

location matters

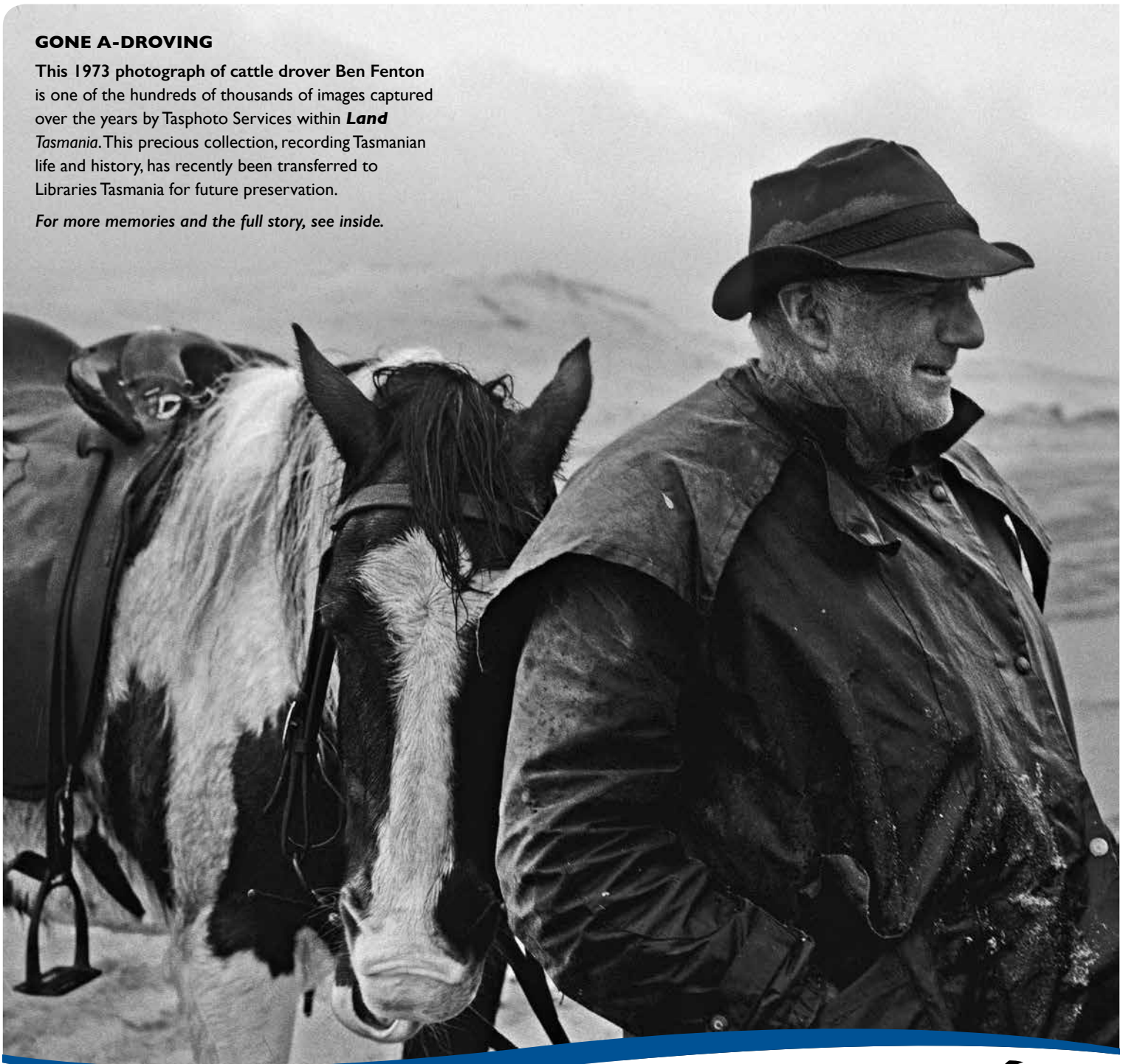
LandTasmania

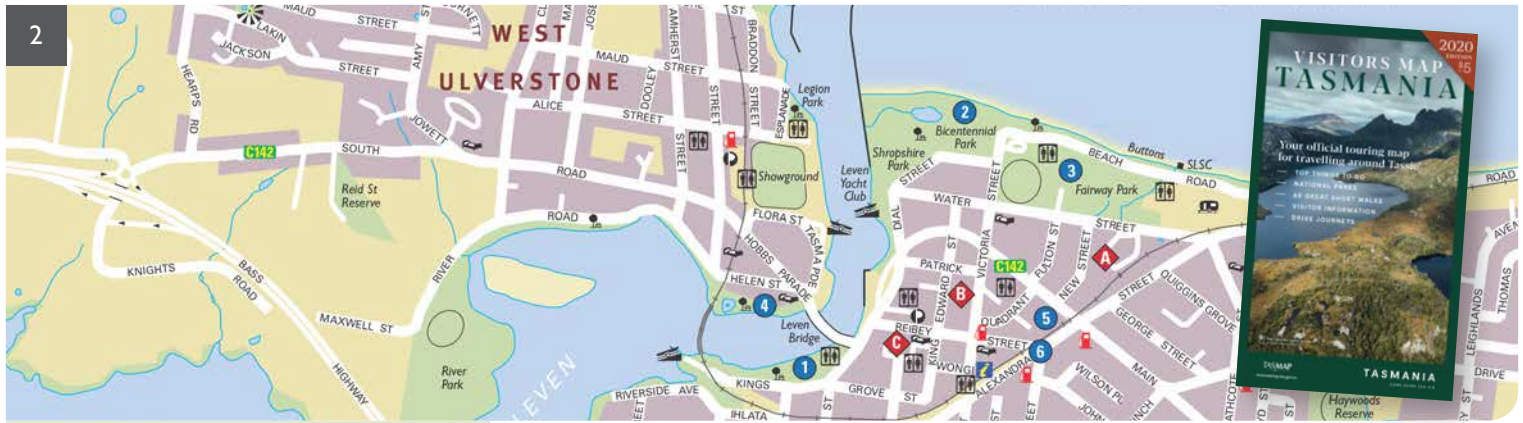
A point of reference for Tasmanian Land Information

GONE A-DROVING

This 1973 photograph of cattle drover Ben Fenton is one of the hundreds of thousands of images captured over the years by Tasphoto Services within **Land Tasmania**. This precious collection, recording Tasmanian life and history, has recently been transferred to Libraries Tasmania for future preservation.

For more memories and the full story, see inside.





Detail of town enlargement included on reverse side of the newly released Visitors Map Tasmania. Now available for purchase from Service Tasmania shops, TASMAT resellers and online at www.tasmap.tas.gov.au

This newsletter is designed and produced by **Land Tasmania**, a division of the Tasmanian Department of Primary Industries, Parks, Water and Environment (DPIPWE).

location matters aims to keep clients and members of the community informed about new developments and progress with existing projects, as well as introduce you to staff and the work they do.

Please take a few minutes to provide feedback or ideas for future issues by completing the short questionnaire at www.dpipwe.tas.gov.au/locationmatters

An electronic version of this publication can be found at:

www.dpipwe.tas.gov.au/locationmatters

Spatial sector helps to grow Tasmanian agriculture

Welcome to the latest edition of location matters.



In my role as Minister, I readily see how the functions and services of **Land Tasmania** cut across many of my portfolios including primary industries, water, energy and resources.

One area I'd like to highlight is the role of the spatial sector in supporting growth of Tasmanian agriculture. As outlined in *Tasmania's Sustainable Agri-Food Plan 2019-23*, the Government has committed to growing the farm gate value of Tasmanian agriculture to \$10 billion by 2050. This involves initiatives focused on realising the benefits of irrigation; targeted research, development and extension; increased on-farm productivity; skills development; enhanced profitability; and resilient rural communities.

The spatial sector plays a significant role in achieving this target, and can assist farmers to plan, manage and run their businesses with innovative technology and applications. This includes precision and robotic farming, national positioning infrastructure, remote sensing, drones and smart devices. All of these valuable technologies are underpinned by spatial information and the role of the spatial sector:

The Spatial Information and Digital Agriculture Forum held earlier this month recognised the significance of spatial information to the agriculture sector. A key feature of this event was seeing the benefits of this collaborative effort between key spatial and agricultural stakeholders. It was an unmissable opportunity for those of us with an interest in agriculture to see what the future holds.

