



GSAK 101

(Geocaching Swiss Army Knife)

- By The Rats
- For I.C.C - 101 event
- <http://coord.info/GC4DQ4H>



GSAK Information

- <http://gsak.net>
- GSAK is an offline database storing waypoints & geocaches
- Free for 21 Days then \$30 to remove nag screens
- Windows XP, Vista, Windows 7 & 8
- Australian made by a geocacher, ClydeE



Requirements

- Premium membership at [Geocaching.com](https://www.geocaching.com)
- Pocket Queries
 - 5 Pocket queries per login / day
 - Max 1000 caches per pocket query
 - Pocket Queries can only run once per day
- API (Live access to GC.com servers)
 - 6000 full geocaches per day.
 - Max 2000 per hour



Features

- Record of all your placed, found, DNF, FTF, solved and best of all, unfound geocaches.
- Run simple or complex filters to sort geocaches
- Upload to your GPS, PDA or phone
- Displays geocaches using Google Maps
- Statistics Generator
- Export to various mapping programs
- Highly configurable
- Custom built macros to do just about anything
- Much more....



Installing GSAK

- Download and install to PC (<http://gsak.net>)
 - (Don't auto populate database)
- Optional Beta versions & patches

GSAK (Geocaching Swiss Army Knife)
[Home](#) [Order](#) [Forum](#) [Members](#) [Google Map](#) [FAQ](#) [Macros](#) [Help](#)



GSAK is the all in one Geocaching and waypoint management tool. Major features include: Multiple databases, sending/receiving waypoints to GPSr, Google maps, conversion to many mapping formats, PDA output (including CacheMate support), HTML output, extensive searching, macro support, backup and restore, distance/direction from other waypoints (including caches, locations, post codes) and much more. GSAK only runs on Windows operating systems (2000, XP, Vista, Windows 7)

For a more complete feature set please click [here](#).
For a screen shot of GSAK click [here](#)

GSAK is **FREE** to download and use, but after 21 days of unrestricted use you get a nag screen. You can keep using GSAK after the 21 days, but if you want to remove the nag screen you will need to register the program (*Note: PayPal will now accept credit cards directly - you DON'T have to set up a PayPal account.*). To register GSAK or see the benefits of registration click [here](#)

Need help? GSAK has its own support forum. Go here <http://support.gsak.net>

There is also a GSAK 101 getting started guide that you can download from [here](#)

NEW 9th November, 2011 - Version 8.0.0 (using Geocaching.com "live" api) is now ready for download. **Note:** Version 8 is a chargeable upgrade for V7 registered users - for more information see [here](#)

[Download version 8.0.0](#) (7.5mb) or if busy or slow try [here](#). Please see the [version history](#) for a list of changes.

For Version 7 users that do not wish to upgrade to V8 you can download the latest V7 (7.7.4.36) [here](#).

Unsolicited user testimonial:

I used to use a clunky assortment of gToWin, GPSTabel, Utopia, CacheMateConvert, and a host of other little scripts in combination with my standard map applications like MapQuest, Streets & Trips, etc. I am pleased to inform you that after I put your product through its paces for a couple months, I now use only one application for manipulating and storing waypoint & geocache data: GSAK. This is the best piece of GPS waypoint management software I've ever purchased. It is also the greatest value. The features of GSAK are excellent, the interoperability with other applications is excellent and your responsiveness to requests is excellent. Thank you very much for your fine work. I declare myself a very satisfied customer.

Sincerely,
Daryl Hinz



Under the covers GSAK uses GPSBabel and is powered by the Geocaching.com live api

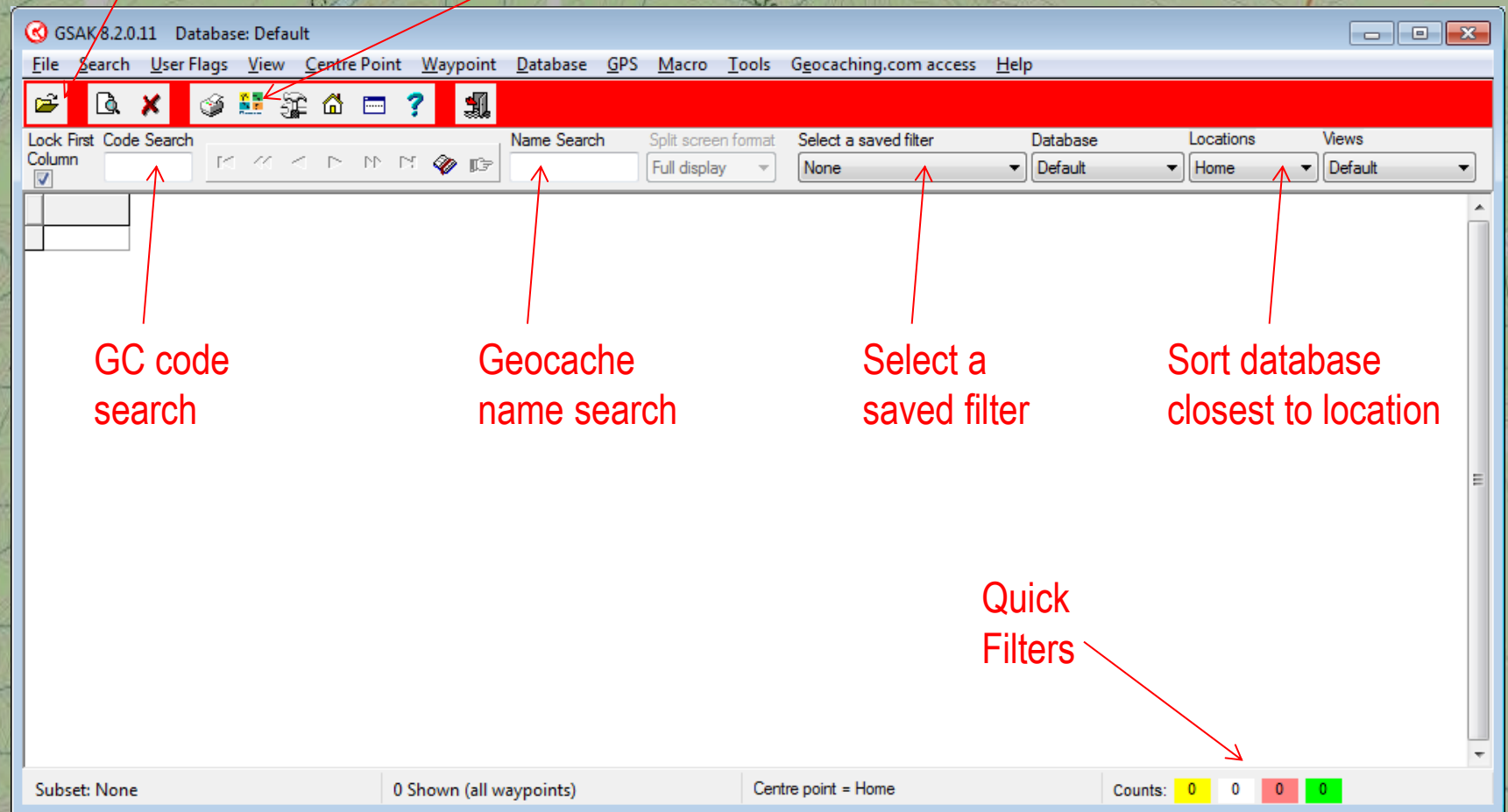
Copyright 2004-2011 CME Computer Services
[Privacy Policy Contact](#)



GSAK Main Screen

Load
Geocaches

Export GPX file



Basic Set Up

- Info from GC personal account

Your Profile

[Edit](#) | [Change Password](#)

Username: The Rats

Sharing:  

Member ID: 38680

Full Name:* Dave Bere

Address:* Wollongong, New South Wales 2526
Australia

Occupation: Geocaching & something that pays the bills

Location: Wollongong - NSW - Australia

Your Preferences

[Change](#)

