

Boundary Descriptions for Victoria's Ramsar Sites – Corner Inlet



Introduction

Ramsar wetlands are wetlands of international importance listed under the Convention on Wetlands (Ramsar, Iran 1971). Victoria has 11 wetlands listed under this convention.

It is a requirement of the Convention on Wetlands that suitable maps are provided for each Ramsar wetland along with a written description of the boundary (Ramsar Convention 2012). The Australian Government Department of Climate Change, Energy, the Environment and Water requires that both the written description and the spatial data of the Ramsar site boundaries are accurate and legally defensible. This information is used to gazette the boundary of the declared Ramsar wetland in accordance with Section 327 of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Under the EPBC Act there are requirements for approval of activities which have, or are likely to have, a significant impact on the ecological character of a declared Ramsar wetland. Precise identification of site boundaries helps to ensure that the exact boundaries of the Ramsar site can be easily identified, which can facilitate compliance with the EPBC Act as well as its effective enforcement.

The RAMSAR100 spatial dataset is a polygon layer that identifies each Victorian Ramsar area individually. RAMSAR100 was produced in conjunction with a report describing each Ramsar site (DCNR 1995). The Department of Environment, Land, Water and Planning (DELWP) is the custodian of RAMSAR100. Most of the line work in RAMSAR100 was initially derived from 1:100,000 reference data. Because of its broader scale, this data was not always consistent with the cadastre and other more accurate features that have now been used to better define Victoria's Ramsar Sites. A newer RAMSAR25 spatial dataset was produced in 2011 (last updated 30/06/2013) to improve mapping accuracy by aligning the boundary to Vicmap parcel, road, hydro and water area data as well as using high-resolution digital aerial photography to improve the precision to 1:25,000.

This report updates the written boundary description for Corner Inlet to conform with recent guidance for writing boundary descriptions and for providing maps and spatial data (Ramsar Convention 2012, DoE 2014). Accuracy of mapping in RAMSAR25 was improved by aligning boundaries to appropriate features from the following 1:25,000 datasets:

- 2010 Index of Stream Condition - Top of Bank line features (11 May 2016)
- Parks and Conservation Reserves (18 November 2015)
- Public Land Management (PLM25) (26 October 2015)
- Road Network 1:25,000 - Vicmap Transport – Road (07 December 2015)
- Vicmap Property (07 December 2015)
- Water Area 1:25,000 – Vicmap Hydro (23 November 2015)

In locations where these datasets did not adequately represent the boundary, point coordinates were generated and/or features were traced from high resolution (>50 cm pixels) digital aerial photography held by DELWP.

These datasets are represented in spatial products available through The Victorian Government Data Directory (www.data.vic.gov.au).

All coordinates listed in this document are based on the 1994 Geocentric Datum of Australia (GDA94). Stated areas are in hectares and have been calculated in Albers Equal Area projection. A table of GDA94 coordinates (latitude, longitude) that form part of the definitions are provided for each site as required.

In the description Crown Land parcels are identified concisely using the Vicmap Property convention of allotment number with optional section number separated by a tilde (~) followed by the Victorian Parish code number from the Vicmap Property data set. For example:

- 27B on parish plan 3363 = Crown Allotment 27B on the parish plan for Pakenham (parish code 3363)
- 27B~A1 on parish plan 3363 = Crown Allotment 27B in Section A1 on the parish plan for Pakenham (parish code 3363)

The Ramsar site boundaries can be viewed through the Land Channel's interactive maps web site (<http://services.land.vic.gov.au/maps/interactive.jsp>).

1 Corner Inlet

Corner Inlet Ramsar Site is a marine embayment located approximately 200 kilometres southeast of Melbourne. The site is bounded by Wilsons Promontory in the southwest and extends to a portion of the ninety mile beach in the east covering approximately 67,000 hectares. The boundary essentially follows that of three marine parks (Corner Inlet Marine and Coastal Park, Corner Inlet Marine National Park and Nooramunga Marine and Coastal Park) with a small, unreserved area of coastal waters between (Figure 11).

The site comprises extensive intertidal mudflats, tidal channels, and sandy barrier islands and includes the marine and estuarine areas of inflowing creeks and small areas of freshwater wetland on islands within the boundary. Corner Inlet Ramsar Site has large areas of seagrass and mangrove vegetation communities, supports significant migratory bird populations, provides important habitat for beach nesting birds and supports outstanding fish habitat values.

