



NATIONAL BROADBAND NETWORK POINTS OF INTERCONNECTION

**An ACCC *Consultation Paper* on the proposed Section 151DB list of points
of interconnection to the National Broadband Network**

3 August 2012



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1. Introduction

This consultation paper has been published to clarify changes to the locations of Points of Interconnect (POIs) to the National Broadband Network (NBN) that will be listed under section 151DB of the *Competition and Consumer Act 2010* (CCA). It also invites comments on the form of the final list of POIs, which will be published on the ACCC website in accordance with the CCA.

1.1 Timetable for consultation

The ACCC seeks stakeholders' comments on the draft list of POIs to be published under section 151DB. Submissions will be accepted no later than 5.00 pm on **31 August 2012**.

All submissions will be considered public and published on the ACCC's website. If interested parties wish to submit commercial-in-confidence material to the ACCC they should submit both a public and a commercial-in-confidence version of their submissions. The public version should clearly identify the commercial-in-confidence material by replacing the confidential material with an appropriate symbol or '[c-i-c]'.

The ACCC prefers to receive submissions in either Adobe PDF or Microsoft Word format which allow text to be searched.

1.2 Making submissions

The ACCC encourages industry participants, other stakeholders and the public more generally to make submissions to the ACCC to assist it in finalising the list of POIs. Please forward submissions by email to the following contact officers:

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2. Section 151DB list of POIs

Under Section 151DB of the CCA, the ACCC must prepare a written list of points of interconnection to the NBN, the 'section 151DB list', and publish this list on its website. The Commission can only vary the list in force with the agreement of NBN Co.¹

NBN Co can refuse to provide interconnection at a location that is not a POI included on the list (listed POI) if this refusal is reasonably necessary to achieve uniform national pricing.²

2.1 Background

In December 2010, the ACCC released its advice to government on the number and location of the initial POIs for the NBN that would best meet the long-term interests of end users. In that advice, the ACCC considered that the initial POIs for the NBN would best meet the long-term interest of end-users when they are located according to a semi-distributed approach, a set of principles (the Competition Criteria) and are consistent with pre-defined network planning rules.

Under the Competition Criteria a POI should be located where it is technically and operationally feasible to allow interconnection and there are at least two competitors with optical fibres within a nominated distance from the location which connects to an optical fibre network which is connected to a capital city.³ NBN Co, in consultation with the ACCC, developed a set of network planning rules (the Planning Rules) based on the Competition Criteria. The Planning Rules included a soft cap of 80,000 premises per POI in metro areas and 100,000 premises per POI in regional areas. NBN Co developed a list of 120 initial POIs based on the Competition Criteria and the Planning Rules.

In December 2010, the ACCC commenced a public consultation process on the 120 POIs proposed by NBN Co. The submissions received from stakeholders in response to this consultation recommended the relocation, addition and consolidation of some POIs. As an outcome of the review NBN Co, in consultation with the ACCC, proposed the relocation of 5 POIs, the addition of 2 POIs and the consolidation of a further POI. NBN Co advised that it would be building its own facilities in locations where sharing Telstra exchange buildings was not technically feasible. The list of revised POIs was published on the ACCC's website in February 2011.

In May 2011 the ACCC published a further revised list of POIs to the NBN. This list identified POIs that had changed from previous lists due to technical limitations in the facilities originally chosen as POIs. This new list identified 20 relocated POIs and 10 POIs where NBN Co would build their own facilities.

¹ Subsection 151DB (2A)

² 151DA (2)

³ In addition the competitors should deliver wholesale transmission services suitable for service providers who wish to connect to NBN at that location; and there must exist evidence that the particular route is, or is likely to become, effectively competitive.

3. Changes to the May 2011 list of POIs

The table below sets out a list of changes between the list published in May 2011 and the draft section 151DB list which is the subject of this consultation paper. The table identifies the revised location and names of nine NBN Co built POIs and the relocation of the North Parramatta POI to the Parramatta Telstra exchange. The ACCC has assessed the changes proposed by NBN Co and is satisfied that the nominated locations are consistent with the adopted semi-distributed approach and the Competition Criteria.

Table 1: Changes to the section 151DB List of POIs from List published in May 2011

State	Proposed POI name	POI location	Type	Located in	Previous Location of POI (in May 2011 list)
NSW	* Eastern Creek	Eastern Creek	Metro	Adjacent ESA	*Edensor Park
NSW	* Asquith	Hornsby	Metro	Same ESA	*Hornsby
NSW	Parramatta	Parramatta	Metro	Adjacent ESA	North Parramatta
QLD	* Aspley Depot	Aspley	Metro	Adjacent ESA	*Chermside
QLD	* Acacia Ridge ⁴	Acacia Ridge	Metro	Adjacent ESA	Salisbury
SA	*Greenfields	Greenfields	Metro	Adjacent ESA	*Gepps Cross
SA	*Lonsdale	Lonsdale	Metro	Adjacent ESA	*Reynella
VIC	*Nunawading	Nunawading	Metro	Adjacent ESA	*Burwood
WA	*Wangara	Wangara	Metro	Adjacent ESA	*Kingsley
WA	*Bentley	Bentley	Outer Metro	Non-adjacent ESA	*Maida Vale

An excel worksheet is available at <http://www.accc.gov.au/content/index.phtml/itemId/952292> that provides further information on the proposed changes.

