**SPEAR**

Surveying and Planning through Electronic
Applications and Referrals

ePlan Release Notes – 20 June 2023

**ePlan Portal UI v 2.0.0**

Applicant Contact:

* Supported Datum Point data entry by:
	+ Displaying ‘Boundary’ and ‘Centre’ points in addition to ‘Control’, ‘Traverse’ and ‘Reference’ points in Points tab (by default, only ‘Control’, ‘Traverse’ and ‘Reference’ points are displayed)
	+ Adding a new field called ‘Datum Point’ in Points tab (the allowed value is one single character, e.g., A, B, C)
* Extended the functionality for monument data entry to ‘Boundary’ and ‘Centre’ points in the Points tab
* Swapped VET and Plan Visualisation buttons in the toolbar to better represent the ePlan creation workflow

Applicant Contact / Land Use Victoria:

* Added functionality to measure bearing and distance between two points based on existing observations in the ePlan file (using the shortest path method)
* Supported the display of datum point, survey control mark and monument information labels using different colours in the Data Viewer
* Added functionality to remove ePlan from Data Viewer (not from Dashboard)
* Added functionality to configure Dashboard columns and save the configurations, similar to existing functionality in the SPEAR Application List
* Enhanced the Dashboard’s export functionality to only export the visible columns (in addition to some other default columns e.g., ePlan ID and ePlan Version ID)
* Appended Plan Number and ePlan file name to ePlan elements displayed in ‘ePlan Features Identification’ screen

Land Use Victoria:

* Added functionality to recalculate coordinates based on raw measurements using a system-selected or user-selected starting point and applying a swing value if needed, once an ePlan is being imported into the Data Viewer
* Added functionality to search for back captured plans based on Plan Number in the Digital Cadastre database
* Added functionality to create a local cadastral fabric by:
	+ Importing back captured plans retrieved from the Digital Cadastre database
	+ Allowing automatic / manual selection of starting point for each plan, for recalculation of coordinates based on raw measurements
	+ Supporting rotation of a plan by entering a swing value (in +/- ddd°mmʹssʺ) to align the plan onto the same datum as the other plan
	+ Connecting plans using common points (a list of common PMs and PCMs is provided by the system)
* Added functionality to compare the bearing and distance between two points which are common in two or more ePlans already imported into the Data Viewer
	+ Table indicating Plan Numbers, start/end points, bearing, and distance is displayed on the screen and can be exported to a CSV file
	+ Comparison results are displayed on the screen and can be copied to clipboard
* Added functionality to remove all imported ePlans together from the Data Viewer
* Supported switching between multiple ePlans in the Data Viewer to activate an ePlan for processing

**SCFF Conversion Service v 1.0.8**

* Stopped mapping the PM/PCM name to point description attribute, as this attribute is now reserved for ‘Datum Point’

**ePlan Validation Service v 6.0.5**

* Fixed the communication issue with VOTS (impacting validation rules VR024-Existing Parcels in VOTS, VR041-Title Reference in VOTS, and VR0108-NICO Plans)