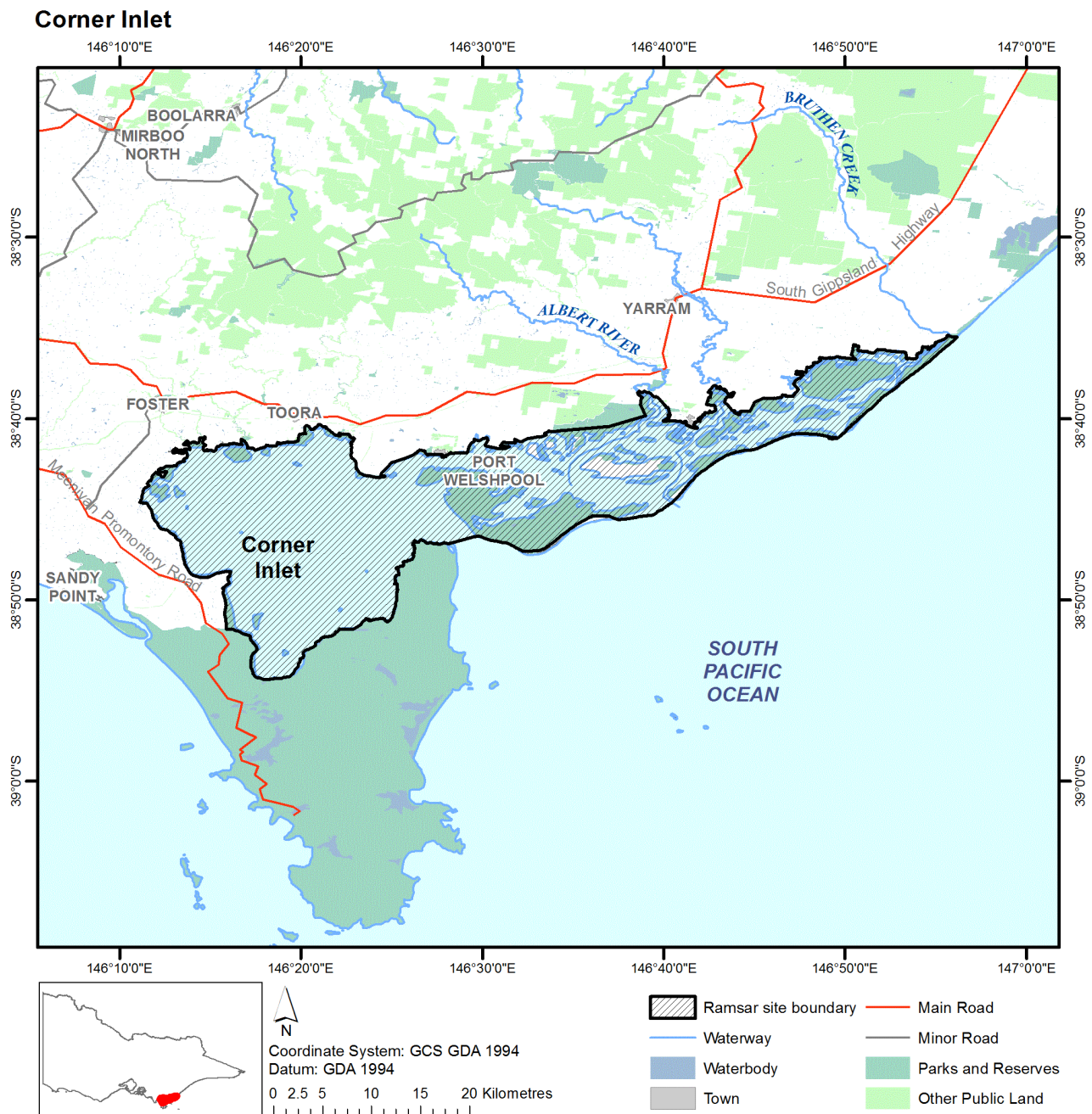


Figure 1: Map of the Corner Inlet Ramsar Site.

Written description of the Corner Inlet Ramsar Site boundary

The Corner Inlet Ramsar site consists of all of the Corner Inlet Marine and Coastal Park (Reserve 3394) gazetted on 18 April 1986 which consists of:

