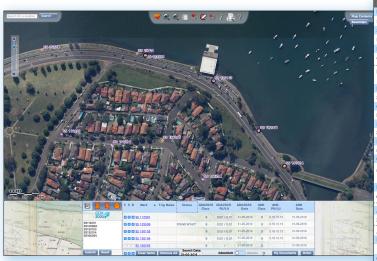


# SCIMS Online GDA2020 upgrade, July 2019



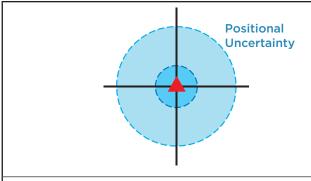
SURVEY MARK								
Mark	Name	Alias						
SS 129599		REPLACES SSM25424						
Status	Date	Comments						
FOUND INTACT	22-MAR-2005	X BUT MARK NUMBERED SS129599						
Location	Monument			Date Placed	ed Placed By			
GROUND LEVEL	SURVEY PLAQUE IN CONC			12-JUL-2001	A SURVEY	A SURVEYOR		
MGA2020/GDA2020	Horizontal coordi	nates are adju	sted (or ir	nitialised) in GDA2	020			
MGA2020 Easting	MGA2020 Northing	Zone	GDA20	DA2020 Latitude GDA202		GDA2020 L	020 Longitude	
328574.220	6250725.436	56	-33° 52' 11.58014"			151° 08' 47.90095"		
Class	Positional Uncertainty		Local Uncertainty			GDA2020 Updated		
В	0.02		0.01		31-MAY-20		)	
Source	Type	Method		Date issued	Issued	Ву		
300005	ADJUSTMENT	DYNADJUST		15-JAN-2019	NIC GOWANS			
Previous Reference		Location					File Number	
n/a	n/a						n/a	
Comments								
n/a								
MGA2020 Combined Scale Factor			MGA2020 Convergence					
0.999958	-1° 01′ 59.33″							
AusGeoid2020(N)								
22.630								
AHD71								
Height								
1.641	B							
	Positional Uncertainty		certainty					
В	0.16	0.13		31-MAY-20		_		
Source	Туре	Method		Date issued		Issued By NIC GOWANS		
300006	DERIVED	DYNADJUS	ST	15-JAN-2019	NIC GO	WANS		

# Additional and Improved Features

	Current	Additional			
Datum	GDA94	GDA2020			
Quality	Class Order	Class Local Uncertainty Positional Uncertainty			
Height	AHD71	AHD71 Ellipsoidal Height			

#### Map Legend SCIMS Mark types (Colour codes refer to the assigned accuracy "Class") Mark Status\* CP F Found Intact SS PM TS CR MM GB N Not Found Established GDA2020 + Accurate AHD71 D Destroyed ŏ $\Lambda$ Established GDA2020 Only S Subsidence Area ŏ U Uncertain $\triangle$ Accurate AHD71 Only Ö R Restricted Acces Δ Accurate AHD71 + Approx. GDA2020 Ö $\triangle$ Approx. GDA2020 Only the Mark Status is appended to the Established GDA coordinates are assigned accuracy class 3A, 2A, A, B, C or D Mark Number in Accurate AHD heights are assigned accuracy class L2A, LA, LB, LC, LD, 2A, A or B

## Uncertain about Uncertainties?



Positional Uncertainty (PU) describes the accuracy of a point with respect to the datum (e.g. GDA2020 or AHD)

Uncertainty
Uncertainty

Local Uncertainty (LU) describes the relative accuracy of a point derived from the survey connections to adjacent points

PU and LU are expressed for coordinates or height, in metres, at the 95% confidence level

### How will it affect me?

- CORSnet-NSW, AUSPOS & SCIMS all provide GDA2020 and GDA94 coordinates
- Coordinates will shift between 1.3 and 1.8m
- GDA94 is required on NSW survey plans until GDA2020 is legislated
- New SCIMS symbology and distinct GDA94/GDA2020 report colour schemes

### Schedule

01 July 2019: New SCIMS Online released01 Jan 2020: Proposed legislation amendment

making GDA2020 official datum for NSW. GDA2020 orientation and coordinates required on survey plans and LSPs. GDA94 by general

Relative

exemption policy.

**01 July 2020:** Certificate of Currency or exemption

required to submit plans in GDA94