Language: English

Time Zone: E. Australia : Canberra, Sydney
Show Daylight Savings Time

Distance Units: Use Metric Units

Date Format: 17/06/2013

Web Page: <http://www.daflee.blogspot.com/>

Instant Message: None Specified

Friend Requests: Allow Friend Requests


GPX Version: GPX 1.0.1

Avatars: Show Cache Log Avatars

My Profile: Show Recently Viewed Caches

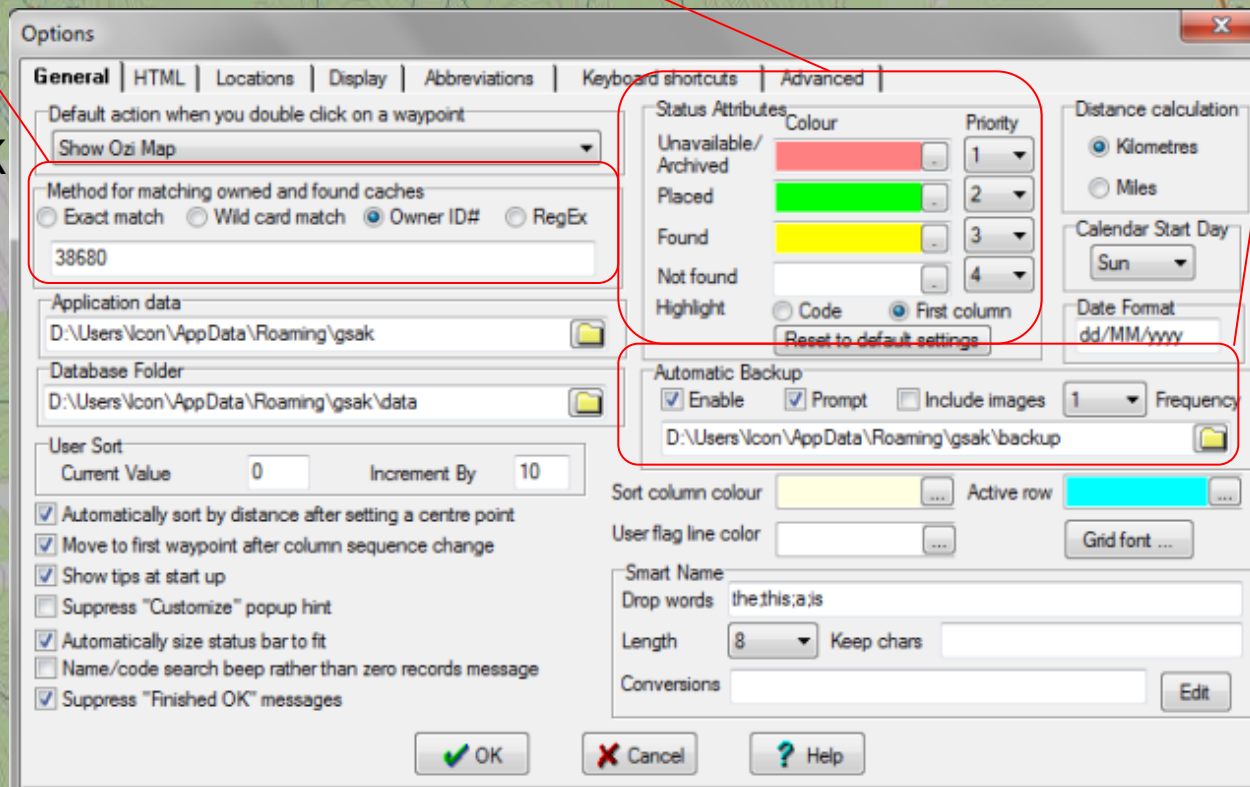


Basic Set Up

Click the Hammer Tool  or Tools => Options (Ctrl + A)

This sets the highlight colour of your caches if they are found, not found, placed disabled or archived.

This tells GSAK your username and how to match your found logs



The screenshot shows the 'Options' dialog box for GSAK. The 'General' tab is selected. The following settings are highlighted:

- Default action when you double click on a waypoint:** Show Ozi Map
- Method for matching owned and found caches:** Owner ID# (selected), with the value 38680 entered.
- Status Attributes:** A table showing colors and priorities for different cache states.

Status Attributes	Colour	Priority
Unavailable/Archived	Red	1
Placed	Green	2
Found	Yellow	3
Not found	White	4
- Automatic Backup:** Enabled, with a prompt, and the backup path set to D:\Users\Icon\AppData\Roaming\gsak\backup.

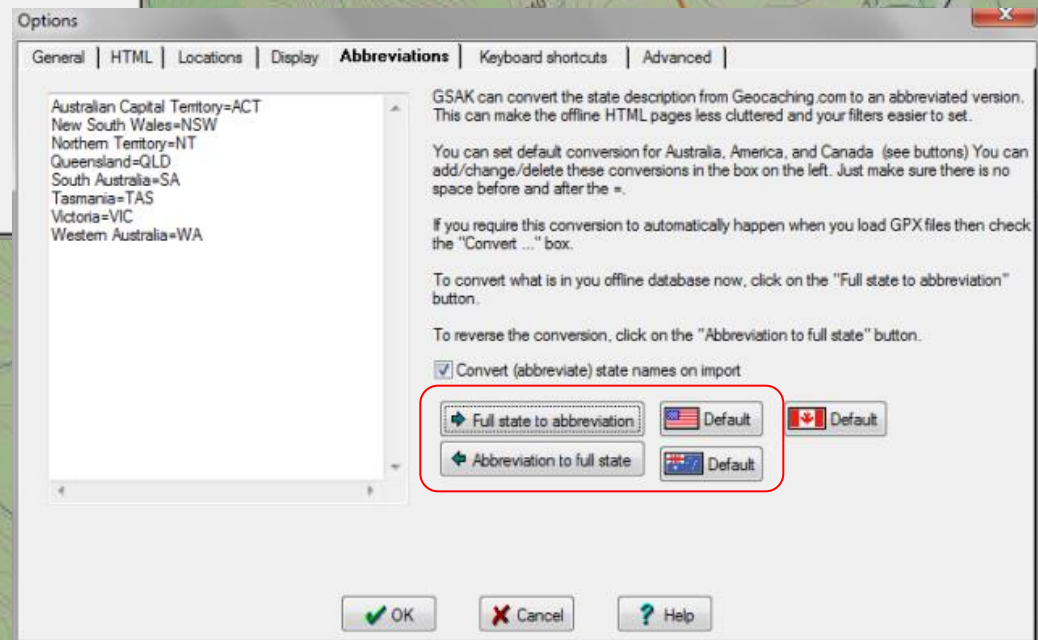
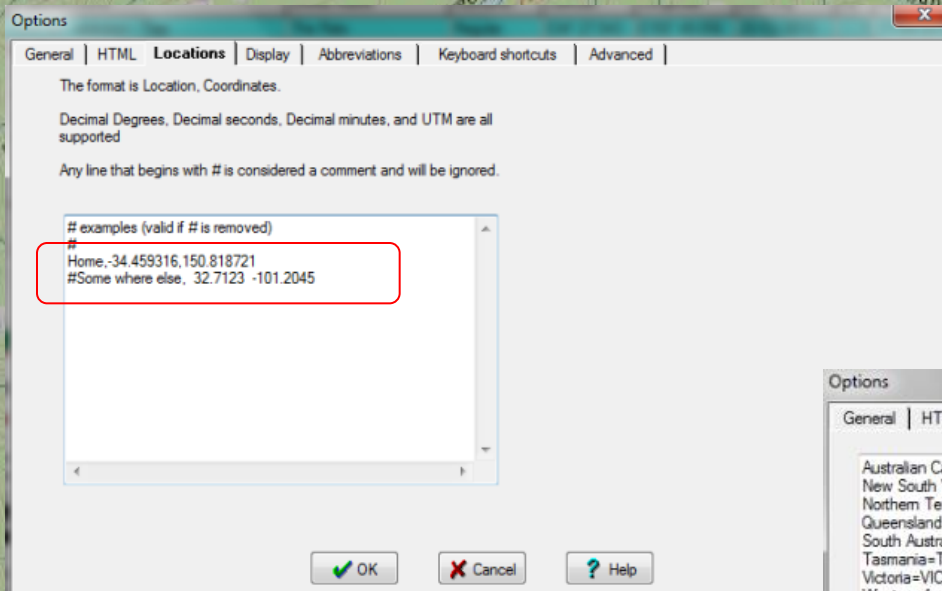
Very Important!
This tells GSAK when to backup your database

It's also a good idea to set your home coords in the Location tab



Basic Set Up – (options)

- Set your home coordinators in location tab
- Set abbreviations in Abbreviation tab



An empty database is useless...

The screenshot shows the Geocaching website interface. At the top, the Geocaching logo is on the left, and a user profile for 'The Rats' is on the right. Below the header is a navigation bar with links like 'Learn', 'Your Profile', 'Play', 'Community', 'Shop', 'Partnering', 'Videos', and 'Follow Us'. The main content area displays the details for a specific cache, 'I.C.C - 101', which is an event cache by user 'I.C.C.' with an event date of 30/06/2013. It shows a difficulty of 5 stars and a terrain of 5 stars. The coordinates are S 34° 24.129 E 150° 53.708, located in New South Wales, Australia, 9.5 km from the user's home location. On the right side, there is a 'Navigation' section with links for 'Log your visit', 'Watch Listing', 'Ignore Listing', and 'Bookmark Listing'. At the bottom of the cache details, there are buttons for 'LOC waypoint file', 'GPX file', 'Send to My GPS', and 'Send to My Phone'. The 'GPX file' button is circled in red, with a red arrow pointing from it to the text below.