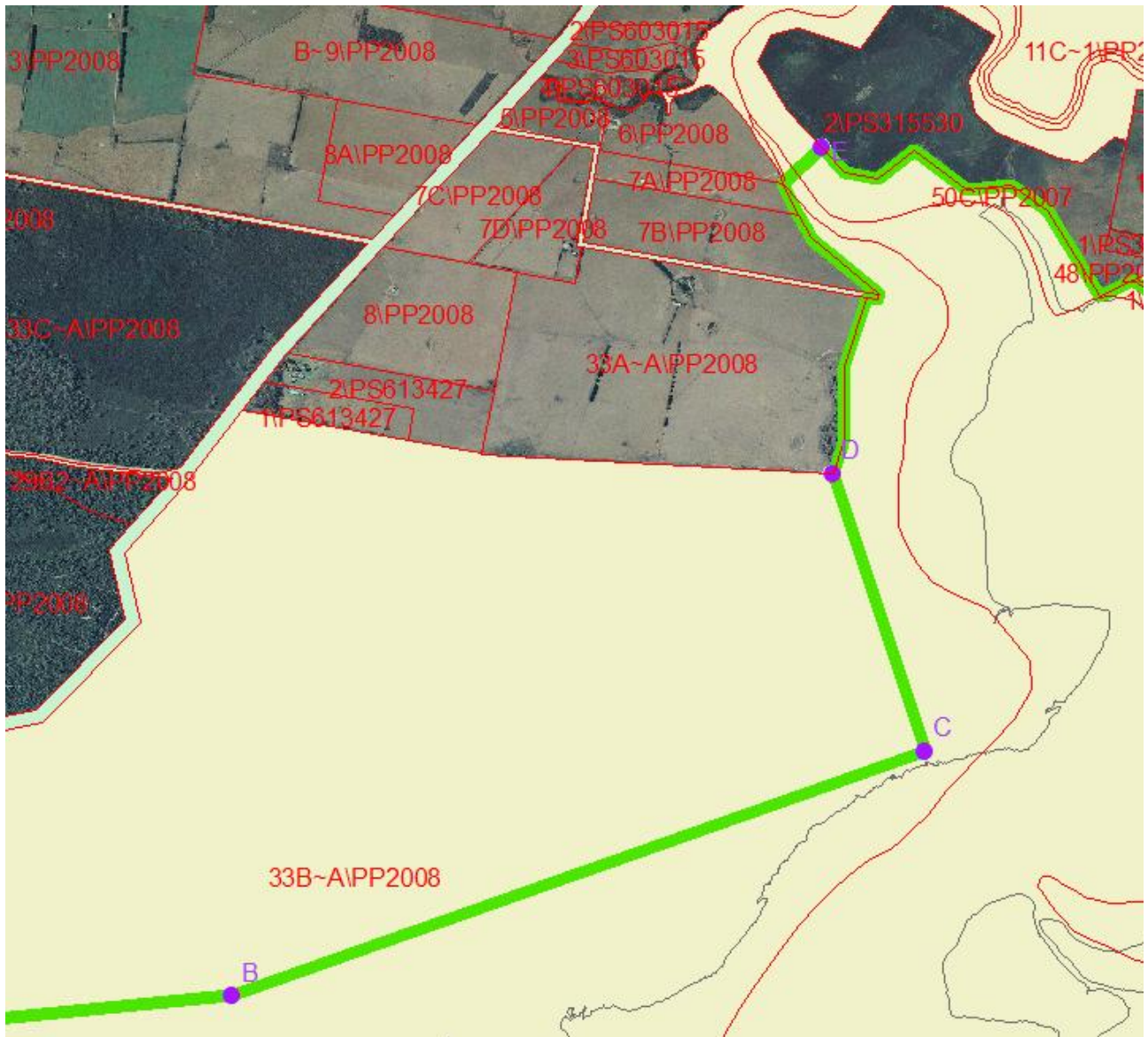
- Crown land parcel 22C~B on parish plan 3863;
- Crown parcels 3H~C, 19A~E, 19~E, 23C~A, 32A, 45D~C, 139B, 2001, 2002 on parish plan 3630;
- the government road bounded by Crown parcels 22C~B on parish plan 3863 and 3H~C, 139A and 139B on parish plan 3630;
- Crown parcels 13~5 on parish plan 5650;
- Crown parcel 25A on parish plan 3945; and
- Crown parcel 2001 on parish plan 3758;

and all of the Corner Inlet Marine National Park (Reserve 4304) gazetted on 16 November 2002 which consists of Crown parcels 2001, 2003 and 2022 on parish plan 3863.

The site also includes the following parts of the Nooramunga Marine and Coastal Park (Reserve 3395) gazetted on 18 April 1986:

- Crown land parcels 1, 2 and 3 on parish plan 3492;
- Crown land parcel 34A on parish plan 3790;
- the area of Crown land parcel 33B~A on parish plan 2008 south and west of the truncation line from the southwest corner of the road reserve closest to coordinate 38° 40' 42.312" S, 146° 33' 53.145" E (point A) to the point closest to coordinate 38° 40' 25.309" S, 146° 37' 0.825" E (point B) through the point closest to coordinate 38° 39' 50.585" S, 146° 38' 59.726" E (point C) and the point closest to coordinate 38° 39' 13.315" S, 146° 38' 43.047" E (point D) which is located at the southeast corner of parcel 33A~A on parish plan 2008;





- the area of Crown land parcel 50C on parish plan 2007 south of the truncation line in the vicinity of the Albert River between the southeast corner of parcel 6 on parish plan 2008 and the point on the boundary of lot 2 on plan of subdivision 315530 closest to coordinate 38° 38' 29.122" S, 146° 38' 40.052" E (point E);



- the area of Crown land parcel 6A on parish plan 3511, in the vicinity of the Albert River, south of the truncation line between the southeast corner of parcel 6 on parish plan 2008 and the point on the boundary of lot 2 on plan of subdivision 315530 closest to coordinate 38° 38' 29.122" S, 146° 38' 40.052" E (point E) and, in the vicinity of the Tarra River, south of the truncation line from the northeast corner of parcel 86A on parish plan 2007 closest to coordinate 38° 38' 11.62" S, 146° 42' 51.91" E (point K) to the northwest corner of parcel 1~9 on parish plan 5767.;



