

Agenda Report for Decision

Meeting Date: 16 December 2021

Item Name	Update to the Spatial Information Standard
Presenters	Brett Steiner and Mike Burdett
Purpose of Report	Decision
Item Number	4.2
Confidential Item	Not Confidential (Release Immediately)
Related Decisions	SPC Meeting 25 February – Agenda item 3.1 Planning and Design Code Amendment for Phase Three (Urban Areas) Engagement Report and Finalisation

Recommendation

It is recommended that the State Planning Commission (the Commission) resolves to:

1. Approve the Spatial Information Standard (the Standard) at **Attachment 1** under section 51(1) of the *Planning, Development and Infrastructure Act 2016* (the Act).
2. Authorise the Chair of the Commission to approve any minor or editorial changes to the Standard in order to finalise the Standard for certification by the Chief Executive of the Attorney-General's Department (the Department) and publication on the PlanSA Website (SA Planning Portal).
3. Delegate to the Surveyor-General the power under section 51(1) of the Act to prepare and publish standards and specifications, but limited to amendments to the Spatial Information Standard which are considered by the delegate as minor or operational in nature.
4. Note that a formal instrument of delegation will be prepared to reflect the above delegation (and limitation) to the Surveyor-General, as part of the next review and update of the Commission's delegations under the Act.

Background

Under section 51(1) of the Act, the Commission may prepare and publish standards and specifications that are to apply to, or in relation to, the SA Planning Portal, the SA Planning Database, or the online atlas and search facility under the Act.

The Commission had established their Standard pursuant to section 51(1) of the Act, dated 31 July 2020. The Standard was intended to clearly articulate the key stages in managing the development and approval of the data included in the spatial component of a Code Amendment.

The current version of the Standard was published by the Commission on 2 March 2021 (**Attachment 2**). This included amendments to update the technical referencing of spatial layers as part of the finalisation of the wider Planning and Design Code (the Code) Amendment for Phase Three (Urban Areas).

Discussion

In accordance with the current Standard (dated 2 March 2021), the Surveyor-General will review the versions of each spatial layer contained in a proposed Code Amendment for accuracy. A certificate will then be signed by the Surveyor-General once the mapping has been uploaded to the Spatial Geodatabase (this is to be kept securely within the State Government's secure network StateNet) and verified for accuracy.

The provision and endorsement of this certificate is not a requirement of the Code Amendment process as described in section 73 of the Act, but rather a requirement of the Standard established by the Commission. It is an internal process between the Commission, the Minister for Planning and Local Government (the Minister) and the Department that is intended to provide assurance to the Minister of the quality control processes that have been followed in the development of the spatial layers as part of a proposed Code Amendment. In accordance with the Standard, final versions of spatial layers adopted by any Code Amendment under the Act are to be made available in a read-only view to the public on the SA Planning Portal.

Since the implementation of the Phase Three (Urban Areas) Code Amendment (19 March 2021 – Version 2021.2), there has been 14 additional consolidated versions of the Code. Each time a new version of the Code has been implemented, these have been certified as accurate by the Surveyor-General (or delegate) as required by the Standard.

As part of ongoing reviews to ensure efficient processes, and to improve business procedures for implementation of Code Amendments, it has been identified that the Standard would benefit from further refinement.

The proposed update to the Standard (as shown in mark-up in **Attachment 1**) will provide a more standardised approach when amending spatial layers, which, in turn, will allow for more easily identifiable layers in the Spatial Geodatabase. The benefit of this is that it will assist in any future recovery of specific amendment layers should this be required.

The intent of the current Standard will remain. The proposed amendments to the Standard relate to the naming convention of the spatial database, clarifying that the Minister or Delegate may either approve a paper-based (or PDF) version or a spatial database, and that the Surveyor-General is certifying the accuracy of the amendment in the spatial database.

Next steps

Following approval of the updated Standard by the Commission, the Department will arrange for certification of the Standard by the Chief Executive of the Department, as required under section 52 of the Act. The Department will then arrange for publication of the updated Standard on the SA Planning Portal.

Attachments:

1. Proposed State Planning Commission Spatial Information Standard – Version 3 (#15628275).
2. Current State Planning Commission Spatial Information Standard – Version 2, 2 March 2021 (#18108866).

Prepared by: Leif Burdon and Daniel Clapp

Endorsed by: Brett Steiner and Mike Burdett

Date: 6 December 2021



Spatial information standard pursuant to Section 51 of the *Planning, Development and Infrastructure Act 2016*

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The following standard is issued by the State Planning Commission under Section 51 of the *Planning, Development and Infrastructure Act 2016* ("the Act") in relation to the identification and control of spatial information contained in the *SA planning database* established under the Act.

1. Identification of map data

1.1 The SA planning database will permit identification of the spatial layers (namely zones, subzones and overlays) defined by the version of the Planning and Design Code ("the Code") in force on any particular day by the use of the following naming convention.