GEOCACHING

Hello, **The Rats** (Sign Out)
Premium Member
7,933 Caches Found

Learn ▾ Your Profile ▾ Play ▾ Community ▾ Shop ▾ Partnering ▾ Videos Follow Us ▾ English ▾

Geocaching > Hide and Seek A Geocache > Geocache Details **GC4DQ4H ▾**

I.C.C - 101
An event cache by **I.C.C.** Event Date: 30/06/2013 [Add To Calendar](#)

Difficulty: ★★★★★ Size: (not chosen)
Terrain: ★★★★★

S 34° 24.129 E 150° 53.708
UTM: 56H E 306525 N 6191244
[Other Conversions](#)

In New South Wales, Australia
NE 9.5 km from your home location

Print:
 [No Logs](#) [5 Logs](#) [10 Logs](#) [Driving Directions](#)

Download: [Read about waypoint downloads](#)

[LOC waypoint file](#) | [GPX file](#) | [Send to My GPS](#) | [Send to My Phone](#)

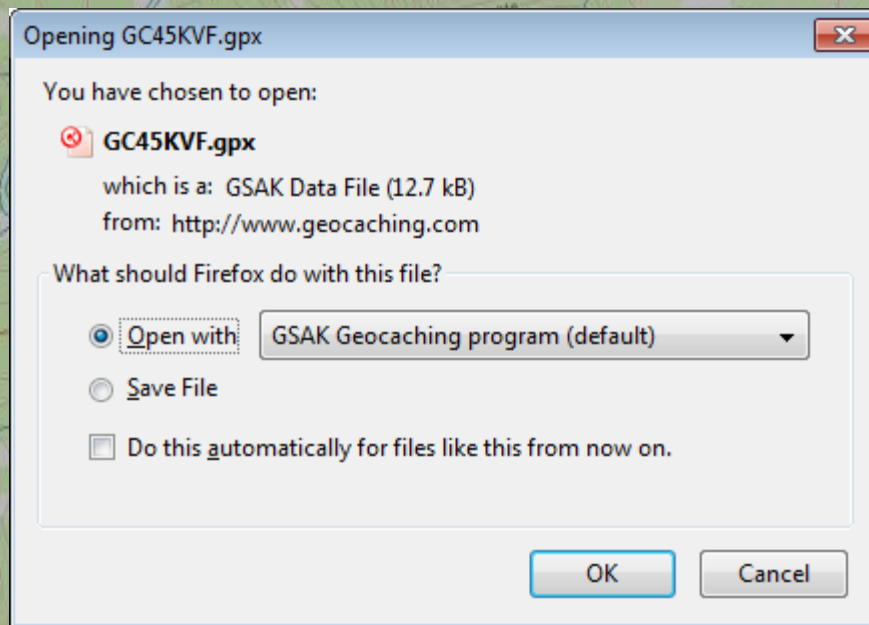
Navigation

- [Log your visit](#)
- [Watch Listing](#)
- [Ignore Listing](#)
- [Bookmark Listing](#)

2 user(s) watching this cache.

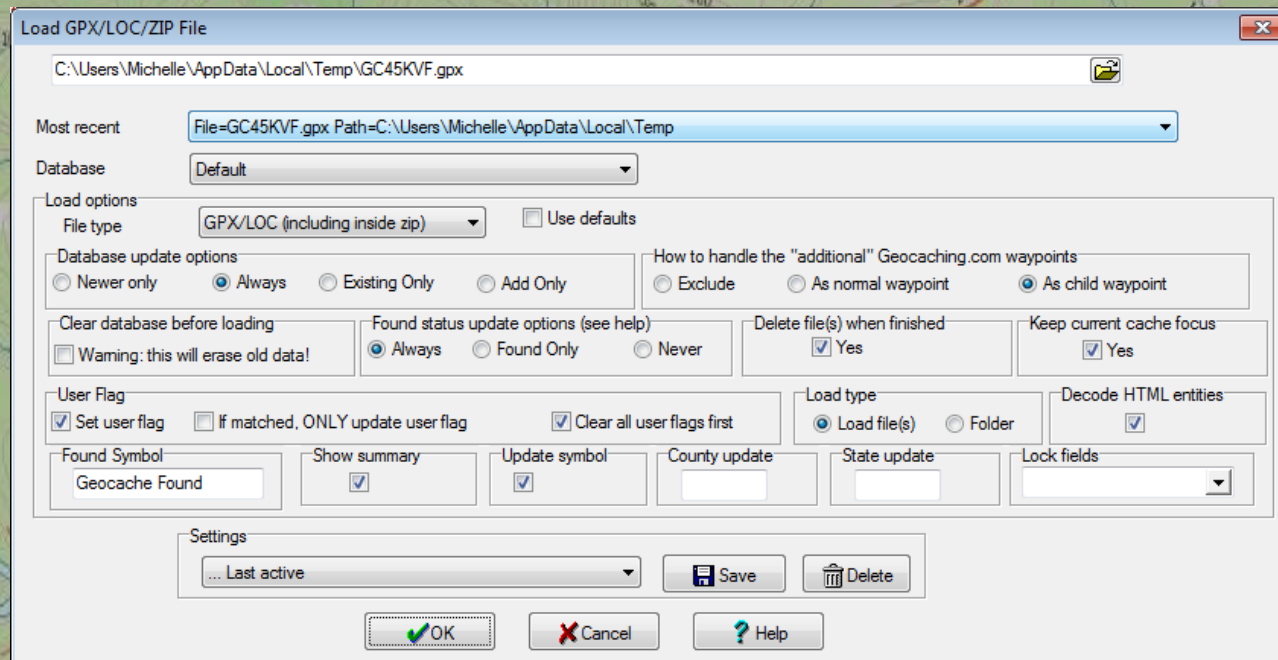
The simplest way to import a Geocache is click on the GPX File button on the cache page.





Click OK to open this geocache with GSAK and import into your new database

This box will pop up.
These setting should be the default.



Congratulations, you just added a cache

The screenshot shows the GSAK 8.1.1.22 software interface. The top menu bar includes File, Search, User, Flags, View, Centre Point, Waypoint, Database, GPS, Macro, Tools, Geocaching.com access, and Help. Below the menu is a toolbar with various icons. The main window displays a list of waypoints with columns for Code, L4, Brg, Knc, Cnt, Ten, Waypoint Name, Owner Name, Container, Latitude, Longitude, Last Log, Fa., Placed, Logs, Found by me, Last GPX, State, and Elev. The selected waypoint is GC4DQ4H, I.C.C - 101, owned by I.C.C., located at 534° 24.129 E 150° 53.708, with a last log on 15/06/2013 and 12 logs in total.

Below the list, the detailed view of the cache is shown. It includes the cache name GC4DQ4H I.C.C - 101, type Event, size Not chosen, difficulty 1.0, terrain 1.0, and status Available. The coordinates are 534° 24.129 E 150° 53.708 UTM 56H E 306525 N 6191245. The event description welcomes geocachers and provides information about the afternoon's activities, including a sharing of knowledge, a presentation of the GSAK software, and a chance to win prizes. The event will commence at 2:00pm and run for approximately 3 hours.

The right side of the interface shows a map of the area around the cache, with a red pin indicating the location. The map includes labels for Mount Gully, Fairy Meadow, and the Illawarra River. The GSAK logo is visible in the bottom right corner of the map area.

If you can't see the cache details press F2 or View => Split Screen

Pocket Query Types

- Individual GPX – single cache, on-demand
- Standard PQ – caches in a wide area, scheduled
- Bookmark PQ – user-defined set of caches, scheduled
- User Route PQ – caches within a user defined corridor, scheduled
- My Finds PQ – all your found caches, on-demand

	Individual GPX	Standard PQ	Bookmark PQ	User Route PQ	My Finds PQ
Cache Limit	1	500 / 1000	500 / 1000	500 / 1000	No limit
Archived Included	Yes	No	Yes	No	Yes
Number of Logs	20 + own	5 + own	5 + own	5 + own	Only own
Minimum Interval	Unlimited	5 per day (24 hour basis)			3 days
Saved PQs	N/A	Up To 40			N/A

Uploading from Pocket Query

www.geocaching.com/pocket

[Create a new Query](#) [Find Caches Along a Route](#) [How to Create a Pocket Query](#)

Active Pocket Queries

Pocket Queries Ready for Download (34)

Server Time: Monday, June 17, 2013 5:21:15 AM

<input type="checkbox"/>		Preview	Name	Copy	Su	Mo	Tu	We	Th	Fr	Sa	Last Generated (PST)
<input type="checkbox"/>	1.		(1000) ACT1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13/06/2013 02:32:00
<input type="checkbox"/>	2.		(1000) ACT2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13/06/2013 02:37:11
<input type="checkbox"/>	3.		(1000) ACT3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	14/06/2013 00:36:13
<input type="checkbox"/>	4.		(500) My caches		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27/05/2013 00:00:58
<input type="checkbox"/>	5.		(1000) NSW1		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17/06/2013 02:11:10
<input type="checkbox"/>	6.		(1000) NSW10		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17/06/2013 01:59:15
<input type="checkbox"/>	7.		(1000) NSW2		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17/06/2013 02:08:18
<input type="checkbox"/>	8.		(1000) NSW3		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17/06/2013 02:08:17













I won't go into how to create a PQ as there is an instruction video on the pocket query page. Once you have set up a few PQ's, your page will look like this. There is a really efficient way to set up your PQ's here. <http://geocaching.com.au/stats/range> Once the PQ has been created and run you can click on the PQ Ready for Download tab.