- Crown land parcels 3A on parish plan 3511;
- Crown land parcels 140A1, 140C1, 140A and 127B on parish plan 2007;
- Crown land parcels 82, 83, 84A, 86 and 86A on parish plan 2007;
- Crown land parcel 4A~9 on parish plan 5767;
- the area of Crown land parcels 4C~9 and 4B~9 on parish plan 2007 south of the truncation line from the northeast corner of parcel 86A on parish plan 2007 closest to coordinate 38° 38' 11.616" S, 146° 42' 51.906" E (point K) to the northwest corner of parcel 1~9 on parish plan 5767 (Tarra River)
- Crown land parcels 2001, 48A, 48, 9F, 9C, 9G, 2004, 20G and 20H on parish plan 3557;
- Crown land parcels 2~B, 2001, 2002, 2003, 2004, 2006, 5A, on parish plan 3467
- Crown land parcels 52D, 52E, 52F, 53B, 53C, 2001, 2003, 2004 and 2005 on parish plan 2050;
- The area of Crown land parcel 52C on parish plan 2050 north of the eastern prolongation of the shared boundary of parcel 2 on plan of subdivision 614917 and the government road east of McGloughlins Beach;

The site also includes:

- the area east of the Corner Inlet Marine and Coastal Park and west of the Nooramunga Marine and Coastal Park defined by:
 - Crown parcels 44B~C, 44B~A, 45E~C, 45F~C and 2003 on parish plan 3630;
 - Crown parcels 44B~A on parish plan 3790;
 - the part of 45B~C on parish plan 3630 north, west and south of an area defined by a line from the point on the eastern boundary of the parcel nearest to $38^{\circ} 42' 30.105''$ S, $146^{\circ} 23' 3.170''$ E (Point N) running directly to the west to the point nearest to $38^{\circ} 42' 30.123''$ S, $146^{\circ} 23' 1.722''$ E (Point O) and then south to a point nearest to $38^{\circ} 42' 44.095''$ S, $146^{\circ} 23' 2.420''$ E (Point P) and then east to a point on the eastern boundary of the parcel nearest to $38^{\circ} 42' 44.078''$ S, $146^{\circ} 23' 3.948''$ E (Point Q);





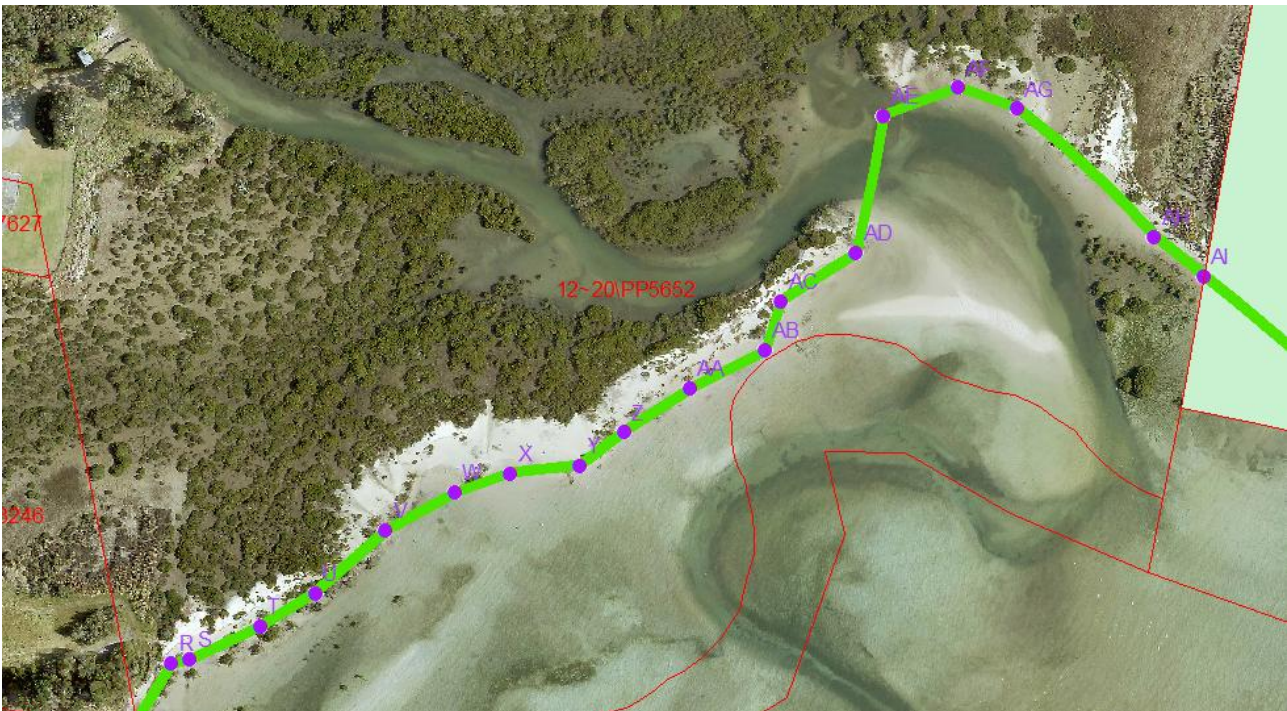
- 22D~B on parish plan 3863;
- 35H~B on parish plan 3790
- 1E, 1G, 13~20 and 49 on parish plan 5652;
- the area of the government road south of a truncation line between the northeast corner of parcel 1G on parish plan 5652 and the point on the eastern boundary of parcel 12~20 on parish plan 5652 nearest to $38^{\circ} 42' 0.891''$ S, $146^{\circ} 28' 3.750''$ E (Point L);
- the area of Crown parcel 12~20 on parish plan 5652 south of a truncation line between the point on the eastern boundary of parcel 12~20 on parish plan 5652 nearest to $38^{\circ} 42' 0.891''$ S, $146^{\circ} 28' 3.750''$ E (Point L) and a point on the boundary of the southern boundary of lot 1 on town plan 877207 nearest to $38^{\circ} 42' 0.607''$ S, $146^{\circ} 28' 4.290''$ E (Point M);



