

# Image Web Server

## Defining ECW & JP2 Coordinate Systems

Sheet 2.0e  
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### 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.

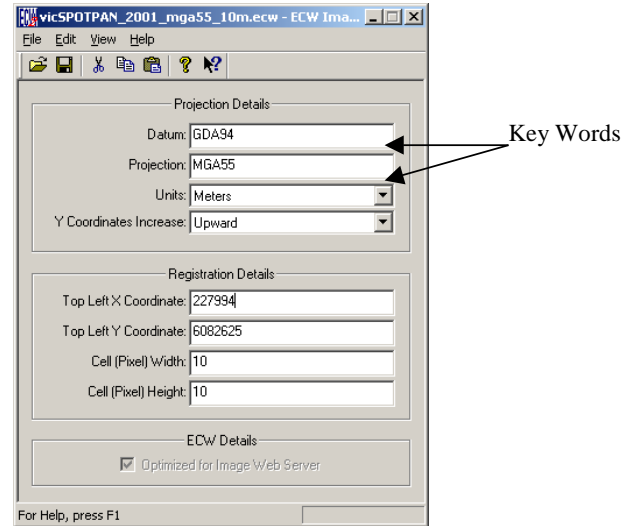
### Key Words

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

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	GEODETTIC	4283

### 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.

### 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](mailto:GIS.Helpdesk@depi.vic.gov.au)



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