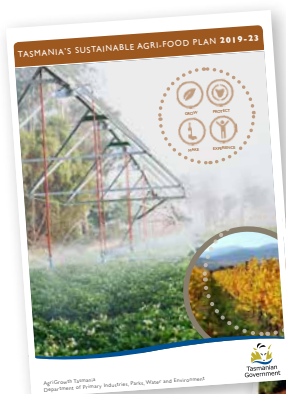
I hope you find this edition of *location matters* enlightening.

The Hon Guy Barnett MP
Minister for Primary Industries and Water

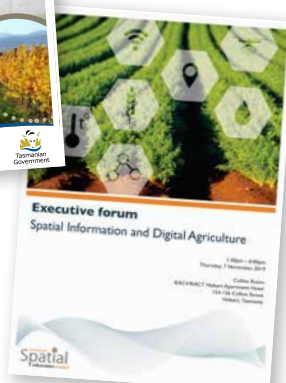
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FEATURE STORY on page 4



The recently released *Agri-Food Plan 2019-23* and the TASSIC program for the Executive forum, *Spatial Information and Digital Agriculture* held in early November 2019.



Informing the next generation of *spatial data delivery*

Earlier this year

the Tasmanian Spatial Information Council (TASSIC) commissioned an online survey of LIST and spatial data users. The purpose of this survey was to inform the next generation of spatial data delivery by determining the level of LIST use and expectations. More than 300 responses were received and these framed the themes for two workshops, one in Launceston and one in Hobart. Approximately 30 participants were invited to each workshop according to their expressions of interest in the survey, and/or because of their involvement in a spread of user sectors. TASSIC engaged the services of Maurits van de Vlugt from Mercury Project Solutions to facilitate the workshops and to compile a summary report. TASSIC will review the summary to provide a report and a series of recommendations to the Department that will inform the roadmap for the next generation of LIST data and services capability.

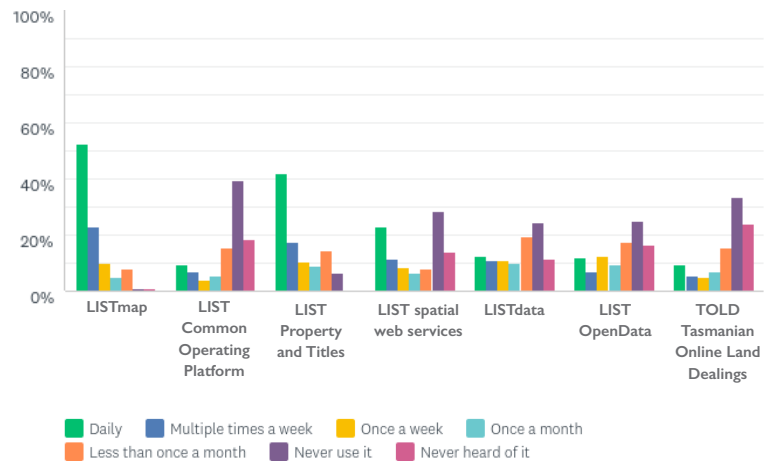
The LIST survey captured a range of information from respondents, including: what LIST products they use; how often they use them; how they see that use pattern changing; and what new products and services they might like in the future (see images). The survey respondents themselves came from all walks of life, covering industry, government, not-for-profit organisations and the general Tasmanian community. They also represented more than the traditionally recognised LIST professions like surveying, valuation and real estate, with respondents also coming from fields such as outdoor education, engineering, architecture and building design.

Like the survey responses, workshop attendees were glowing in their praise of the current LIST. They were, however, all very active in proposing what they felt the future direction of the LIST infrastructure might be. This vision included everything from higher accuracy property boundaries to catering for autonomous vehicles, reflecting the reach of spatial information in society today.

Participants engaged in discussion at the Hobart workshop.