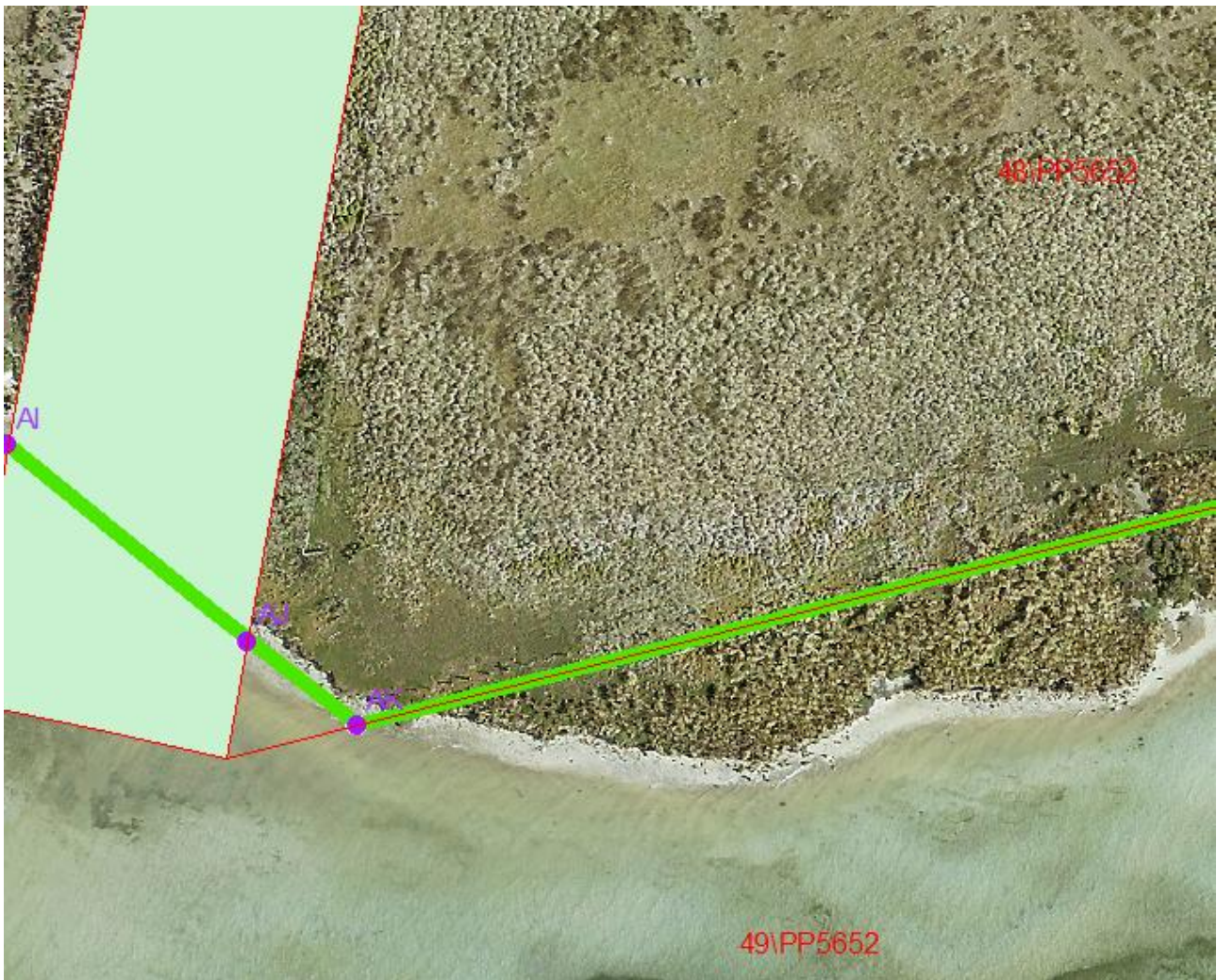
- the area of Crown parcel 12~20 on parish plan 5652 south of a truncation line between the southeast corner of parcel 1 on town plan 683246 to a point nearest to $38^{\circ} 41' 57.422''$ S, $146^{\circ} 28' 7.996''$ E (Point R) and then through the following series of points to a

point on the western boundary of the government road nearest to 38° 41' 53.926" S, 146° 28' 19.367" E (Point AI):

