

GDA IMPLEMENTATION GUIDE

The following guide may assist developing a GDA Implementation Strategy Plan, particularly for GIS users. Procedures for migration to GDA are the same for both large and small organisations. Further information is available on the ICSM website at www.anzlic.org.au/icsm/gda/migrate.htm

Raise Awareness of GDA within your organisation.

- Appoint appropriate personnel to implement GDA planning within your organisation.
- Inform the personnel and departments within the organisation of issues regarding GDA.
- Information should be sought from all departments within the organisation as to the likely impact on their business operations.

Some issues to keep in mind when discussing GDA implementation are:

- Will GDA migration affect any legislation or regulations that the organisation must adhere to?
- GDA labelling and change of datum warnings on hardcopy products will be required. License information and instruction on the use of the GDA logo can be found at www.anzlic.org.au/icsm/gda/logo.htm
- History of any datasets within the organisation – Where did they come from, how were they produced and on what datum were they based?
- How will the organisation hold metadata against the GDA datasets?
- What consequences will the move to GDA have on our clients?
- Who is the custodian and who maintains particular datasets within the organisation?

Transformation tools and processes.

- How will the information be displayed on hardcopy products? – Options may be two grids (GDA and the source data datum), a grid of one datum with border ticks for another datum or just the GDA datum?
- Take an audit of what datasets may be affected.
- What software or GIS systems are incorporated within the organisation and can they accommodate the GDA datum?
- Are transformation tools available for the particular software or GIS systems being used and do they produce the same results as all the other system transformations? The Distortion Grid Transformation is strongly recommended.
- It may be a good time to carry out maintenance or upgrade digital directory and file structures?
- Are any special activities required to satisfy particular clients?

Draft a migration timetable for the conversion to GDA.

- Experiment with the timing of some basic dataset transformations.
- Be aware of your organisations' Quality Assurance System procedures and requirements.
- What are your data suppliers' GDA timetables?
- What are your clients' GDA timetables?
- Do any changes in legislation or regulations require documenting and will any changes impact on scheduling?

Develop a GDA Strategy Plan.

- Identify the personnel that have the responsibility for implementing GDA into your organisation.
- Collate the results of the organisations audit of datasets that are affected by GDA, both hardcopy and digital.
- Finalise the procedures and tools that will be used to transform your data and allow you to present your products in GDA.
- Legislation and regulation changes should be documented and modification to any procedures affected should be programmed.
- A timetable of GDA implementation from your providers of source data should be determined.
- Procedures for accommodating and operating with dual coordinate systems during the transition phase should be formed.
- A timetable of events should be created and documented.

Publicise your GDA Implementation Strategy Plan.

- It is essential that all stakeholders are informed and that they understand your intentions and objectives.
- Develop a plan to do this.