4. Public and confidential versions of the List of POIs

For the purposes of section 151DA of the CCA, a point of interconnection means a location for the interconnection of facilities. As such, the location of the POI must be published as part of the list setting out POIs under section 151DB of the CCA.

The ACCC proposes to publish a public version of the list of POIs to the NBN.

The ACCC proposes that the public version of the section 151DB list of POIs include:

- State
- POI name
- POI location
- POI type (metro/regional/outer metro)

The draft public version of the section 151DB list of POIs is set out in Appendix A.

Due to concerns about the security of infrastructure assets, it is proposed that the physical addresses of each POI be kept confidential. Stakeholders will need to contact NBN Co directly if they require the specific physical address details of any of the POIs.

The confidential version of the list includes:

⁴ This POI will be an NBN Co built POI

- State
- POI name
- POI location
- POI Type (metro/regional/outer metro)
- Physical address of the POI premises

Interested parties will be required to enter into confidentiality agreements with NBN Co in order to gain access to the physical address and other POI details not included in the public list. They should refer to the link below:

<http://www.nbnco.com.au/getting-connected/service-providers/network-rollout.html>

5. Scope of the consultation

The ACCC has released this final consultation paper for stakeholders to better understand changes to POI locations since the list was published on the ACCC's website in May 2011 and, in particular, to receive comments on the form of the list. In this regard, the ACCC seeks stakeholders' comments on what POI related information should be included in the final list, together with views on the approach set out above in relation to the exclusion of physical addresses from the public list.

The ACCC has assessed the changes to the May 2011 list and considers they meet the Competition Criteria, network planning and design rules.

Given the number and location of POIs has been the subject of previous consultation and that any changes to the location of POIs since the May 2011 list result in POIs which are (in all cases except one) in either the same or an adjacent exchange serving area, the ACCC is not seeking further submissions on the location of individual POIs. The ACCC notes that in the one case (the relocation of the Maida Vaile POI to Bentley) where a relocated POI is not in the same or an adjacent ESA, the new location is within a short distance, is in close proximity to existing fibre providers and meets the relevant competition and planning criteria.

Appendix A



**Australian
Competition &
Consumer
Commission**

Listed Points of Interconnection – NBN Corporation

Competition and Consumer Act 2010

The AUSTRALIAN COMPETITION AND CONSUMER COMMISSION has prepared this list setting out points of interconnection under section 151DB of the *Competition and Consumer Act 2010*. This list is a list in force under sub-section 151DB (1).

Date of list: [Date of Commission decision]

.....
Rod Sims
Chairman
Australian Competition and Consumer Commission

List of points of interconnection to the National Broadband Network [date 2012]

	State	POI name	POI location	Type
1	ACT	Civic	Braddon	Regional
2	ACT ⁵	Queanbeyan	Queanbeyan	Regional
3	NSW	Albury	Albury	Regional
4	NSW	Asquith*	Hornsby	Metro
5	NSW	Berkeley Vale	Berkeley Vale	Regional
6	NSW	Blacktown	Blacktown	Metro
7	NSW	Campbelltown	Campbelltown	Outer Metro
8	NSW	Campsie	Campsie	Metro
9	NSW	Carramar	Carramar	Metro
10	NSW	Castle Hill	Castle Hill	Metro
11	NSW	Chatswood	Chatswood	Metro
12	NSW	City South	Sydney	Metro
13	NSW	Coffs Harbour	Coffs Harbour	Regional
14	NSW	Dalley	Sydney	Metro
15	NSW	Dubbo	Dubbo	Regional
16	NSW	Eastern Creek*	Eastern Creek	Metro
17	NSW	Edgecliff	Edgecliff	Metro
18	NSW	Frenchs Forest	Frenchs Forest	Metro
19	NSW	Glebe	Glebe	Metro
20	NSW	Gosford	Gosford	Regional
21	NSW	Grafton	Grafton	Regional
22	NSW	Hamilton	Hamilton	Regional
23	NSW	Kensington	Kensington	Metro
24	NSW	Lakemba	Lakemba	Metro
25	NSW	Lidcombe	Lidcombe	Metro
26	NSW	Liverpool	Liverpool	Metro
27	NSW	Maitland	East Maitland	Regional
28	NSW	Mayfield	Mayfield	Regional
29	NSW	Miranda	Miranda	Metro
30	NSW	Mosman	Mosman	Metro
31	NSW	Newtown	Newtown	Metro
32	NSW	Nowra-Bomaderry	Nowra	Regional
33	NSW	Parramatta	Parramatta	Metro
34	NSW	Peakhurst	Peakhurst	Metro
35	NSW	Pendle Hill	Pendle Hill	Metro
36	NSW	Penrith	Penrith	Metro
37	NSW	Rockdale	Rockdale	Metro
38	NSW	Ryde	Ryde	Metro

⁵ The Queanbeyan POI will be located in NSW but will predominantly serve premises in the ACT.