- 38° 41' 57.386" S, 146° 28' 8.194" E (Point S);
- 38° 41' 57.088" S, 146° 28' 8.966" E (Point T);
- 38° 41' 56.796" S, 146° 28' 9.575" E (Point U);
- 38° 41' 56.241" S, 146° 28' 10.344" E (Point V);
- 38° 41' 55.897" S, 146° 28' 11.108" E (Point W);
- 38° 41' 55.729" S, 146° 28' 11.720" E (Point X);
- 38° 41' 55.655" S, 146° 28' 12.481" E (Point Y);
- 38° 41' 55.354" S, 146° 28' 12.973" E (Point Z);
- 38° 41' 54.967" S, 146° 28' 13.695" E (Point AA);
- 38° 41' 54.626" S, 146° 28' 14.515" E (Point AB);
- 38° 41' 54.202" S, 146° 28' 14.691" E (Point AC);
- 38° 41' 53.771" S, 146° 28' 15.505" E (Point AD);
- 38° 41' 52.579" S, 146° 28' 15.792" E (Point AE);
- 38° 41' 52.325" S, 146° 28' 16.611" E (Point AF);
- 38° 41' 52.496" S, 146° 28' 17.275" E (Point AG); and
- 38° 41' 53.592" S, 146° 28' 18.809" E (Point AH);



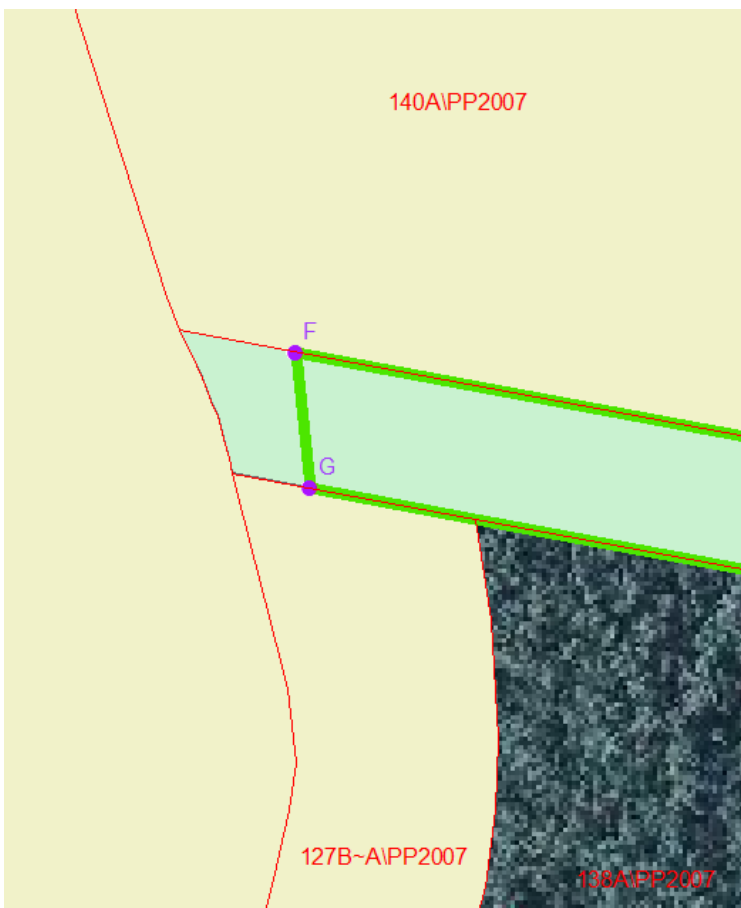
- the part of the government road south of a truncation line from a point on the western boundary of the government road nearest to 38° 41' 53.926" S, 146° 28' 19.367" E (Point AI) to a point on the eastern boundary of the government road nearest to 38° 41' 54.782" S, 146° 28' 20.746" E (Point AJ);



- the part of Crown parcel 48 on parish plan 5652 south of a truncation line from a point on the eastern boundary of the government road nearest to 38° 41' 54.782" S, 146° 28' 20.746" E (Point AJ) to a point on the southern boundary of Crown parcel 48 on parish plan 5652 nearest 38° 41' 55.151" S, 146° 28' 21.377" E (Point AK);
- all of Sunday Island including lot 1 on town plan 659197 and allotments 1, 1A, 1B, 2, 2001, 3 and 6 on parish plan 3511;
- all of Dog Island including parcel 10~A on parish plan 2008;
- all of Little Dog Island including parcel 11~A on parish plan 2008;
- all of Bullock Island including parcel 36~A on parish plan 2008;
- parcels 1~B, on parish plan 3467;
- the areas of the two government roads south of the truncation line from the southwest corner of the road reserve closest to coordinate 38° 40' 42.312" S, 146° 33' 53.145" E (point A) to the point closest to coordinate 38° 40' 25.309" S, 146° 37' 0.825" E (point B);



- the area of government road north of parcel 140A1 on parish plan 2007 that is west of the prolongation of the western boundary of parcel 38 on parish plan 2007;
- The area of government road south of parcel 140A on parish plan 2007 that is west of the truncation line between the point on the southern boundary of parcel 140A on parish plan 2007 nearest to coordinate 38° 39' 46.319" S, 146° 40' 14.558" E (point F) and the point on the northern boundary of parcel 127B~A on parish plan 2007 closest to coordinate 38° 39' 47.337" S, 146° 40' 14.718" E (point G);

