolated area, safety issues for tourists and workers	N/A	N/A	N/A
52	Orroroo Carrieton / Northern Areas	Between Orroroo and Tarcowie	N/A	N/A	intermittent coverage	N/A
53	Orroroo Carrieton	Hawker - Carrieton - Orroroo	unknown	RM Williams Road	Cuts in and out of service	Tourism attraction
54	Peterborough	Peterborough - Yunta	unknown	Barrier Highway	Cuts in and out	Emergency service issue
55	Peterborough	Between Mannanarie & Yongala	N/A	N/A	N/A	N/A
56	Port Pirie	Woodland Road, Wirrabra Forest	N/A	Woodland Road	limited to no coverage	Posed risks to families during the Jan Feb Fires as no one could access internet or phone information
57	Port Pirie / Northern Areas	Crystal Brook - Gulnare	N/A	N/A	N/A	N/A
58	Port Pirie / Northern Areas	Crystal Brook to Gladstone (approx 2-3kms)	N/A	N/A	N/A	N/A

59	Port Pirie Regional Council	Koolunga Primary School & Koolunga generally	200 residents	No service within the area	Safety, fire, emergency details and general communication	No Telstra service okay with Optus
60	Port Pirie Regional Council/ Clare and Gilbert Valleys/ Wakefield Regional Council/ Northern Areas Council	Horrocks Highway / Main North Road (B82) approx 53.1 km stretch from Bungaree to (Narridy) near Crystal Brook	N/A	N/A	N/A	Emergency Services, Major Transport Routes and townships including Yacka and Gulnare. Also part of a major tourism route from Flinders to Burra and alternative route from Perth to Sydney. Up to 40 minutes drive with no mobile service.
61	Wakefield	Salter Springs, 9kms south west of Rhynie and 25kms east of Balaklava - limited to no coverage	Safety issues - farming land / fire, injury emergency service access issues	N/A	N/A	N/A
62	Wakefield	Whitwarta	est. 250	N/A	limited to no coverage	N/A
63	Wakefield	Balaklava	N/A	N/A	residents report that the existing tower needs a booster	Business and farming district
64	Wakefield and Clare Valley Council	Brinkworth - Bungaree Station	unknown	Main North Road / Horrock Highway	Phone reception limited or cuts out	Tourism attraction
65	Wakefield Council	Halbury - Blyth Road around Hoyleton	unknown	Blyth - Halbury Road	phone service cuts out	emergency service issue and household limitation

66	Wakefield Council	Hoyleton	unknown	High St	Phone reception limited or cuts out	emergency service issue and household limitation
68	Wakefield Council and Northern Areas	Brinkworth - Gladstone	Yacka = 211 residents	Horrocks Highway	Phone service limited on 36km with 22km no service (from 10km south Georgetown and Yacka)	Effects Yacka and Gulnare township, emergency service issue and household and business limitation
69	Wakefield Regional Council	Brinkworth Township	401 residents and several businesses	N/A	N/A	emergency service issue. Household and business limitation
70	Wakefield Regional Council	Hamley Bridge Township	784 residents and businesses	N/A	N/A	emergency service issue. Household and business limitation
71	Wakefield Regional Council and	Lochiel - Clare	unknown	Leslie McIntyre - Blyth Road	Cuts in and out	emergency service issue and residential issue
72	Yorke Peninsula	Ardrossan (Arthurton Road limited to no coverage for 5kms)	commuters & Locals all road traffic	Commodity routes (grains, livestock)	Minimal to no coverage in this area	Improved safety for locals and visitors
73	Yorke Peninsula	Maitland / Minlaton Road - Uraia est 10km outside of Maitland - no converge for approx 5 kms	commuters & Locals all road traffic	Commodity route (grains, legumes) & Tourist route	Coverage drops out for approximately 5kms	Emergency Service impacts, including inability to communicate effectively re fires
74	Yorke Peninsula	Pt Vincent to Stansbury (no coverage for 5-10Kms)	commuters & Locals all road traffic	Commodity route (grains, legumes) & Tourist route	Coverage drops out for approximately 5kms	Emergency Service impacts, including inability to communicate effectively re fires

75	Yorke Peninsula	Pine Point area and Ardrossan to Pine Point (no coverage for 5 Kms)	commuters & Locals all road traffic	Commodity route (Yorke Highway) & Tourist route	minimal coverage	Emergency Service impacts, including inability to communicate effectively re fires
76	Yorke Peninsula	Warooka to Marion Bay 20-40Kms no coverage	commuters & Locals all road traffic	Commodity route (grains, legumes) & Tourist route	Coverage drops out for approximately 5kms	Emergency Service impacts, including inability to communicate effectively re fires
77	Yorke Peninsula	Port Rickaby (foreshore area and Barkers rock area, Rickaby to Wauraltee)	N/A	N/A	tourist destination	
78	Yorke Peninsula	Urania	commuters & Locals all road traffic	Farming and Tourism district	no coverage - required to drive approx. 5 kms to gain coverage.	Farming district, tourism route
79	Yorke Peninsula	Curramulka township and surrounds	148 residents	Mount Rat Road -Dans Road...Farming District	No service in the area	emergency service issue. Household and business restriction
80	Yorke Peninsula	Corny Point	155 residents, businesses and seasonal tourists	Corny Point Road	Limited Service / drops out	Tourism attraction
81	Yorke Peninsula	Foul Bay (Mud Alley), between Warooka and Foul Bay and Foul Bay to Marion Bay		N/A	Limited Service / drops out	N/A
82	Yorke Peninsula	Gleesons Landing	N/A	N/A	limited to no coverage	Tourist destination
83	Yorke Peninsula	Port Moorowie	N/A	N/A	limited to no coverage	

84	Yorke Peninsula	between Maitland and Balgowan	N/A	N/A	limited to no coverage	farming district
85	Yorke Peninsula	Wool Bay	estimated 260	N/A	limited to no coverage	Tourist destination
86	Yorke Peninsula	Weetulta - Pipeline road	N/A	Pipeline Road	limited / intermitment coverage	business and emergency service impacts
87	Yorke Peninsula	Marion Bay	N/A	N/A	limited / intermittent coverage	tourism and business impacts
88	Yorke Peninsula	Minlaton to Ardrossan Rod Curramulka, James Well, Rogues Point	commuters & Locals all road traffic	Yorke Highway - Commodity and Tourist route	Regular drop outs and black spots	Emergency service impacts, business impacts and impact on local and tourist users
89	Yorke Peninsula	Brentwood	estimated 25 population	N/A	Minimal to no coverage in the area	Emergency Services impacts
90	Yorke Peninsula	Maitland to Moonta	N/A	Spencer Highway	Regular drop outs / black spots	Emergency Services impacts
91	Yorke Peninsula	Between Price and Ardrossan	N/A	Just south of Cook Road	Low coverage / occasional drop outs	Minimal impacts
92	Yorke Peninsula	Edithburgh	Locals, tourists	Township itself	Minimal signal / complete drop outs	Emergency Services impacts, local business impact, tourists
93	Yorke Peninsula	Old Port Vincent Road	Locals, road traffic	Old Port Vincent Road	Low coverage / occasional drop outs	N/A
94	Yorke Peninsula	Sturt Bay	N/A	South Coast Road	Minimal to no coverage	tourism destination
95	Yorke Peninsula	Pt Vincent - within township - patchy	N/A	N/A	Patchy coverage / intermittent	Emergency service communication issues, including a fatality

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