Active Pocket Queries

Pocket Queries Ready for Download (34)

Server Time: Monday, June 17, 2013 5:21:15 AM

<input type="checkbox"/>		Name	File Size	Waypoints	Last Generated (PST)
<input type="checkbox"/>	1.	 QLD5	1.03 MB	984	11/06/2013 (last day available)
<input type="checkbox"/>	2.	 QLD4	1.09 MB	979	11/06/2013 (last day available)
<input type="checkbox"/>	3.	 QLD3	1.2 MB	985	11/06/2013 (last day available)
<input type="checkbox"/>	4.	 QLD2	1.27 MB	988	11/06/2013 (last day available)
<input type="checkbox"/>	5.	 QLD1	1.27 MB	1000	11/06/2013 (last day available)
<input type="checkbox"/>	6.	 QLD6	1.45 MB	986	12/06/2013 (1 days remaining)
<input type="checkbox"/>	7.	 QLD7	1.02 MB	980	12/06/2013 (1 days remaining)
<input type="checkbox"/>	8.	 SA1	1.09 MB	996	12/06/2013 (1 days remaining)
<input type="checkbox"/>	9.	 SA2	1.21 MB	996	12/06/2013 (1 days remaining)
<input type="checkbox"/>	10.	 SA3	1.11 MB	992	12/06/2013 (1 days remaining)
<input type="checkbox"/>	11.	 SA10	594.99 KB	651	13/06/2013 (2 days remaining)
<input type="checkbox"/>	12.	 SA9	1.13 MB	974	13/06/2013 (2 days remaining)

Click on the PQ you wish to download. Open it the same as a single GPX file. Once complete a summary screen may appear. NOTE: Archived caches do not appear in PQ's

Load Summary	
Totals	
Waypoints loaded	991
New waypoints added to GSAK	991
Additional child waypoints added	213
Show full change log	
Waypoints in each file	
4704226.gpx (NSW4-18-Oct-09 to 08-Sep-10)	991
4704226-wpts.gpx (children)	213
New waypoints added	
GC16NBJ Among the Grooves by vra, Traditional Cache (2.5/1.5)	
GC1GMZZ Bonnie Brae Bucket Cache by Gigglygecko Clan, Traditional Cache (1/1.5)	
OK	

Using the API

GSAK 8.2.0.11 Database: All caches (Registered to: David Bere)

File Search User Flags View Centre Point Waypoint Database GPS Macro Tools Geocaching.com access Help

Lock First Code Search Column ☐ Name Search Split screen Full display

Code	L4	Brg	Diff	Tern	Kms	Waypoint Name
GC4DQ4H		N	1.0	1.0	0.00	ICC - 101
GC4CGHJ		N	1.5	1.5	23.14	Blaumilchkanal AUS-001
GC4CY3P		N	1.5	1.5	27.96	Blaumilchkanal AUS-003
GC3PKA3		N	1.5	2.0	29.23	O'Hares Creek vistas...
GC48TK8		N	1.0	1.0	30.26	Gilligans island
GC4794R		NW	2.5	1.0	31.42	bargo oval
GC2JANG		NW	3.5	3.0	31.92	To Maldon and Beyond!!
GC3HZNA		N	1.5	1.5	32.70	On The Way To
GC33XR8		N	3.0	4.0	33.15	Void Mk2
GC4224W		N	3.5	1.5	33.22	Another Urban Cache # 3
GC323T8		NW	1.5	1.5	33.39	"TO BE CONTINUED"
GC15ZGH		NE	2.5	3.5	33.41	On The Wings of an Eagle

Subset: Filter 46345 Shown (out of 62636) 74.0%

Geocaching.com access menu:

- Get geocaches...
- Refresh cache data...
- Download pocket queries...
- Get recent logs...
- Status check...
- Favorite points
- Update user information...
- Publish logs...
- Add to bookmark list...
- Get available download balance
- Get another access token
- Remove account (from menu only)...

- In the Geocaching.com menu you first need to give GSAK access to your geocaching account. You do this by clicking the Get another access token menu. Follow the steps.
- Get Geocaches – This allows you to search from a point and pull in selected or all geocaches within XX km
- Refresh Geocaches – This will refresh one or all geocaches in your filter / database adding logs, updating available status
- Download Pocket queries – This saves you having to pull your pocket queries one by one and automates the process
- Get Recent Logs – As Pocket queries only pull in the last 5 logs this allows you to pull in up to 999 logs per cache. (limits per hour / day apply)
- Status check – Updates the cache to it's available / disabled / archive status



Using the API (cont)

- Favourite points – allows you to easily add or remove a favourite point to a cache
- Publish Log – This is an offline logging method that pulls in files from supported GPS's and allows you to compose your logs offline, using templates if you like, and then posting them to the server in batches. While composing your log you have full access to previous logs, cache description, and if online, maps

The screenshot displays two overlapping windows from the Geocaching API interface. The background is a topographic map of a hilly area with contour lines and labels like 'Yarramunmun Creek' and 'Duns Cap Road'.

Publish log edit window:

- Edit log** tab is selected.
- Log type:** Sequence, **Sequence:** 3800.
- Log date/time:** 23/02/2013 7:41:37 AM, **Time zone:** +11:00.
- Field notes:** A text area with a checkmark icon and a 'Check' button.
- Tags:** A dropdown menu with the text '* Select a tag to insert at cursor *'.
- Log text / Preview:** A large text area for composing the log.
- Buttons:** OK, Prev, Next, Templates, Trackables, Images, Cancel, Help.
- Options:** 'Encrypt log' checkbox is unchecked.

Cache details window (GC45KVF: HAVOC 101):

- Type:** Event | **Size:** Not chosen | **Difficulty:** 1.5 | **Terrain:** 1.5.
- By:** Marcus Vitruvius @ | **Hidden:** 23/02/2013 | **Status:** Available.
- Country:** Australia | **State:** NSW.
- Coordinates:** S32° 56.458 E151° 42.090 UTM 56H E 378615 N 6354509.
- Last updated:** 22/02/2013 | **Fav points:** 0.
- Map:** A small map showing the location of the cache.
- Driving Directions:** A link to driving directions.
- Logs:** A section showing 20 logs, with 5 and 15 icons indicating log status.
- Log entries:**
 - 21/02/2013 By [shrieking_eels](#): We'll be there
 - 21/02/2013 By [Torian](#): Hi Unless otherwise prevented I intend to attend.
- Description:** Welcome to the HAVOC 101 geocaching event to be held at the Kotara Bowling Club, Kotara! The HAVOC 101 event is a chance for all geocachers both new and experienced, young and old, to come along and share some stories, learn a few tip and tricks, and generally have a good time.

Bottom status bar:

- Event summary:** The event will commence at 11:00 am, and will continue into the afternoon.
- Log list:**

Log ID	Log Description	Size	Count	Remaining
8.	QLD1- 17-Oct-00 to 01-Jun-07	1.24 MB	995	17 Feb 13 (1 days remaining)
9.	QLD2- 02-Jun-07 to 29-Dec-08	1.24 MB	996	17 Feb 13 (1 days remaining)
10.	QLD3- 30-Dec-08 to 15-May-10	1.2 MB	989	17 Feb 13 (1 days remaining)

PQ's via the API

Download Pocket Queries

Basic | Advanced

<input checked="" type="checkbox"/>	Name	Date/Time	Bytes	Records	Days left
<input checked="" type="checkbox"/>	NSW 1	2013-06-17T02:11:10	1392805	997	5
<input checked="" type="checkbox"/>	NSW 3	2013-06-17T02:08:17	1295657	1000	5
<input checked="" type="checkbox"/>	NSW 10	2013-06-17T01:59:15	876237	765	5
<input checked="" type="checkbox"/>	NSW 2	2013-06-17T02:08:18	1370290	1000	5
<input checked="" type="checkbox"/>	NSW 4	2013-06-17T02:08:17	1332748	997	5
<input checked="" type="checkbox"/>	NSW 5	2013-06-16T00:23:08	1250577	990	4
<input checked="" type="checkbox"/>	NSW 9	2013-06-16T01:22:17	1155360	1000	4
<input checked="" type="checkbox"/>	NSW 8	2013-06-16T01:22:18	976795	1000	4
<input checked="" type="checkbox"/>	NSW 6	2013-06-16T00:22:11	1200050	996	4
<input checked="" type="checkbox"/>	NSW 7	2013-06-16T00:23:08	1194509	981	4
<input checked="" type="checkbox"/>	SA 8	2013-06-15T00:10:22	1112539	985	3
<input checked="" type="checkbox"/>	VIC 11	2013-06-15T00:34:56	221992	236	3

☐ Match case

PQ download folder: D:\gpx

☒ Run GPX load after download

Settings: download gpx

This allows downloading of multiple PQ's at a time and then loading into your database.



