|  |  |  |  |
| --- | --- | --- | --- |
| **Coordinate System** | **szDatum:** | **szProjection:** | **EPSG code:** |
| Map Grid of Australia – zone 55 | GDA94 | MGA55 | 28355 |
| Map Grid of Australia – zone 54 | GDA94 | MGA54 | 28354 |
| Vicgrid94 | GDA94 | VICGRID94 | 102171 |
| Geographics | GDA94 | GEODETIC | 4283 |



Information Services Division (DEPI) produced this document, 2013. Refer to back for contact details.

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## Example

An example of entering the key words using ERM’s ECW header editor is provided below:



By default the registration details showing the coordinate or registration point for the top left pixel and the cell size for the image should be completed. If not the header editor tool can be used to manually enter this detail.

## Introduction

ECW and JP2 (JPEG 2000) format imagery contains coordinate information within the actual file. For Earth Resource Mapping’s (ERM) Image Web Server to recognise the coordinate information contained within these files, specific key words are required.

## Entering Key Words

There are two main ways of entering the required keywords into the ecw and jp2 files. The first is upon the creation of the files within ER Mapper an image processing package. The second is via ERM’s ECW Header Editor tool. This tool can be down loaded from ERM’s web site at

<http://www.ermapper.com/downloads/>.

This tool is especially useful when the ecw file is created outside ER Mapper. At the moment this tool can only edit ECW files, in the future it will also support jp2.

## Key Words

The key words to use when entering the coordinate information into the *ecw* or *jp2* image files for the common datums and projections are:

#### Sheet 2.0e

#### July 2013

##### Image Web Server

#### Defining ECW & JP2 Coordinate Systems



## Image Web Server Contact Details

The Information Services Division (DEPI) is managing the IWS. Please address any feedback or queries to GIS.Helpdesk@depi.vic.gov.au