



Northern Territory Government

Department of Planning and Infrastructure

LAND INFORMATION NEWSLETTER

No. 6 October 2007

Welcome to the sixth issue of the Department of Planning and Infrastructure's (DPI) Land Information Newsletter, where you will find updates on:

- Town Plan Map Booklets
- On-line Survey Plan Index
- Aerial Photography Programs - Update
- 2007 Mapping Program – Update
- Rural Addressing is now complete
- Australian Government Intervention – Scheduled Areas maps
- New Imagery Repository and Catalogue
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Town Plan Map Booklets

A new Town Plan Map booklet for Darwin is now available at the Land Information Centre at a cost of \$30.00. The product is in colour and A3 size. Production of similar booklets for other divisions of the Development Consent Authority will be rolled out over coming months.

To order a copy contact the Centre on 8995 5300 or visit us at the 3rd floor, NAB House, 71 Smith Street, Darwin.

On-line Survey Plan Index

The old foil Index Plans that have been used by surveyors and others since the 1920's have been converted to digital format and are now exclusively maintained and searchable through ILIS Maps.

This service has already been available and used by surveyors for over 6 months as part of the development phase, which has resulted in several new searching functions being added. The old Index Plans are no longer kept up to date but they will still be available for manual searching at the Map Shop counter until they are imaged, catalogued and archived in the Historic Map Index at <http://www.ntlis.nt.gov.au/imfPublic/historicMapImf.jsp>

For further information on accessing the ILIS Maps service contact ILIS Support on 8995 5322.

Aerial Photography Programs - Update

Work on the 2007 Program has now ended with the approach of the Wet season. The Program can be found at

<http://www.nt.gov.au/lands/lis/aerial/capture/2007/index.shtml>

Outstanding projects from the 2006 Program highlighted in the last Newsletter (ie Katherine Rural and Douglas-Daly) were also completed this year. 2007 Program projects that will carry forward to 2008 are:

- 2007/049 Groote Eylandt, scale 1:45000
- 2007/086 Bickerton Island and adjacent Islands, scale 1:45000
- 2007/093 Lower Mary River plus additional area, scale 1:45000

The 2008 Program has now largely been defined with input from many areas of the NT Government but will not be finalised until confirmation from the Australian Government of requirements they have covering remote communities – **so if anyone still has requirements contact Doug Rannard on 8995 5319 as soon as possible**. At this stage it is intended the 2008 Program will go out to tender in late November with work commencing at the earliest opportunity in 2008 (subject to weather).

2007 Mapping Program - Update

Work on the 2007-08 Program <http://www.nt.gov.au/lands/lis/mapping/capture.shtml> is under way and a progress report can be obtained from Darren Flanagan on 8995 53225.

Requirements for the next Program to commence in 2008 are being compiled and should be submitted to Darren Flanagan. The target to finalise the Program and go to tender is February 2008.

Rural Addressing is now complete

For all intents and purposes, the Land Records unit has completed rural addressing in the Territory in line with national addressing standards. All rural addresses are being maintained within the Integrated Land Information System (ILIS) and will pass through to the Geo-referenced National Address File (G-NAF) maintained by PSMA Australia Limited – see <http://www.pdma.com.au/datasets/g-naf>

Rural addressing is a key component in the Territory's Address Management Framework which will provide a basis for spatially enabling all manner of business information. Another key component, the allocation of official locality and suburb names to roads, has also been completed following the update of all current addresses in ILIS.

Addressing in remote areas is still to be tackled – these areas include Aboriginal communities, remote land parcels along major highways and Pastoral leases. Options to carry out this work are being considered.

Australian Government Intervention – Scheduled Areas maps

Following the Australian Government Intervention in Aboriginal communities Land Information has produced maps of all of the Scheduled Areas defined in the Commonwealth legislation. The digital data has been provided to the lead Commonwealth agency, the Department of Families, Community Services and Indigenous Affairs.

Hardcopy A3 colour image maps or .pdfs of these areas can be obtained through the Land Information Centres - <http://www.nt.gov.au/lands/lis/centres/index.shtml>

New Imagery Repository and Catalogue

DPI Land Information and Road Networks have jointly established a large imagery repository consisting of 5.3TB of storage to store aerial, satellite and road condition imagery.

A new imagery catalogue has been developed by NTLIS offering improved imagery storage, access and metadata management. Imagery custodians are able to drag geo-referenced images into a special folder and have them imported into the catalogue, allowing NT government users to discover the imagery and download it. Work is scheduled to make the catalogue available on the Internet, thereby allowing the public to find imagery available for purchase similar to the functionality offered by the current Aerial Photography Index

<http://www.ntlis.nt.gov.au/airphoto/>

Government departments are being encouraged to contribute imagery to the catalogue making it an authoritative source for discovering NT Government raster spatial assets.

More information about the catalogue can be found on the NTLIS Collaboration Forum:

http://www.ntlis.nt.gov.au/forum/ntlis_documents/ntlis-imagery-catalogue/

Alice Springs Base Stations now operational

In addition to the Base Stations already operating in Darwin and Palmerston, a Continuously Operating Reference Station (CORS) network has recently been established in Alice Springs. This position location service enables suitably prepared users access to survey accurate GDA94 coordinates in real-time.

Sites at Alice Plaza in the Todd Street Mall and the Arid Zone Research Institute (AZRI) south of the town will allow real-time reception on both sides of the MacDonnell Ranges to a radius of approximately 30 kilometres. Data is also available for post processing GPS static data at the centimetre level.

The two Alice sites have been established in exactly the same manner as the two Darwin sites, as outlined in the last Newsletter

<http://www.nt.gov.au/lands/lis/newsletter/2007/march.shtml#GNSSBaseStation>

Being directly attached to NT Government infrastructure means that the communications link is very robust and to date no problems have been experienced. Testing of the actual radio reception is very encouraging and indicates better than expected coverage on both sides of the Ranges.

The availability of this service is being advised to potential users. Two Alice Springs surveying companies have indicated they intend to use the service, but use is not limited to surveyors.

Further information can be obtained from Roland Maddocks on 8951 9251.

Feedback

Email: landinfo.dpi@nt.gov.au

Fax: Land Information Division (08) 8995 5365