Center Point

GSAK 8.2.0.11 Database: All caches (Registered to: David Bere)

File Search User Flags View Centre Point Waypoint Database GPS Macro Tools Geocaching.com access Help

Home
Current Waypoint
Post Code...
Locations...
Show Current on GoogleMaps
Get from GPSr (Garmin mode)
Get from GPSr (NMEA mode)
Get from GPSr (Delorme Earthmate)
Add current as waypoint
Enter manually...

Look First Code Search Column

Code	L4	Brg	Latitude	Longitude	Kms	Placed By	Last Found	Placed	Last GPK	Container	Fav Points	State	Logs	Elevation	Found by me
GC3TE06		N	S35° 18.198	E149° 10.831	0.00	ausseangel	19/05/13	8/08/12	30/05/13	Regular	0	ACT	26	0.0M	
GC20GJV		NW	S35° 18.106	E149° 10.684	0.28	Tarkengine	12/11/12	1/11/09	30/05/13	Micro	0	ACT	11	0.0M	
GCCHKCK		N	S35° 17.912	E149° 10.725	0.55	gedaware	5/05/13	29/01/04	30/05/13	Not chosen	0	ACT	13	0.0M	7/09/07
GC2P2EJ		W	S35° 18.152	E149° 10.389	0.67	Tarkengine	7/02/13	20/02/11	12/04/13	Micro	0	ACT	10	0.0M	
GC3EZ2N		NE	S35° 17.958	E149° 11.362	0.92	The Notoriously Gay Dur	8/05/13	20/03/12	30/05/13	Micro	0	ACT	17	0.0M	
GC2Z2JP		W	S35° 18.195	E149° 10.191	0.97	Tealby	29/03/13	28/10/06	30/05/13	Small	0	ACT	13	0.0M	1/02/08
GC40W6F		SE	S35° 18.592	E149° 11.249	0.97	VikingOly	27/05/13	5/11/12	30/05/13	Small	0	ACT	30	0.0M	
GC3F008		NE	S35° 17.818	E149° 11.333	1.04	The Notoriously Gay Dur	26/05/13	20/03/12	30/05/13	Micro	0	ACT	21	0.0M	
GC45D40		SE	S35° 18.615	E149° 11.503	1.28	VikingOly	27/05/13	3/02/13	30/05/13	Small	0	ACT	30	0.0M	
GC3P7GD		SE	S35° 18.776	E149° 11.449	1.42	VikingOly	26/05/13	24/06/12	30/05/13	Micro	0	ACT	22	0.0M	
GCCE2D		W	S35° 17.916	E149° 09.936	1.45	Tarkengine	7/10/12	2/02/03	30/05/13	Micro	0	ACT	11	0.0M	
GC411M1		NE	S35° 17.533	E149° 11.498	1.59	VikingOly	30/04/13	9/11/12	30/05/13	Small	0	ACT	19	0.0M	
GC26VA2		SE	S35° 18.960	E149° 11.340	1.61	Puddle_Jumpers-PJ's	18/04/13	16/04/10	30/05/13	Micro	0	ACT	16	0.0M	
GC29RP		NW	S35° 17.786	E149° 09.827	1.70	Eynowd	23/05/13	10/11/06	30/05/13	Small	0	ACT	13	0.0M	
GC1CX41		W	S35° 18.189	E149° 09.702	1.71	Tealby	12/04/13	8/08/08	30/05/13	Regular	0	ACT	12	0.0M	
GC480YX		SE	S35° 18.956	E149° 11.504	1.73	VikingOly	26/05/13	19/03/13	30/05/13	Small	0	ACT	16	0.0M	
GC1DVBM		N	S35° 17.269	E149° 10.596	1.76	Forest	12/05/13	4/07/08	30/05/13	Small	0	ACT	16	0.0M	
GC1GN00		SE	S35° 18.757	E149° 11.882	1.90	Gigglygecko Clan	28/07/12	26/09/08	12/04/13	Micro	0	ACT	11	0.0M	1/03/09
GC2P2DG		S	S35° 19.225	E149° 11.040	1.93	Tarkengine	19/08/12	20/02/11	30/05/13	Small	0	ACT	11	0.0M	
GC1CX9M		SW	S35° 18.806	E149° 09.739	2.00	Tealby	27/04/13	8/08/08	30/05/13	Regular	0	ACT	12	0.0M	
GC2DRE8		W	S35° 17.848	E149° 09.560	2.03	JakLeonard (adopted by	12/05/13	21/08/10	30/05/13	Small	0	ACT	15	0.0M	24/09/11
GC3BKAP		W	S35° 17.923	E149° 09.488	2.09	Tarkengine	12/05/13	28/01/12	30/05/13	Micro	0	ACT	12	0.0M	
GC3PK8T		S	S35° 19.342	E149° 10.780	2.12	Awesome Princess	4/05/13	30/06/12	30/05/13	Micro	0	ACT	25	0.0M	
GC3QODK		NW	S35° 17.438	E149° 09.717	2.20	xo28	2/05/13	7/07/12	12/04/13	Regular	0	ACT	13	0.0M	
GC1DHPX		S	S35° 19.360	E149° 10.447	2.23	oceau and oceau01	2/11/12	25/06/08	8/03/13	Micro	0	ACT	11	0.0M	1/03/09

Subset: Filter 52350 Shown (out of 62635) 83.6% Centre point = locations Counts: 5946 46346 2317 52

- Multiple locations can be defined and selected from dropdown list
- Can be set based on post code or manually entered Lat/Lon
- Can be set to current physical location by a connected GPSr
- Distance column computed based on Center Point



Sorting

GSAK 7.7.3.49 DataBase: Cache

File Search User Flags View Centre Point Waypoint Database GPS Macro Tools Help

Lock First Code Search Name Search Split screen format Select a saved filter Database Locations Views

Column Column Full display NONE Cache I-75 & SR70 Cache

Code	Waypoint Name	Owner Name	Container	Terr	Miles	Brg	Placed	Changed	Last Log	Last Found	DNF Date	Found by me	Utr	Usort	Logs
GCHX5H	COMBAT!	Gator Man	Regular	4.5	4.5	153.15	E	03/12/04	09/07/09	03/28/09	03/26/09				111
GC28MCD	JP1			4.5	5.0										36
GC18CHM				5.0	1.0							05/10/08		867	82
GC16MA0	#015 - Lorraine - Parlez-Vous Français?	Pfadfinder_FL	Other	5.0	1.0	3.92	E	09/26/08	12/22/10	12/18/10	12/18/10			1715	30
GC16MK9	#016 - "Bite me, and Bite me, It's fun!"	Pfadfinder_FL	Other	5.0	1.0	4.07	S	09/26/08	03/11/10	11/20/09					4
GC1WJND	BULLSEYE	Pfadfinder_FL	Not chosen	5.0	1.0	1.26	W	07/30/09	02/19/10	11/20/09	09/03/09				7
GCJG5Q	memorial lake	joesaz	Micro	5.0	1.0	153.17	E	05/20/04	12/11/09	12/07/09	12/07/09			1654	21
GC1WZTQ	Number Of The Beast	jim32809	Not chosen	5.0	1.0	97.16	NE	08/08/09	10/12/10	10/03/10	10/03/10				19
GC23VCB	Grape Stained Soles	infiniteMPG	Micro	5.0	1.5	3.61	S	02/10/10	12/08/10	10/30/10	10/30/10			1703	9
GC293BJ	'57 Classic	infiniteMPG	Micro	5.0	1.5	2.60	W	05/23/10	09/01/10	08/03/10	07/30/10			1900	5
GC11FXQ	Rode Hard and Put Up Wet!	Of Bubba Hide	Micro	5.0	2.0	33.22	NE	03/16/07	06/17/10	02/01/09	02/01/09			1090	46
GC1QW55	#060 - Jolly Roger	Pfadfinder_FL	Micro	5.0	2.0	10.96	SW	05/02/09	12/31/10	12/30/10	12/30/10			1372	34
GC1VE2P	#062 - "If Mario Kart Was Real".....	Pfadfinder_FL	Micro	5.0	2.0	0.00	S	07/04/09	03/11/10	11/20/09					2
GC1R02G	"CREW's" Hidden Secret	Lehigh Mafia	Other	5.0	2.5	87.37	SE	05/09/09	06/17/10	05/17/09	05/17/09			1292	23
GC1VF3G	#061 - Where did the Sasquatch go ???	Pfadfinder_FL	Regular	5.0	2.5	1.80	S	07/04/09	03/11/10	11/20/09					2
GC25NP7	"10 years! South Ft. Myers, Florida"	Blue Diamonds	Not chosen	5.0	4.0	80.33	SE	05/01/10	06/07/10	05/09/10	05/05/10				38
GCT75R	Nowhere In Sight	infiniteMPG	Regular	5.0	4.5	11.16	NE	01/28/06	01/19/11	01/15/11	01/15/11			373	56
GCJ13X			Micro	5.0	5.0	5.38	NW	04/20/06	08/31/10	05/16/09	02/03/08	07/10/06	07/15/06		71
GC1NWX			Small	5.0	5.0	1.60	SW	03/11/09	10/27/10	10/26/10	09/19/09				16
GC2B3MQ	T.O.G.G.A. does Econfin	LionsLair	Not chosen	5.0	5.0	278.76	NW	08/07/10	08/13/10	08/11/10	08/07/10				12