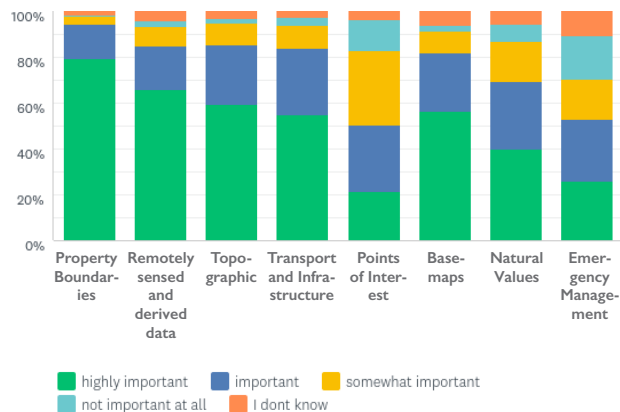


How frequently do you use LIST data services?



Above and below: Graphed analysis of recent LIST survey data.

What spatial dataset themes do you see most important in your organisation in the next five years?



Film and print collection

helps preserve Tasmania's story

Mount Snowy and
Hartz Peak, 1985.

Remarkable glimpses

of Tasmania's 1967 fires, the Tasman Bridge collapse, Hobart's Beaumaris Zoo and the Bicentennial Tall Ships event are among the extensive collection of film and print images recently transferred by **Land Tasmania** to the State Archives, within Libraries Tasmania.

The collection, which includes 236,289 negatives and 97,319 transparencies, documents the significant events, cities and towns, landscapes, aerial views and people of twentieth century Tasmania.

The earliest photographic negatives in the collection date back to 1948 when the Tasmanian Government established the Tasmanian Government Film Unit. The collection continued to grow through the eras of the Department of Film Production, Tasmanian Film Corporation, Tasmaphotographics and latterly Tasphoto Services.

Land Tasmania's Graeme Harrington has managed the collection for many years. Before he could pass it on, he had to ensure that the hundreds of thousands of negatives and transparencies were thoroughly documented and identified.

"It's very satisfying to know this significant collection will be preserved for future Tasmanians,"

Graeme said.

This important transfer is part of **Land Tasmania's** Historical Land Records Digitisation Project, which has seen many priceless records transferred to Libraries Tasmania for preservation, including the Deeds Office records and historical plans and charts.



Cars balance on the edge of the collapsed Tasman Bridge, 1975.



Above left: Graeme Harrington, in focus, using a Mamiya 120mm roll film camera. Above right: Biosecurity officers prepare to inspect a cruise ship in Hobart, 2015. Below: Bathurst Harbour as seen from Mount Rugby, 1998.



Above: The Russian full rigged ship Pallada and Mexican barque Cuauhtemoc were the largest of more than 33 vessels that sailed from Sydney to Hobart in Australia's Bicentennial Tall Ships event, 1988.



Above: Crew from the Indonesian barquentine KRI Dewaruci celebrate their arrival in Hobart, Tall Ships Australia, 1998. Below: Diagnostic staff investigate Tasmanian Devil Facial Tumour Disease at the Mount Pleasant Laboratories in 2006.





Above and top left: South Hobart in the aftermath of Black Tuesday, one of Australia's worst recorded bush fires. On 7 February 1967 fires swept across south-eastern Tasmania, killing 64 people and injuring more than 900.

Above top middle: Smoke and red haze filled Hobart's Brisbane Street on Black Tuesday, 1967.

Above top right: Cattle drovers Ben Fenton and Bill Payne on the Tasmanian West Coast, 1973.

Priceless land records transferred

In the past two years, **Land Tasmania** has also completed the transfer of a number of other land record sets. These include:

- Deed Memorials and related documents
- Land Grants
- Certificates of titles
- Land Titles Act dealings
- Lands Office survey plans and charts

More than 2 500 boxes of priceless historical records are now being preserved at the State Archives – some of which date back to the 1820s.

Over 1.5 million records were digitised and are now accessible online through the LIST at www.thelist.tas.gov.au



Above: A 1930 image of lions at Beaumaris Zoo.

Below: Inspecting damage after the Myer building fire in 2007.



