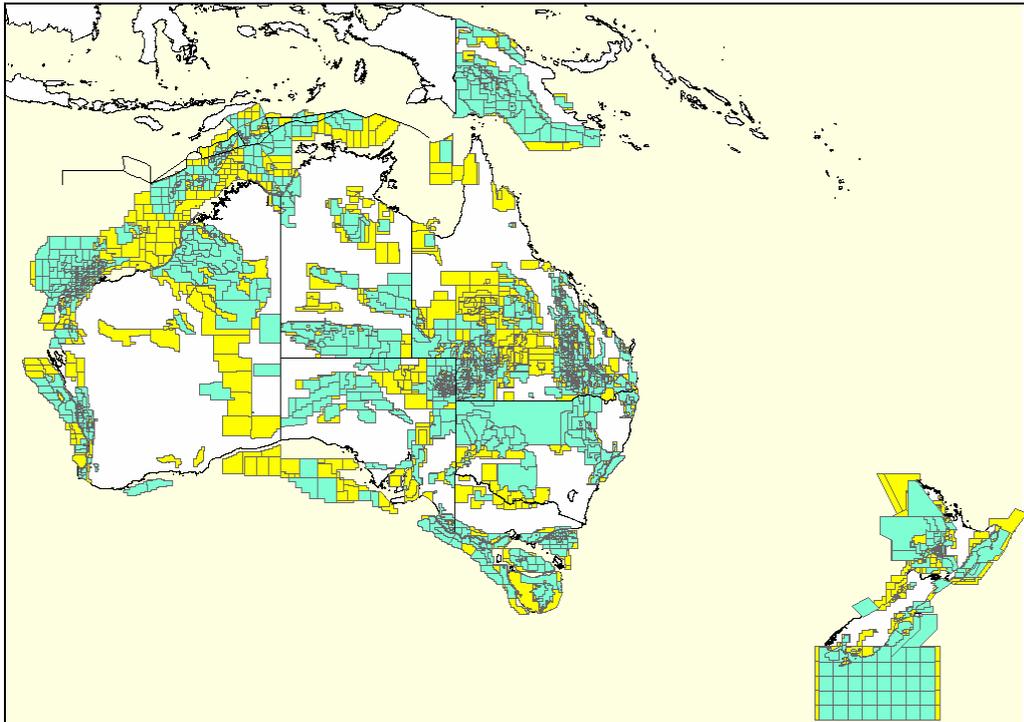


## What is the GPinfo History Module?

The GPinfo History Module is an add-on to the standard GPinfo subscription which provides access to more than 15 years of detailed permit history.

All ownership changes are included together with significant changes in permit geometry resulting from partial relinquishments and extensions. The history data contains details about exploration permits, production licences, retention leases, gazetted areas and ungazetted applications.



*Map of Australia, Papua New Guinea and New Zealand showing all permits that have existed in the last 15 years (current permits are shown in green).*

## What can I do with it?

With the history data attached to your GPinfo system you can do the following:

- Click on a current permit and display its detailed history.
- Click at a location and find which permits, gazettals etc have existed at that location since October 1991 (the start date of the history module).
- Create a 'history layer' any month/year since October 1991 to see which permits existed at that time and what their ownership was.
- Create queries and themes for a 'history layer' to identify permits based on ownership, type etc.

## How useful will it be for me?

That depends on the type of questions you need answered. Perhaps some examples might help:

1. *A company wants to compare its current acreage position with its position at the beginning of 1992 and 1998.*

This can be achieved by creating ‘history layers’ for January 1992 and January 1998 and using these in conjunction with the current GPinfo permit layer via maps or reports.

2. *A company has a ‘claw-back’ arrangement whereby current costs can be partially split with previous owners of its permit based on their percentage interests in the permit.*

This is very straightforward. Click on the permit(s) in question then click on the history link to display the detailed history of the permit.

3. *A company is interested in acquiring open acreage and wants to know whether or not permits existed over that acreage in the past and if so, who were the participants.*

To do this, click on the history layer which shows all key permit events and then browse through the list, clicking on the history link to show ownership details.

## What does it cost?

There are two components to the price of the GPinfo History Module:

1. An up-front fee which provides access to the GPinfo History Module
2. An annual subscription charge for ongoing maintenance of the history data

Both the up-front fee and monthly subscription are tied to your current GPinfo subscription level with the up-front fee ranging from \$3,000 to \$10,000 and the annual subscription charge ranging from \$600 per annum to \$3,000 per annum.