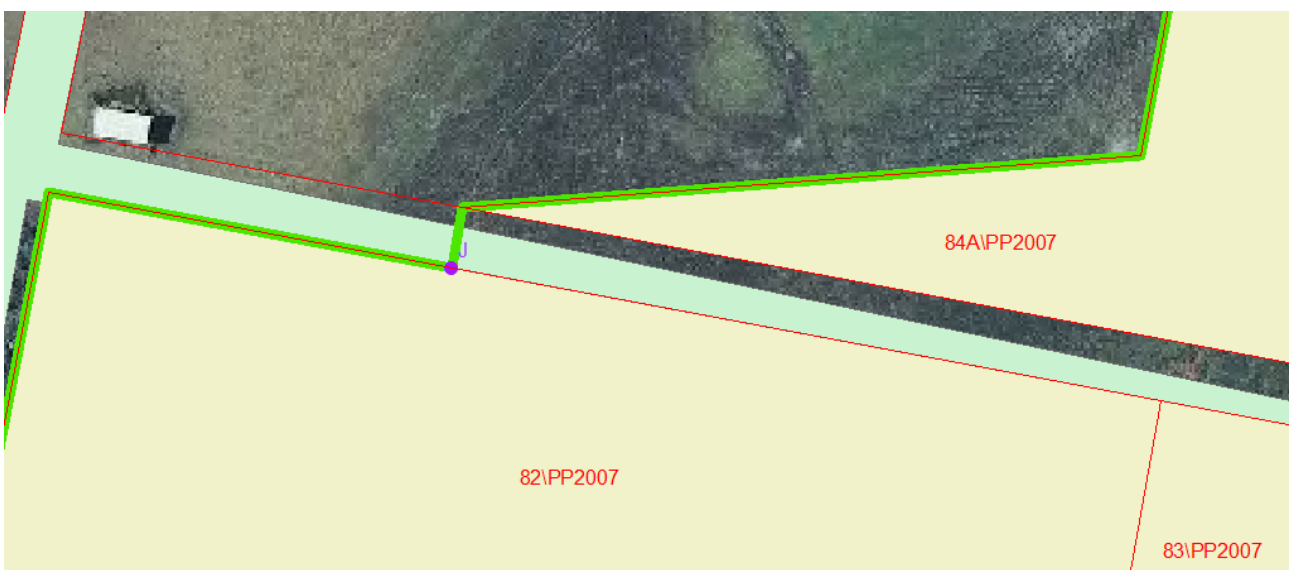


- Crown land parcels 4~A, 127A and 138A on parish plan 2007;
- Crown land parcel 4A~A on parish plan 2007 near Port Albert, but excluding land above the Mean High Water Mark (MHW) at the end of Wharf Street beginning at the intersection of the northwest boundary of parcel 4A~A on parish plan 2007 and the MHW nearest coordinate 38° 38' 40' 30.615" S, 146° 41' 47.546" E (Point H), continuing along the MHW in an easterly, then

northerly, then westerly direction to where the MHWL re-intersects the parcel boundary closest to coordinate 38° 40' 29.076" S, 146° 41' 49.398" E (point I);