Above: Queen Elizabeth II opened the Parliament of Tasmania in February 1954. In 2008, the Youth Parliament sat in the same Legislative Council Chamber.

Below: Aerial view of Table Cape, north west Tasmania, 1993.



Above: Sunset at Lindisfarne Bay 2008.

Below: Alison Reid from Beaumaris Zoo was photographed in 1930 with her pet lion cub and dog.



Orthorectified aerial image taken early this year, showing the newly named Rose Garden Bridge under construction on the left.

New version of Placenames Tasmania is web service enabled

Place names are

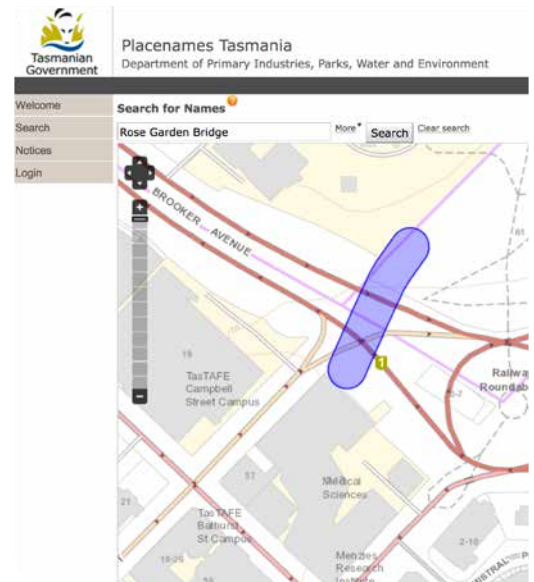
names of places or geographic entities and are critically important reference points for all members of the community. From natural features, such as rivers and mountains, to localities, streets and reserves, place names are the most common way that people identify locations. While the existence and use of place names may be taken for granted in everyday life, the importance of rigorous processes for assigning appropriate and authoritative names to natural and manmade features generally goes unnoticed. Consistent use of accurate place names is an essential element of effective communication worldwide, and supports socio-economic development, conservation and national infrastructure.

Land Tasmania recently released an upgraded version of Placenames Tasmania.

The new version is web service enabled, meaning you can now bring the place names into your own GIS or webmap viewer; and has introduced an upgrade to the Place Name field.

For more information on the changes go to: <https://dpipwe.tas.gov.au/land-tasmania/place-naming-in-tasmania/placenames-tasmania>

Placenames Tasmania is the register of Tasmanian place names and provides a freely available website for the community to access a wide range of information on place names. Search either through an interactive map, or by entering a place name, and once identified, view a range of details, including the extent of the feature and any historical information held on that name. The website is available at: www.placenames.tas.gov.au



For more information about the Rose Garden Bridge (37763B)* go to www.placenames.tas.gov.au

Shining a light on historical features through Place Names

Lemon Light was named for its position on Lemon Rock, off Cape Forester, and was one of the first lights built by the Commonwealth Lighthouse Service. First lit on 5 October 1917, it was simply a lantern without the usual lighthouse tower – one of only a few such lights.

Due to the extreme difficulty of access, the light was discontinued in May 1971, then dismantled and placed in storage.

Today, it is held at the Queensland Maritime Museum. A replacement for Lemon Light was built at Cape Tourville, and the Cape

Tourville Light (20212T)* was first lit in November 1971.

Lemon Light (3850X)* is held in Placenames Tasmania as a historical feature with corresponding historical information and is searchable via LISTmap.

For more information on this and thousands of other Tasmanian features go to Placenames Tasmania at www.placenames.tas.gov.au

* Each feature in Placenames Tasmania has a unique alphanumeric identifier allowing linkages to our data and systems.