## Do I need a special version of GPinfo?

Access to the history data is provided by your licence key. If you are licensed to use the history data you can do so with your standard version of GPinfo. The only requirement is that you are running version 5.4.5 of GPinfo or above.

## How often will the history data be updated?

The history data will be updated monthly and you will be notified that it is available for download. Despite the amount of data contained within it, the history data tables currently fit in a ZIP file less than 5 megabytes in size.

## How accurate is the history data?

Because of the wide and varied sources used to collect permit information, errors are inevitable – incorrect information may be provided to us by a permit participant, incorrect information may be posted on a government website or transcriptions errors may occur. Whenever we find or are notified of an error we make sure it is corrected in time for the next monthly GPinfo shipment.

The history data is sourced from more than 180 individual monthly shipments and we have spent more than 2 years validating, cross-checking and correcting data. Overall data accuracy and consistency is very high but there will still be problems which require further research and possible correction.

## Are there other inconsistencies?

Apart from the one-off situations described above, the geometries of permits can be affected by changes in GPinfo cultural boundaries - most notably the coastline and, to a lesser extent, the Territorial Sea Baseline (TSB) and the 3 Nautical Mile Limit (3NML).

For example, in July 2003 we released a new and more accurate version of the GPinfo coastline and adjusted all coastal permits to it. This means that small changes to the shape and area of coastal permits occurred at this time which did not result from permit extensions or partial relinquishments.

A similar exercise was undertaken in November 2005 to adjust all coastal and offshore permits to the version of the Australian Maritime Boundaries Information System (AMBIS) that was current at the time the permit was granted. During the time covered by the history data, three different versions of AMBIS have been defined.

In order to identify changes to permit geometry in the history data we checked the area of each permit from month to month and retained any changes above a specific tolerance. In doing so we opted for the conservative approach and therefore some area changes have been retained which result from this mechanical process rather than from true permit extensions or partial relinquishments.

By inspection these should be obvious and should not cause you significant problems in your use of the data. As part of our routine maintenance of the history data we will be reviewing the data and removing these additional events as we identify them.

## Can I find out exactly when a change to a permit occurred?

No, the closest you can come is to the nearest month and in fact it is probably better to assume an accuracy of plus or minus a month for the events recorded in the history data. The month/year at which an event occurred relates to the time when we entered that event into the GPinfo database. Depending on when we received information this may not necessarily be the month/year in which the change occurred.

## Does it provide full ownership information?

Yes, the history data provides full ownership information for all permits. This includes both direct and indirect interests i.e. Overriding Royalty (ORR) and Net Profits Interest (NPI).

Any changes in ownership are noted including change of operator, redistribution of percentage interests and company name change.

## How is the data organised?

The history data is supplied in the form of database tables that are incorporated into your standard GPinfo system, together with approximately 5,000 detailed history HTML pages located on one of Encom's web servers.

The local tables are sparse tables, one of which contains key epochs (an epoch is a month/year combination) for ownership changes and the other of which contains key epochs for geometry changes (partial relinquishments and extensions).

When you want to create a 'history layer', GPinfo selects the appropriate information from these two tables to fabricate a layer which has the same structure as the current permit layer.

An HTML file containing comprehensive history details has been created for each permit that exists or has existed any time in the last 15 years. These pages are accessed by clicking on the history link in the GPinfo Details Window whenever a permit is selected from the current permit layer, a 'history layer' or the layer of all key geometry events.

## Can I export the history data to my own systems?

Yes you can. The terms of use of the history data are the same as for the standard GPinfo data – broadly speaking you are allowed to export the data for use in your own mapping, presentation and GIS software as long as data is not supplied to third parties or used to create commercial products.

## Can I use the history data to build my own permit history database?

You can do this as long as you don't contravene the terms of the licence under which we provide you with access to the history data.