Subs None 3145 Shown (all waypoints) Centre point = I-75 & SR70 Counts: 2065 1070 938 10

order by Difficulty, Terrain

Click on column header to sort, click again to reverse the sort order

Previous sort column becomes secondary sort column

Hover mouse pointer here to view primary, secondary sort order

- String fields sort alphabetically (not case-sensitive)
- String fields can be sorted numerically by using leading zeros
- Date fields sort chronologically (stored internally as YYYY-MM-DD)
- Support for primary and secondary sorting



Child (Additional) Waypoints

GSAX 8.2.0.11 Database: All caches (Registered to: David Bere)

File Search User Flags View Centre Point Waypoint Database GPS Macro Tools Geocaching.com access Help

Look First Code Search Name Search Split screen format Select a saved filter Database Locations Views

Column I < < < > > > Full display None All caches .Not active Default

Code	L4	Br	Diff	Term	Kms	Waypoint Name	Latitude	Longitude
GC12T4Z		SE	1.0	1.0	2.57	WWFM VI - Footy season is over :(34° 25.915	E150° 5
GC45ZR5		N	2.0	1.5	2.58	Wollongong Suburbs - Towradg	34° 22.801	E150° 5
GC255FH		S	1.0	1.0	2.58	WWFM VII - We like Red!	34° 25.522	E150° 53.758
GC1YVE1		NE	2.5	1.5	2.59	Muggle Mania	34° 23.109	E150° 5
GC45Y4M		N	1.5	2.0	2.60	Hogwart's Express 5972	34° 22.786	E150° 5
GC14608		SE	2.0	3.5	2.60	Nun of this	34° 25.320	E150° 5
GC2P0UV		N	2.0	2.5	2.63	MAD DOG !!!	34° 22.708	E150° 5
GC434GF		S	2.5	1.0	2.63	Music Memories - The Harp	34° 25.526	E150° 5
GC3YFBH		S	3.0	1.5	2.63	We Love the Gong	34° 25.540	E150° 5
GC4ATD7		NE	1.5	1.5	2.66	m mittens 1st	34° 22.967	E150° 5
GCVHP3		NE	2.0	2.0	2.68	on the way to soccer	34° 22.850	E150° 5
GCWDDV		S	2.0	1.0	2.70	The Photo Album	34° 25.577	E150° 5
GC1EEY9		W	1.0	3.0	2.72	Ausburn's Vista	34° 24.286	E150° 5
GC11G8P		S	2.0	2.0	2.72	Old School	34° 24.286	E150° 5
GCX35Z		S	2.5	1.0	2.74	Which level?	34° 24.286	E150° 5
GC434FH		S	2.5	2.0	2.76	Music Memories -	34° 24.286	E150° 5
GC45ZRC		N	2.0	1.5	2.76	Wollongong Subu	34° 24.286	E150° 5
GC434G3		S	2.0	1.5	2.77	Music Memories -	34° 24.286	E150° 5
GC22NM40		SW	1.5	1.5	2.77	Old Rosemont	34° 24.286	E150° 5
GCY360		S	2.5	1.0	2.80	Mini Memories	34° 24.286	E150° 5
GC4RW40		NE	1.5	1.5	2.82	1 million dollars	34° 24.286	E150° 5
GC35CCJ		SW	1.0	1.5	2.82	fluffyfish's farewell	34° 24.286	E150° 5
GCWV42		NW	3.5	2.0	2.85	Fresh Flood	34° 24.286	E150° 5
GC404YV		NE	2.0	1.0	2.86	Drunk Sailo	34° 24.286	E150° 5
GC2M92F		N	2.0	1.0	2.88	The Old Mine Ro	34° 24.286	E150° 5
GCWDDJ		S	3.0	1.0	2.89	Madam Lady Bee	34° 24.286	E150° 5
GC1YVDR		SW	3.0	1.5	2.91	D. Figgy between	34° 24.286	E150° 5
GC1GY2								
GC45B3B								
GC45ZRB								
GC18QH4		S	1.0	1.0	3.01	The Resting Plon	34° 24.286	E150° 53.805
GC4ATG0		S	1.5	1.0	3.02	Come and Smell t	34° 24.286	E150° 53.806
GC1EVPP		SW	4.0	2.0	3.02	Loco Logic	34° 24.286	E150° 52.117
GC2R4RA		N	2.0	2.5	3.07	The Big Red Wh	34° 24.286	E150° 53.716
GC1AZEX		N	2.0	1.5	3.07	The Winder	34° 24.286	E150° 53.714

Right click on cache, then select child waypoints to open dialog box

Child Waypoints

Total children: 2

Code	Flag	Type	Name	Date	Latitude	Longitude	By User
BT1EEY9		Trailhead	Bottom of Ken Ausburn track	22/07/08	S34° 24.426	E150° 52.313	
TP1EEY9		Trailhead	Top of Ken Ausburn Track	22/07/08	S34° 24.327	E150° 51.657	

Flag

Clear all Set all

Set by type

Set type Parking Area

Type color if ByUser

Clear all Set all

+ Add Edit Delete Center Exit Help

Child Waypoint Types

Final Location

Parking Area

Question to Answer

Stages of a Multicache

Trailhead

Reference Point

- Published by cache owner or defined by user
- Sent to GPSr for navigation (optional)
- Some macros will display on map (optional)
- Listed in Split Screen

Corrected Coordinates

GSAK 7.7.3.50 DataBase: Cache

File Search User Flags View Centre Point Waypoint Database GPS Macro Tools Help

Lock First Code Search Column

Waypoint Name

GC166X2 Perico Bayou

GC1JF2P Awesome Oak in Nov

GC10AXC Another Nowhere roa

GC1B72K Further down the roa

GC1H... Hunter's Point

GC1E... Hunter's Point

GC1M... Hunter's Point

GC183WQ Straight Into the Coun

GCVMTH No Hair in Nowhere

GC1TD88 Hunter's Point

GC1EEEN Welcome to Robinson

GC145VC Irish Eyes, Too?

GC1ME8P Legacy Trail: Train

GC2JPE9 Crab Cakes

GC10AM8 Somewhere In Nov

GC210CT HHMI - Cattle Gap

GC2JPF4 Cortez Maritime Muse

GC275JW Sheephead Paradise

GCYE49 My Way or the Sky

GCVKDK Don't Get Trapped in

Subset: None

Corrected Coordinates

GC1TD88 Hunter's Point

Corrected coordinates (datum must be WGS 84)

Lat/Lon: N 27° 27.957 W 82° 40.768

State: FL

County: Manatee

Degrees: 27.46595 -82.679467
Minutes: N 27° 27.957 W 82° 40.768
Seconds: N 27° 27' 57.42" W 82° 40' 46.08"
UTM: 17R E 334050 N 3039167
Distance from original: 0.128miles SE

Coordinates from last GPX load on 11/25/10

Degrees: 27.467583 -82.680467
Minutes: N 27° 28.055 W 82° 40.828
Seconds: N 27° 28' 3.30" W 82° 40' 49.68"
UTM: 17R E 333954 N 3039349
State: FL
County: Manatee

Save Delete Cancel Help

base Locations Views
Cache I-75 & SR70 Cache

Miles	Brg	Placed	Changed	Last Log	Last Found	DNF Date	Found by me	ftf	Uso	Logs
13.45	W	09/24/07	01/13/11	01/12/11	01/12/11		09/29/07	✓	620	107
13.46	NE						11/23/08	✓	994	19
13.47	NE						03/17/07	✓	407	13
13.47	NE						04/14/08	✓	853	7
13.47	W	10/27/08	11/29/10	11/28/10	11/28/10	11/12/08	11/21/08	✓	985	65
13.55	W	07/19/08	07/28/08	07/22/08				✓		4
13.55	S						03/22/09	✓	1167	120
13.57	N						01/06/08	✓	721	95
13.58	NE						01/09/07	✓	367	23
13.60	W	06/07/09	11/25/10	11/25/10	10/07/10		09/06/09	✓	1408	34
13.61	NW	07/22/08	01/20/11	01/11/11	01/11/11		10/12/08	✓	952	133
13.62	W	07/06/07	01/19/11	01/16/11	01/16/11		09/16/07	✓	611	140
13.67	S	02/06/09	01/19/11	01/18/11	01/18/11			✓		45
13.68	W	11/24/10	01/09/11	01/08/11	01/08/11		11/30/10	✓	2048	8
13.69	NE							✓		22
13.70	N					1/20/09	11/26/09	✓	1576	54
13.70	W						11/30/10	✓	2046	15
13.71	S	04/20/10	12/29/10	12/28/10	12/26/10			✓		91
13.73	NW	09/20/06	01/08/11	01/06/11	07/12/10		04/14/07	✓	462	143
13.74	NE	04/22/06	01/19/11	01/15/11	01/15/11		01/09/07	✓	372	27