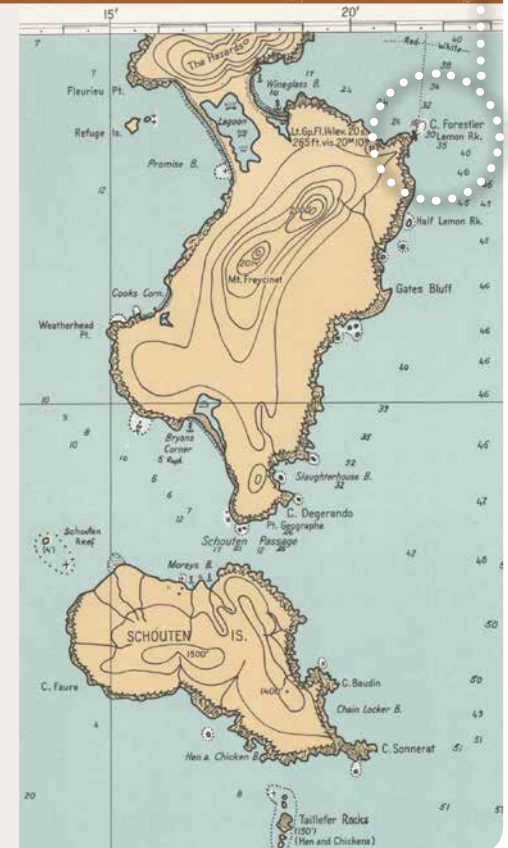
Lemon Rock, Cape Forester.

Photography Source: Australian Maritime Safety Authority

A rare photograph of Lemon Light from 1948, featuring the top trestle, cylinder house and light. Men winch equipment up from below.



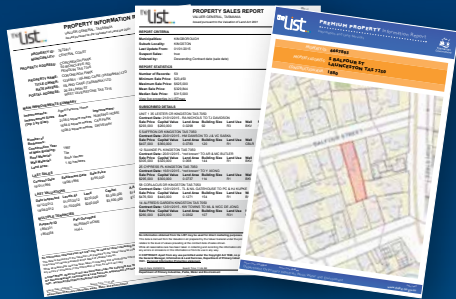
Below: Inset of nautical chart compiled by D.A. Smith from 1963 showing Lemon Light on Lemon Rock. The reference to 'Red' and 'White' on the chart indicate what colour light will shine depending on your location at sea.



Land Information System Tasmania

the **List**

Premium Property Report



Property information, sales and statistics in a single report



Tasmanian Government

www.thelist.tas.gov.au

Client Services contact details

Normal operating hours for all client enquiries are:

9.00am – 5.00pm Monday to Friday

LIST Helpdesk

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Phone (03) 6165 4444

Web via the client request form

TASMAP

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Order online at www.tasmap.tas.gov.au

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Property valuers: who we are and what we do

The ups and

downs of Tasmanian property prices make headlines these days but governments need to provide an impartial value of property to help inform services and infrastructure resourcing by local councils. This is the expertise of property valuers such as Bronwyn Haydon from the Office of the Valuer-General (OVG).

"We determine the value of property by gathering a range of data such as what improvements are constructed on the property, comparable sales in the area, and location of the property," Bronwyn said.

The work is diverse and it was for this reason that Bronwyn was drawn from private industry to the OVG two years

ago. Today she works on projects that include everything from valuing a jetty lease, through to developments such as the Kingborough Community Hub.

"Since starting within government, my eyes have been widened as to what I'm able to achieve as a property valuer and the diversity of my industry," she said.

"My father is also a property valuer and, when I was young, his work took our family on many different outings. From that, I always found property valuation interesting.

"It's a career that I love because no two days are ever the same."



Bronwyn outside Kingborough's new multi purpose community hall, using tablet technology via the VISTAS system.

Real-world focus of the LTO

The recent appointment

of Robert Manning as the Recorder Of Titles promises to deliver a fresh and engaging perspective to the Land Titles Office (LTO).

Robert joined the LTO in September from Murdoch Clarke, where he was a Senior Associate. Admitted as a Barrister and Solicitor of the Supreme Court of Tasmania in 1987, Robert has practised in all aspects of commercial law including conveyancing, property development and subdivisions, leases, trusts, company law, and mortgages.

Robert has been Chair of the Property and Commercial Law Committee of The Law Society of Tasmania, and a member of the Society's standard form contract working group, its State Revenue Office liaison committee, and its LTO liaison committee.