1.2 Each spatial layer in the Code is to be given a unique name. Each time an amendment is proposed to the Code a new version of the spatial database will be created with a unique name. The database name is a combination of the:

~~1.2.1~~ ~~1.2.1~~ ~~Code amendment~~ Spatial database name, being **P&D Code Spatial Database – V ****.**(year.version number in that year)**

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1.2.2 Date/Year (YYYYMMDD) – being the date of authorisation of the version.

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1.3 ~~All~~ The spatial layers are contained within a geodatabase, the name of which will be used to identify the version.

~~1.4~~ ~~All amendments to the Code are incorporated in a version of the SA planning database that is identified in the relevant documentation with the name of the Code amendment and the specific job identification number. Any Section 73 code amendment to be incorporated in a version of the database is to be identified in the relevant documentation with the code amendment name and its specific job ID.~~

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2. Versioning/version control numbering

2.1 The Commission will ensure that a secure Code Amendment Register is maintained to record details of each proposed Code amendment and its progress.

2.2 When amendments to a zone, subzone or overlay are proposed as part of the Code amendment process, a record will be created in the Code Amendment Register.

2.3 Each version of the spatial database is to be kept securely within the State Government's secure network StateNet.

2.4 Each version of the spatial database may only be edited by authorised personnel and is to be date stamped specifically to the version.

2.5 Records are to be kept of all persons who have made changes to a spatial layer and the date and time when those changes were created and finalised, in order to create a reliable audit trail.

3. Issue of Spatial Certificate

3.1 -Where a code amendment is of a localised nature it may be presented to the Minister or Delegate in a paper based (or .PDF) version. Once approved by the Minister or Delegate, the amendment will be replicated in the Spatial Database for publication in the next version of the South Australian Property and Planning Atlas (SAPPA). In this release version, the Surveyor-General shall certify that the amendment as approved by the Minister is accurately identified in the Spatial Database.

3.2 -Where a code amendment is to be presented to the Minister or Delegate ahead of incorporation into the full spatial database identified as the User Acceptance Test (UAT) environment, a Spatial Database which identifies the amendments will be prepared and archived in accordance with sections 1 and 2 of this standard.

Once approved by the Minister or Delegate, the amendment will be replicated in the Spatial Database for publication in the next version of the South Australian Property and Planning Atlas (SAPPA). In this release version the Surveyor-General shall certify that the amendment as approved by the Minister is accurately identified in the Spatial Database.

3.3 -Where a code amendment is to be presented to the Minister or Delegate following incorporation of the amendment into the full Spatial Database identified as the User Acceptance Test (UAT) environment, the Surveyor-General shall certify the accuracy of that amendment.

3.4 -When the Surveyor-General certifies the accuracy of the spatial database he or she must ensure compliance with this standard.

3.5 The Surveyor-General may appoint a delegate for the purpose of this section.

4. Publication of Versions

4.1 Final versions of spatial layers adopted by any Code amendment under the Act are to be made available in a read only view to the public on the SA planning portal.

Issued by the State Planning Commission on ~~2 March 2021~~ [16 December 2021](#)

#15628275v8

Spatial information standard pursuant to Section 51 of the *Planning Development and Infrastructure Act 2016*

The following standard is issued by the State Planning Commission under Section 51 of the *Planning, Development and Infrastructure Act 2016* (“the Act”) in relation to the identification and control of spatial information contained in the *SA planning database* established under the Act.

1. Identification of map data

- 1.1 The SA planning database will permit identification of the spatial layers (namely zones, subzones and overlays) defined by the version of the Planning and Design Code (“the Code”) in force on any particular day by the use of the following naming convention.
- 1.2 Each spatial layer in the Code is to be given a unique name. Each time an amendment is proposed to the Code a new version of the spatial database will be created with a unique name. The database name is a combination of the:
 - 1.2.1 Code amendment name
 - 1.2.2 Date/Year (YYYYMMDD).
- 1.3 The spatial layers are contained within a geodatabase, the name of which will be used to identify the version.

2. Versioning/version control numbering

- 2.1 The Commission will ensure that a secure Code Amendment Register is maintained to record details of each proposed Code amendment and its progress.
- 2.2 When amendments to a zone, subzone or overlay are proposed as part of the Code amendment process, a record will be created in the Code Amendment Register.
- 2.3 Each version of the spatial database is to be kept securely within the State Government’s secure network StateNet.
- 2.4 Each version of the spatial database may only be edited by authorised personnel and is to be date stamped specifically to the version.
- 2.5 Records are to be kept of all persons who have made changes to a spatial layer and the date and time when those changes were created and finalised, in order to create a reliable audit trail.

2.6 Prior to submitting any version of spatial layer to the Minister for approval as a Code amendment, the version should be:

2.6.1 checked for compliance with this Standard

2.6.2 certified as accurate by the Surveyor-General or his or her delegate.

2.7 Final versions of spatial layers adopted by any Code amendment under the Act are to be made available in a read only view to the public on the SA planning portal.

Issued by the State Planning Commission on 2 March 2021