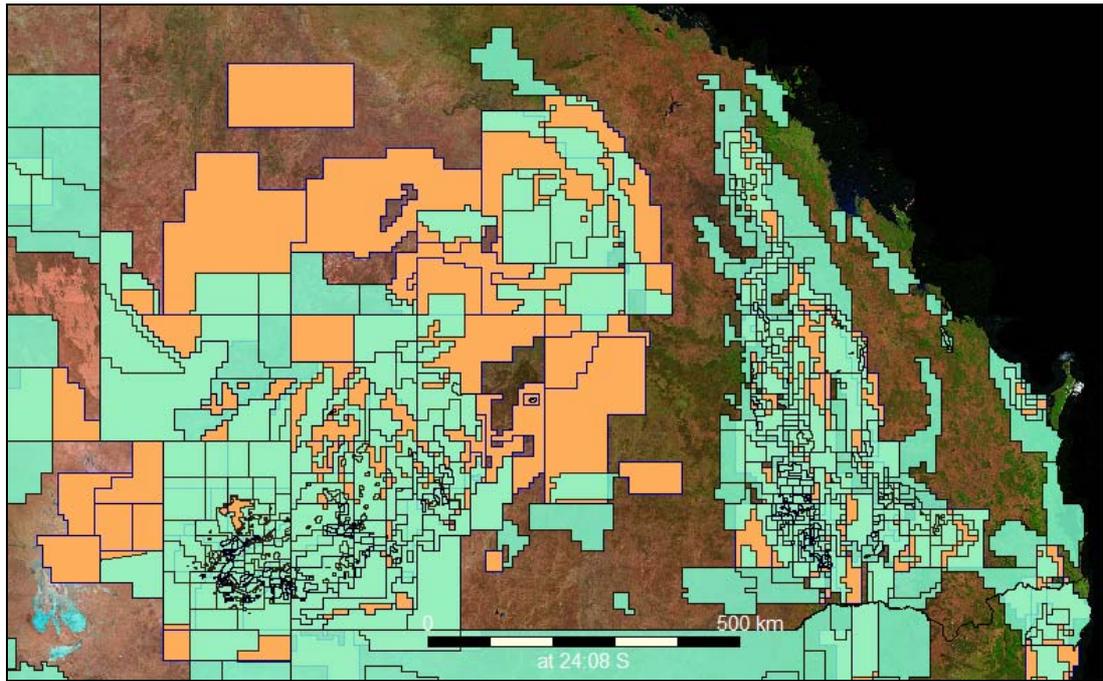
Bear in mind, however, that the history data as provided consists of geometry and ownership tables each of which is sparsely populated with just those events where changes have occurred.

If you want to import the data into a corporate database it is more likely that you will want a complete set of data for each month/year. This is a dataset which we can provide to you on application for an additional charge.

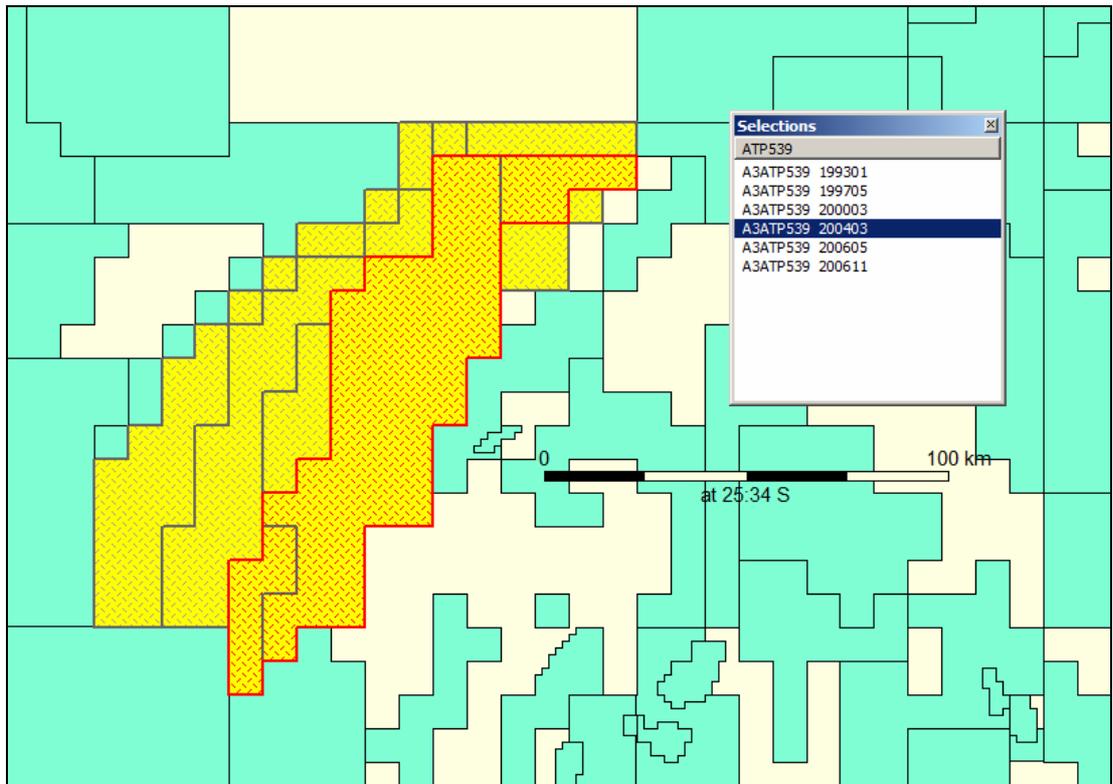
## I only need access to history details for existing permits

At the moment the only subscription option for the history data is the full option which provides comprehensive details for all permits, past and present.