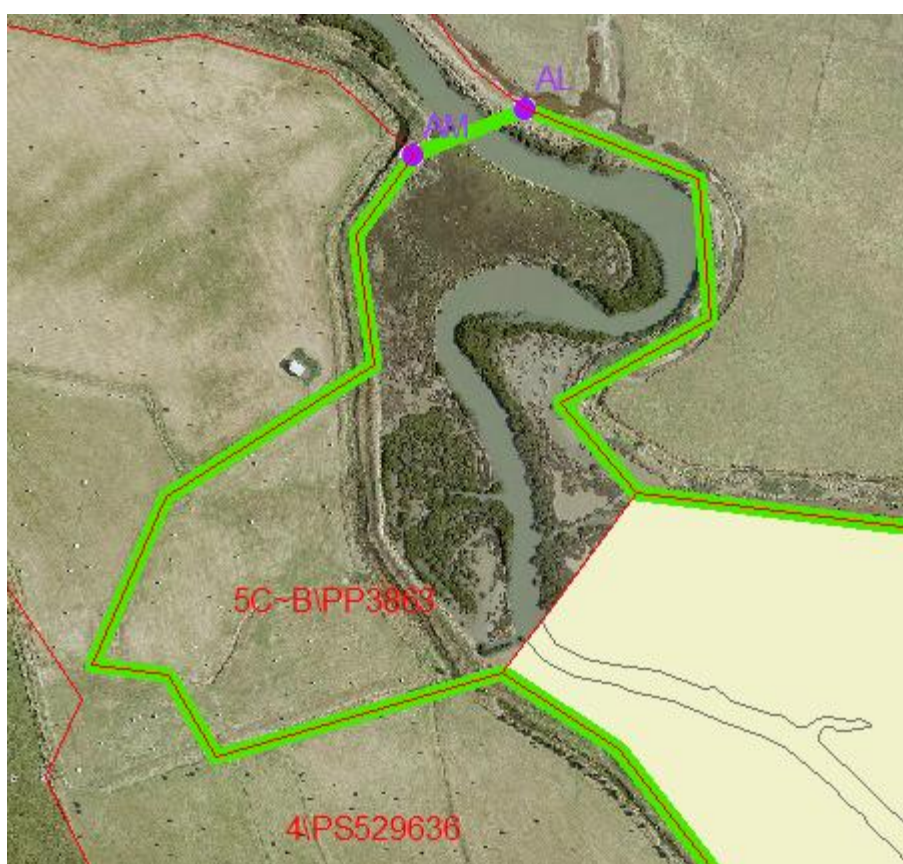


- the area of government road adjacent to parcel 14~18 on parish plan 5646 that is south of the prolongation of the northeast boundary and east of the prolongation of the northwest boundary of parcel 14~18 on parish plan 5646; and
- the area of government road south of parcel 84A on parish plan 2007 that is east of the truncation line joining the point on the northern boundary of parcel 82 on parish plan 2007 nearest to coordinate 38° 39' 40.944" S, 146° 42' 21.736" E (point J) to the western corner of parcel 84A on parish plan 2007.



- parcel 1~8 on parish plan 5767;

- parcels 2002 and 2003 on parish plan 3557;
- the area of government road east of the southern prolongation of the western boundary of Crown land parcel 20H on parish plan 3557;
- Crown land parcels 12~1 and 14~18 on parish plan 5646;
- Crown land parcel 32 on parish plan 3630;
- The area of the government road west of the southern prolongation of the eastern boundary of Crown land parcel 32 on parish plan 3630 and east of the southern prolongation of the western boundary of Crown land parcel 32 on parish plan 3630;
- Crown parcels 8P~A and 8N~A on parish plan 3863; and
- the area of Crown parcel 5C~B on parish plan 3863 south of a truncation line from a point on the eastern boundary of the parcel nearest to the point $38^{\circ} 41' 13.714''$ S, $146^{\circ} 13' 42.860''$ E (point AL) to a point on the western boundary of the parcel nearest to the point $38^{\circ} 41' 14.750''$ S, $146^{\circ} 13' 39.830''$ E (point AM).



Coordinates used to define the Corner Inlet Ramsar Site boundary.

Point	Latitude	Longitude
A	$38^{\circ} 40' 42.312''$ S	$146^{\circ} 33' 53.145''$ E
B	$38^{\circ} 40' 25.309''$ S	$146^{\circ} 37' 0.825''$ E
C	$38^{\circ} 39' 50.585''$ S	$146^{\circ} 38' 59.726''$ E
D	$38^{\circ} 39' 13.315''$ S	$146^{\circ} 38' 43.047''$ E
E	$38^{\circ} 38' 29.122''$ S	$146^{\circ} 38' 40.052''$ E
F	$38^{\circ} 39' 46.319''$ S	$146^{\circ} 40' 14.558''$ E
G	$38^{\circ} 39' 47.337''$ S	$146^{\circ} 40' 14.718''$ E
H	$38^{\circ} 40' 30.615''$ S	$146^{\circ} 41' 47.546''$ E

Point	Latitude	Longitude
I	38° 40' 29.076" S	146° 41' 49.398" E
J	38° 39' 40.944" S	146° 42' 21.736" E
K	38° 38' 11.616" S	146° 42' 51.906" E
L	38° 42' 0.891" S	146° 28' 3.750" E
M	38° 42' 0.607" S	146° 28' 4.290" E
N	38° 42' 30.105" S	146° 23' 3.170" E
O	38° 42' 30.123" S	146° 23' 1.722" E
P	38° 42' 44.095" S	146° 23' 2.420" E
Q	38° 42' 44.078" S	146° 23' 3.948" E
R	38° 41' 57.422" S	146° 28' 7.996" E
S	38° 41' 57.386" S	146° 28' 8.194" E
T	38° 41' 57.088" S	146° 28' 8.966" E
U	38° 41' 56.796" S	146° 28' 9.575" E
V	38° 41' 56.241" S	146° 28' 10.344" E
W	38° 41' 55.897" S	146° 28' 11.108" E
X	38° 41' 55.729" S	146° 28' 11.720" E
Y	38° 41' 55.655" S	146° 28' 12.481" E
Z	38° 41' 55.354" S	146° 28' 12.973" E
AA	38° 41' 54.967" S	146° 28' 13.695" E
AB	38° 41' 54.626" S	146° 28' 14.515" E
AC	38° 41' 54.202" S	146° 28' 14.691" E
AD	38° 41' 53.771" S	146° 28' 15.505" E
AE	38° 41' 52.579" S	146° 28' 15.792" E
AF	38° 41' 52.325" S	146° 28' 16.611" E
AG	38° 41' 52.496" S	146° 28' 17.275" E
AH	38° 41' 53.592" S	146° 28' 18.809" E
AI	38° 41' 53.926" S	146° 28' 19.367" E
AJ	38° 41' 54.782" S	146° 28' 20.746" E
AK	38° 41' 55.151" S	146° 28' 21.377" E
AL	38° 41' 13.714" S	146° 13' 42.860" E
AM	38° 41' 14.750" S	146° 13' 39.830" E

Corner Inlet Ramsar Site Area in Hectares.

Name of site or subunit	Equal Albers Area (Ha)
Corner Inlet	67,071.5

References

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