Centre point = I-75 & SR70

Counts: 2066 1072 938 10

- Corrected coordinates override, not replace, original coordinates
- Are treated like the originals ones (e.g. when downloading to GPSr)
- Are not overwritten on PQ load, and revert to original when deleted
- Often used for solved puzzles and final location of multis



Filters


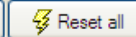
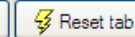




Click on the magnifying glass  or Search => Filter (Ctrl + F)

Set Filter Centre point = I.C.C - 101

General | Dates | **Other** | Logs | Arc/Poly | Children | **Attributes** | Where | Custom

Caches that have: ☒ ALL the following attributes ☐ ANY of the following attributes

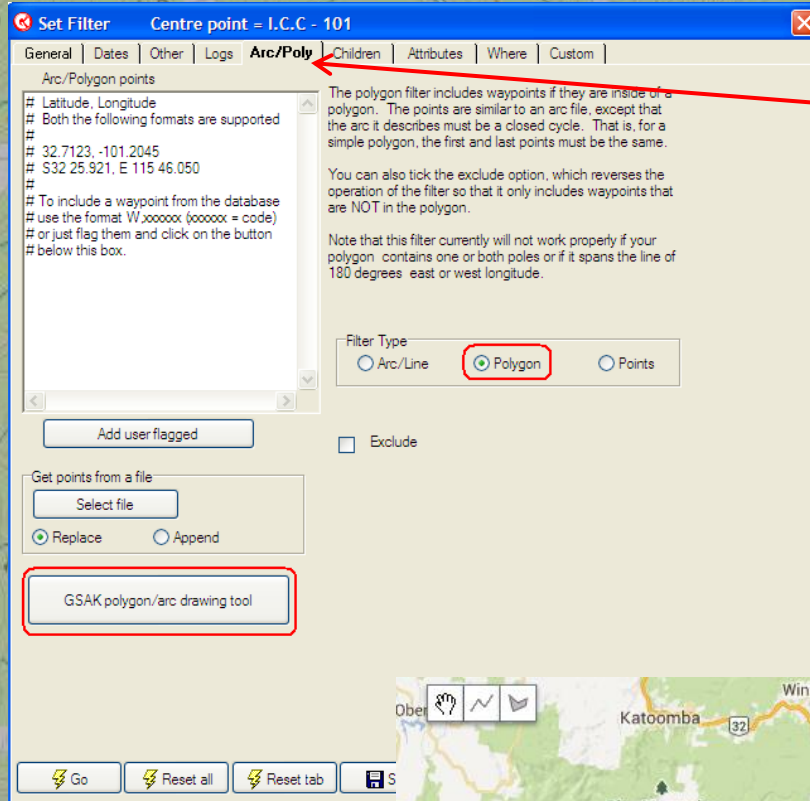
	Yes	No	None		Yes	No	None
Abandoned Structure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Off-road vehicles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Abandoned mines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Park and Grab	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access or parking fee	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Parking available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Available at all times	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Partnership cache	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Available during winter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Picnic tables nearby	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bicycles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Poison plants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Public restrooms nearby	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Campfires	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Public transportation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Camping available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quads	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cliff / falling rocks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recommended at night	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Climbing gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recommended for kids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cross Country Skis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Scenic view	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dangerous Animals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Scuba gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dangerous area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Seasonal Access	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Difficult climbing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Short hike (less than 1km)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dogs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Significant hike	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drinking water nearby	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Snowmobiles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Field Puzzle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Snowshoes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flashlight required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Special Tool Required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Food Nearby	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stealth required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Front Yard (Private Residence)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stroller accessible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel Nearby	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Takes less than an hour	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Horses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Teamwork Required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Telephone nearby	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Long Hike (+10km)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Thorns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lost And Found Tour	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ticks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
May require swimming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tourist Friendly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
May require wading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tree Climbing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Medium hike (1km-10km)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Truck Driver/RV	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Motorcycles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UV Light Required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Needs maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Watch for livestock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Night Cache	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wheelchair accessible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				Wireless Beacon	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Arc / Polygon Filters

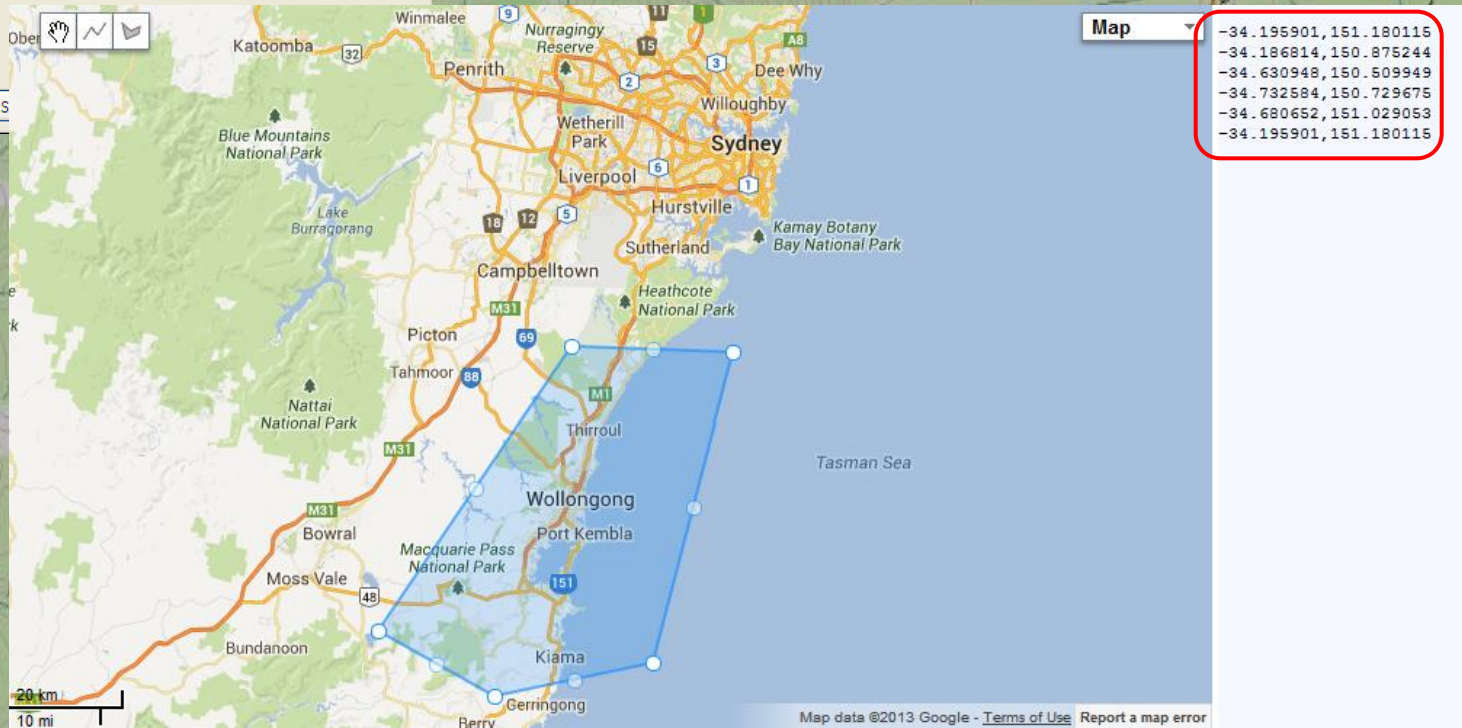
- Allows you to draw an area on a map to include or exclude
- Draw a line along a road and select a distance either side of the line to include
- Select points and have GSAK return caches within 5km





Click the GSAK polygon/Arc Drawing Tool button

- Click on the polygon button (third button highlighted)
- Draw your polygon on the map by clicking points, finish it by clicking on the original point
- Click the send to GSAK button
- Your points will be brought back to your filter, just click the GO button or you can set restrictions on other tabs such as not found, not archived, etc.