In the future we may look at offering a restricted subscription which provides history for current permits only.



*Southern Queensland showing current day permits in aqua and November 1996 permits in orange. The darker aqua areas are where permits that existed in November 1996 still exist.*



*The various shapes of Queensland exploration permit ATP 539P are shown in yellow. The red outline shows the shape of the permit in March 2004. Aqua areas are current day permits and cream areas are vacant acreage.*

## ATP 539P - Exploration Permit

<b>Jan 1993</b>	FIRST area: 10013.6 sq.kms. * Tyers Petroleum P/L	100.000 DIR
<b>Sep 1995</b>	* Tyers Petroleum P/L Austex Expln Inc	50.000 DIR 50.000 DIR
<b>Apr 1996</b>	* Tyers Petroleum P/L	100.000 DIR
<b>May 1996</b>	Maple Oil NL * Tyers Petroleum P/L	75.000 DIR 25.000 DIR
<b>May 1997</b>	PART.RELIN area: 7996.5 sq.kms.	
<b>Jan 1998</b>	Maple Oil NL * CVL Resources Ltd	75.000 DIR 25.000 DIR
<b>Feb 1998</b>	* Tyers Investments P/L	100.000 DIR
<b>Mar 2000</b>	PART.RELIN area: 5979.3 sq.kms.	
<b>Sep 2002</b>	* Great Artesian Oil & Gas Ltd	100.000 DIR
<b>Mar 2004</b>	PART.RELIN area: 4659.7 sq.kms. * Great Artesian Oil & Gas Ltd Traditional Oil Ex. NL	50.000 DIR 50.000 DIR
<b>Mar 2006</b>	* Great Artesian Oil & Gas Ltd Traditional Oil Ex. PL	50.000 DIR 50.000 DIR
<b>Apr 2006</b>	* Great Artesian Oil & Gas Ltd	100.000 DIR
<b>May 2006</b>	PART.RELIN area: 3725.6 sq.kms. -	
<b>Oct 2006</b>	this permit still exists	

History summary of existing Queensland permit ATP 539P showing area and ownership changes.

## EP 406 - Exploration Permit

<b>Jan 1997</b>	FIRST area: 4737.1 sq.kms.	
	Tap Oil NL	50.000 DIR
	* Euro Pacific Energy P/L	50.000 DIR
<b>Mar 1999</b>		
	* Genesis Resources NL	50.000 DIR
	Tap Oil NL	50.000 DIR
<b>Oct 1999</b>		
	* Genesis Resources NL	100.000 DIR
<b>Jan 2000</b>		
	* Pancontinental Oil & Gas NL	100.000 DIR
<b>Nov 2002</b>	GAP.START area: 4748.8 sq.kms.	
	Victoria Petroleum NL	95.000 DIR
	* Pancontinental Oil & Gas NL	5.000 DIR
<b>Aug 2006</b>		
	* Victoria Petroleum NL	95.000 DIR
	Pancontinental Oil & Gas NL	5.000 DIR
<b>Oct 2006</b>	this permit still exists	

*History summary of existing West Australian permit EP 406.*

## ATP 556P - Exploration Permit

<b>Oct 1993</b>	FIRST area: 12782.8 sq.kms.	
	* Maneroo Oil Co Ltd	100.000 DIR
<b>Jan 1996</b>	PART.RELIN area: 9617.6 sq.kms.	
<b>Mar 1997</b>	PART.RELIN area: 6381.7 sq.kms.	
<b>Jul 1997</b>		
	* Maneroo Oil Co Ltd	90.000 DIR
	Sun Resources NL	10.000 DIR
<b>Feb 1998</b>		
	* Maneroo Oil Co Ltd	95.000 DIR
	Maneroo Expln Ltd	5.000 DIR
<b>Mar 1999</b>		
	* Maneroo Oil Co Ltd	100.000 DIR
<b>Apr 2000</b>	PART.RELIN area: 4571.5 sq.kms.	
<b>Feb 2001</b>	PART.RELIN area: 3234.4 sq.kms.	
<b>Jul 2006</b>	LAST area: 3234.4 sq.kms.	
<b>Oct 2006</b>	this permit no longer exists	

*History summary of relinquished Queensland permit ATP 556P.*