As Recorder Of Titles

Robert will bring a different perspective to the operations of the LTO. There will be a greater focus on addressing the real-world requirements and expectations of the public and the business community, especially through its interaction with key stakeholders such as legal practitioners, conveyances, financiers, settlement agents and surveyors.

Robert sees his appointment, his background and experience as a fresh opportunity to review and, where appropriate, reset the focus and activities of the LTO. As part of that process, Robert is committed to enhanced engagement with the community through interaction with relevant professional groups.



News in brief...

Release of latest State Aerial Photo Basemap

Land Tasmania has recently published the latest version of the State Aerial Photo Basemap with more than 7 700 km² of new imagery flown earlier this year. The resolution for the new imagery is 10 cm for urban areas and 25 cm for rural areas, with capture including the entire Devonport, Launceston, Tasman, Clarence, Hobart and Glenorchy municipalities, urban areas of Northern Midlands, Dorset, West Tamar, Brighton and Sorell municipalities and the entire mainland of Flinders Island.

The LIST State Aerial Photo Basemap is a mosaic of aerial photographs geometrically corrected ('orthorectified') to allow the scale to be uniform across Tasmania. To achieve statewide coverage, photos with varying quality and at numerous different points in time were stitched together using the best quality, most recent and most accurate photography wherever possible.

Above: Images of the Tuna Club of Tasmania at Pirates Bay, Tasman Peninsula demonstrate the improved quality using digital imagery capture. The bottom image, taken in February 2019, is a vast improvement on the previous imagery (above), captured in November 2010.

Software upgrades to support GDA2020

Land Tasmania has completed the major component of its software upgrade works required to support the delivery of data in GDA2020. This included a significant version upgrade of the ESRI software services underpinning the LIST. **Land Tasmania** will now review its technical implementation plan and commence further service delivery application changes in line with the expectation of being able to receive and deliver spatial data in GDA2020 by July 2020.

A project manager has also been appointed to focus on stakeholder engagement leading up to this deadline.

Revolutionising planning and development

Spatially enabled digital twins (or digital replicas of the real world) are revolutionising planning and sustainable development for industry and governments by creating new opportunities for analytical insights and improved decision making using the digital models.

ANZLIC – Spatial Information Council is working with the Australian, state and territory governments to ensure a coordinated approach across jurisdictions, starting with a set of principles to guide digital twin development and delivery of Australia's digital twin ecosystem.

For the latest news, refer to ANZLIC's website at <https://www.anzlic.gov.au/>

Direct enquiries to

Manager - Service Delivery

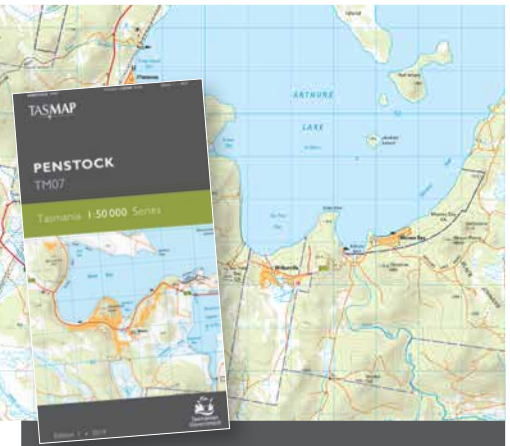
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1: 50 000 Penstock - now available for purchase from Service Tasmania shops, TASMAP resellers and online at www.tasmap.tas.gov.au

NEW TASMAP PRODUCTS

Recently released map products are now available for purchase online at www.tasmap.tas.gov.au or from Service Tasmania shops and TASMAP resellers.

1:50 000 Topographic Maps

- Dazzler
- Palooza
- Murchison
- King William
- Victoria Valley
- Eldon
- Penstock



Coming Soon

- Hummocky
- Boobyalla
- Mount William

National Park, Walk and Recreation Maps

- Visitors Map Tasmania



POPULAR PRODUCTS

Digital downloads

- National Park, Walk and Recreation Maps
- 1:50 000 Topographic Maps – complete coverage - Now available as a statewide coverage on USB drive.

Historical map reproductions

- A selection of reproductions from the TASMAP Historical Map collection.

Now available online at www.tasmap.tas.gov.au

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