	State	POI name	POI location	Type
39	NSW	St Leonards	St Leonards	Metro
40	NSW	Tamworth	Tamworth	Regional
41	NSW	Wagga Wagga	Wagga Wagga	Regional
42	NSW	Windsor	Windsor	Metro
43	NSW	Wollongong	Wollongong	Regional
44	NT	Darwin	Darwin	Regional
45	QLD	Acacia Ridge*	Acacia Ridge	Metro
46	QLD	Aspley Depot*	Aspley	Metro
47	QLD	Aspley	Aspley	Metro
48	QLD	Bundaberg	Bundaberg	Regional
49	QLD	Bundamba	Bundamba	Metro
50	QLD	Caboolture	Caboolture	Outer Metro
51	QLD	Cairns	Cairns	Regional
52	QLD	Camp Hill	Camp Hill	Metro
53	QLD	Eight Mile	Eight Mile Plains	Metro
54	QLD	Goodna	Goodna	Metro
55	QLD	Ipswich	Ipswich	Outer Metro
56	QLD	Mackay	Mackay	Regional
57	QLD	Merrimac	Merrimac	Regional
58	QLD	Nambour	Nambour	Regional
59	QLD	Nerang	Nerang	Regional
60	QLD	Petrie	Petrie	Metro
61	QLD	Rockhampton	Rockhampton	Regional
62	QLD	Slacks Creek	Logan Central	Metro
63	QLD	Southport	Southport	Regional
64	QLD	Toowoomba	Toowoomba	Regional
65	QLD	Townsville	Townsville	Regional
66	QLD	Woolloongabba	Kangaroo Point	Metro
67	SA	Edwardstown	Glandore	Metro
68	SA	Elizabeth	Elizabeth	Outer Metro
69	SA	Greenfields*	Greenfields	Metro
70	SA	Lonsdale*	Lonsdale	Metro
71	SA	Modbury	Modbury	Metro
72	SA	Port Augusta	Port Augusta	Regional
73	SA	Prospect	Prospect	Metro
74	SA	St Marys	Daw Park	Metro
75	SA	Stirling	Stirling	Regional
76	TAS	Hobart	Hobart	Regional
77	TAS	Launceston	Launceston	Regional
78	VIC	Ballarat	Ballarat	Regional
79	VIC	Bendigo	Bendigo	Regional
80	VIC	Caulfield	Caulfield	Metro
81	VIC	Cheltenham	Cheltenham	Metro

	State	POI name	POI location	Type
82	VIC	Cranbourne	Cranbourne	Outer Metro
83	VIC	Dandenong	Dandenong	Metro
84	VIC	Exhibition	Melbourne	Metro
85	VIC	Footscray	Footscray	Metro
86	VIC	Geelong	Geelong	Regional
87	VIC	Hawthorn	Hawthorn	Metro
88	VIC	Horsham	Horsham	Regional
89	VIC	Karingal	Frankston	Metro
90	VIC	Kew	Kew	Metro
91	VIC	Keysborough	Keysborough	Outer Metro
92	VIC	Kings Park	St Albans	Metro
93	VIC	Lilydale	Lilydale	Metro
94	VIC	Mount Eliza	Mt Eliza	Metro
95	VIC	North Balwyn	Balwyn North	Metro
96	VIC	Nunawading*	Nunawading	Metro
97	VIC	Port Melbourne*	Port Melbourne	Metro
98	VIC	Reservoir	Reservoir	Metro
99	VIC	Ringwood	Ringwood	Metro
100	VIC	Shepparton	Shepparton	Regional
101	VIC	South Morang	Mill Park	Metro
102	VIC	St Kilda	St Kilda	Metro
103	VIC	Thornbury	Thornbury	Metro
104	VIC	Traralgon	Traralgon	Regional
105	VIC	Tullamarine	Tullamarine	Regional
106	VIC	Werribee	Werribee	Metro
107	VIC	Wheelers Hill	Wheelers Hill	Metro
108	WA	Applecross	Applecross	Metro
109	WA	Bassendean	Bassendean	Metro
110	WA	Bentley*	Bentley	Outer Metro
111	WA	Cannington	Cannington	Metro
112	WA	Doubleview	Doubleview	Metro
113	WA	Geraldton	Geraldton	Regional
114	WA	Hilton	O'Connor	Metro
115	WA	Katanning	Katanning	Regional
116	WA	Kelmscott	Kelmscott	Outer Metro
117	WA	Mullaloo	Craigie	Outer Metro
118	WA	Pinjarra	Pinjarra	Regional
119	WA	South Coogee	Wattleup	Regional
120	WA	Subiaco	Subiaco	Metro
121	WA	Wangara*	Wangara	Metro

* Indicates an NBN Co built POI

Confidential Annexure

Confidential Table: Addresses of points of interconnection to the National Broadband Network [date 2012]

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