Sending to GPS

- Send geocaches or waypoints to GPS via GPS tab.
- GPS setup
- Send or receive
- Garmin uses mostly use a macro – GarminExport.gsk

Send Waypoints to GPS (Geocaches = 1523, Waypoints = 414) ✕

Send options for Oregon 550/550t ☐ Use Defaults

Include additional child waypoints
☒ Yes ☐ And ONLY child waypoints (no parents)

Include...
☒ All children ☐ Only flagged ☐ Only unflagged

Name

Maximum geocaches to send
(Leave blank to send all)





Number of logs to include ▼


File name

☒ Clear GPS before sending

Waypoint Type
☒ Geocaches ☐ Waypoints

Settings
... Last active ▼

 Send  GPS Setup  Cancel  Help





GSAK 201 - Advanced

(Geocaching Swiss Army Knife)

by The Rats



Macros

- Coded by GSAK users
- Library of macros
<http://gsak.net/board/MacroIndex.php>
- Very powerful.
- Hundreds of macros submitted by users
- Can combine filters, do the task of many filters, upload to GPS with extra icons
- Many other features
- GSAK forum for code requests



Example of GSAK macro

Macro Code:

```
MFILTER Expression=NOT($d_Found OR $d_Archived OR  
$d_TempDisabled OR IsOwner()) AND $d_Distance<160 AND  
$d_CacheType<>"U"  
MFILTER Expression=$d_CacheType="U" AND  
$d_HasCorrected AND NOT($d_Found OR IsOwner OR  
$d_Archived OR $d_TempDisabled) AND $d_Distance<160  
JOIN=OR
```

- Looks complex but this code does the following.
- Checks to see if the cache is not found, not archived, not disabled, I don't own, less than 160km, Not an Unknown (puzzle) cache
- Then checks for Unknown caches, that have corrected coordinates, not found, I don't own, not archived, not disabled, and is less than 160km and then joins the two.
- This gives me in my GPS only caches that I can actually find. No puzzles that I have not solved.



Macros – Macro Manager

Run Macro

Installed Macros | Other |

[Online Macro Index](#) 1st Search Clear

Double click or press "Enter" on any macro to run it (right click to "edit")

Macros listed: 26

Macro File	Description	Version	Run Count	File Date	Last Run	Author
▶ AddLogs.gsk	Add missing logs to a waypoint	2.31	11	24/11/10 8:37:59 AM	14/06/11 9:45:32 AM	Kai Team & Lignumaqua
AlphabetChallenge2.gsk	Alphabet Challenges - by Cache Name and/or Owner	1.02	2	7/06/13 12:20:38 PM	7/06/13 12:22:39 PM	Bruce Feny (ak8b)
BadgeGen.gsk	Generates badges based on your geocaching accomplish	3.1.25	19	29/03/12 7:46:56 AM	30/03/12 7:09:58 AM	ky.m.guy
BadgeGenBeta.gsk	Generates badges based on your geocaching accomplish	2.2.62	10	7/12/10 12:14:28 PM	9/11/12 8:01:31 AM	ky.m.guy
CacheRoute.gsk	Creates an optimized driving route between Caches	1.1	0	7/06/13 12:23:45 PM		Lignumaqua
CheckMultipleFinds.gsk	Check for caches with multiple finds in FSG Database	1.0	3	21/12/09 7:55:31 AM	9/11/12 8:13:54 AM	Lignumaqua
Elevation.gsk	Elevation technology test	2.0	3	30/03/12 8:56:11 AM	21/05/12 12:52:54 PM	Lignumaqua
FindFTF.gsk	Filter for possible "first to find"	2.11	1	30/03/12 9:05:57 AM	30/03/12 9:05:59 AM	Kai Team
FindStatGen3.gsk	Find Statistics Generator (4.2)	4.2.05	76	26/10/11 6:56:38 AM	12/11/12 7:54:50 AM	lignumaqua
FindStatGen39Beta.gsk	Find Statistics Generator (3.9 Beta)	3.9.10	6	4/05/10 10:38:47 AM	2/06/11 12:17:28 PM	Rutson & Lignumaqua
FindStatGen43Beta.gsk	Find Statistics Generator (4.3)	4.3.02B	10	26/10/11 7:00:26 AM	9/11/12 11:47:25 AM	Rutson & Lignumaqua
FindStatGen44Beta.gsk	Find Statistics Generator (4.4)	4.4.01B	2	9/11/12 12:09:39 PM	9/11/12 12:17:58 PM	Rutson & Lignumaqua
FoundLogCountHTML.gsk	Count all found logs	1.7	1	29/11/10 8:40:04 AM	29/11/10 9:40:45 AM	Kai Team & lignumaqua &
FSGPlugin_FavPointsList.gsk	PSG Plugin - List of placed caches with favorite points	1.06	1	9/11/12 12:17:34 PM	9/11/12 12:17:38 PM	Doblinus
GaminExport.gsk	Universal Gamin GPX Export - Oregon,Colorado,Dakota,	1.3.25	42	14/09/11 1:25:01 PM	6/06/13 1:02:21 PM	SnoWake and lignumaqua
GCSE.gsk	Gamin Custom Symbol Export	3.1	17	20/07/10 9:41:43 AM	25/05/13 8:52:43 PM	KFBBradley
GenUploadStats.gsk	Generate and Upload stats to GC.com	1.49	7	7/05/09 1:28:45 PM	21/04/10 2:10:21 PM	Hulkman
GetAllLogsForUser.gsk	This macro will get all users found logs during a given time	1.05	3	28/05/13 7:34:35 AM	28/05/13 2:05:40 PM	The CEO
Google_Map_V3.gsk	Google Maps V3	2.0	10	22/06/11 12:28:09 PM	19/06/13 12:22:46 PM	Lignumaqua
GoogleEarth.gsk	Show your current filter in Google Earth	1.4	6	5/05/10 11:57:08 AM	19/09/11 8:55:33 AM	clyde
LogCache.gsk	Log cache online using data keyed into GSAK notes (log	1.1	0	26/07/10 1:22:14 PM		clyde
LonelyCaches.gsk	Filter to only show caches where the last found log before	0.2	5	12/02/13 8:51:04 AM	26/03/13 6:50:03 AM	Bany Davies
LonelyFinds.gsk	Locate finds vs months since previous find	1.1	1	12/02/13 8:57:18 AM	12/02/13 8:57:39 AM	Edward Reid / paleolith
myGoogleEarth.gsk.txt	my Google Earth Export	1.7.0	20	2/11/07 1:17:13 PM	23/08/12 9:39:02 AM	Hulmgulm
TagACache.gsk	Tag or color a cache using custom tags	3.1	17	4/09/09 11:48:38 AM	4/09/09 12:49:31 PM	Kai Team
Update_FAV_PMOC_fromGe	Update Favorites and Premium Caches from GeoPT	1.0	1	9/11/12 12:51:35 PM	9/11/12 12:51:40 PM	Idilio Ludovino

3rd
2nd

Run
 New Version?
 Install
 Uninstall
 Resynchronize
 Cancel
 Help



Macros – Install Macro



GSAK FORUM

GSAK Macro Library Index

Macro Download Index Search:

(Click any column head to sort by that column)

RSS Feed

▼ Macro Name	Ver	Author	Date	Description
FizzyBrowser	1.6.5	Cache U Nuts	2011-01-11	Fizzy Challenge Browser macro
FizzyChallenge			2008-01-18	Filter on Diff/Terr combinations and Types you haven't found
FizzyChallenge33			2008-09-18	Filter on Diff/Terr combinations and Types you haven't found
FizzyTest	1.2	Kai Team	2008-02-03	Determine if challenge has been met

Time for query: 0.468 seconds

[Cache U Nuts](#)



Posted: January 10, 2011 12:41 pm

FizzyBrowser - v1.6.5 01/10/2011

v1.6.5 01/10/11 - Updated GC15E8N (MA) cutoff date.

Advanced
■■■■■

Group: Member
Posts: 830
Member No.: 1618
Joined: July 04, 2006

Attached File (Number of downloads: 16)

[FizzyBrowser.gsk](#)

Click

Opening FizzyBrowser.gsk

You have chosen to open



FizzyBrowser.gsk

which is a: GSAK Macro File
from: <http://gsak.net>

What should Firefox do with this file?



Open with

GSAK Geocaching program (default)



Save File



Do this automatically for files like this from now on.

OK

Cancel

« [Next Oldest](#) | [Challenge Macros](#) | [Next Newest](#)



Pages: (2) 1 [2]

Moderation Options

Go

Click then install the macro when prompted



CLOSED

---- Challenge Macros

Macros – Some Very Useful Macros

HTML_GoogleMapsNearestV3
HTML_Google_Map_Elevation
HTML_Logs
HTML_MyLogs

MyGMEv3
Google_Map_V3
CacheRoute

Challenge
FizzyBrowser
LocalCacher

FindStatGen
BadgeGen

Split Screen

Google map showing caches near currently selected cache
Google map with elevation profile of interactively defined path
Lists expandable summary of logs for selected cache
Displays own logs only

Map

Full-featured map output
Google map high-performance map (handles large numbers of caches)
Creates an optimized driving route between caches (limit 25)

Challenge

Maps progress for various DeLorme-style challenges
Shows Found/Unfound candidates for various Fizzy-style challenges
Lists progress for various Know Your Local Cacher-style challenges

Statistics

The ultimate Found Statistics generator
Generates badges for various achievements



Macros – Some Very Useful Macros (cont)

FSGPlugin_CacheMap
FSGPlugin_CachesIAwardedFavoritePoint
FSGPlugin_DTChartWithList
FSGPlugin_FirstCacheByCounty
FSGPlugin_ABC
FSGPlugin_Oldest

LogACache
CacheMateLogging
NuviExport
TomTom
CopyColumnToColumn

FSG Plugins

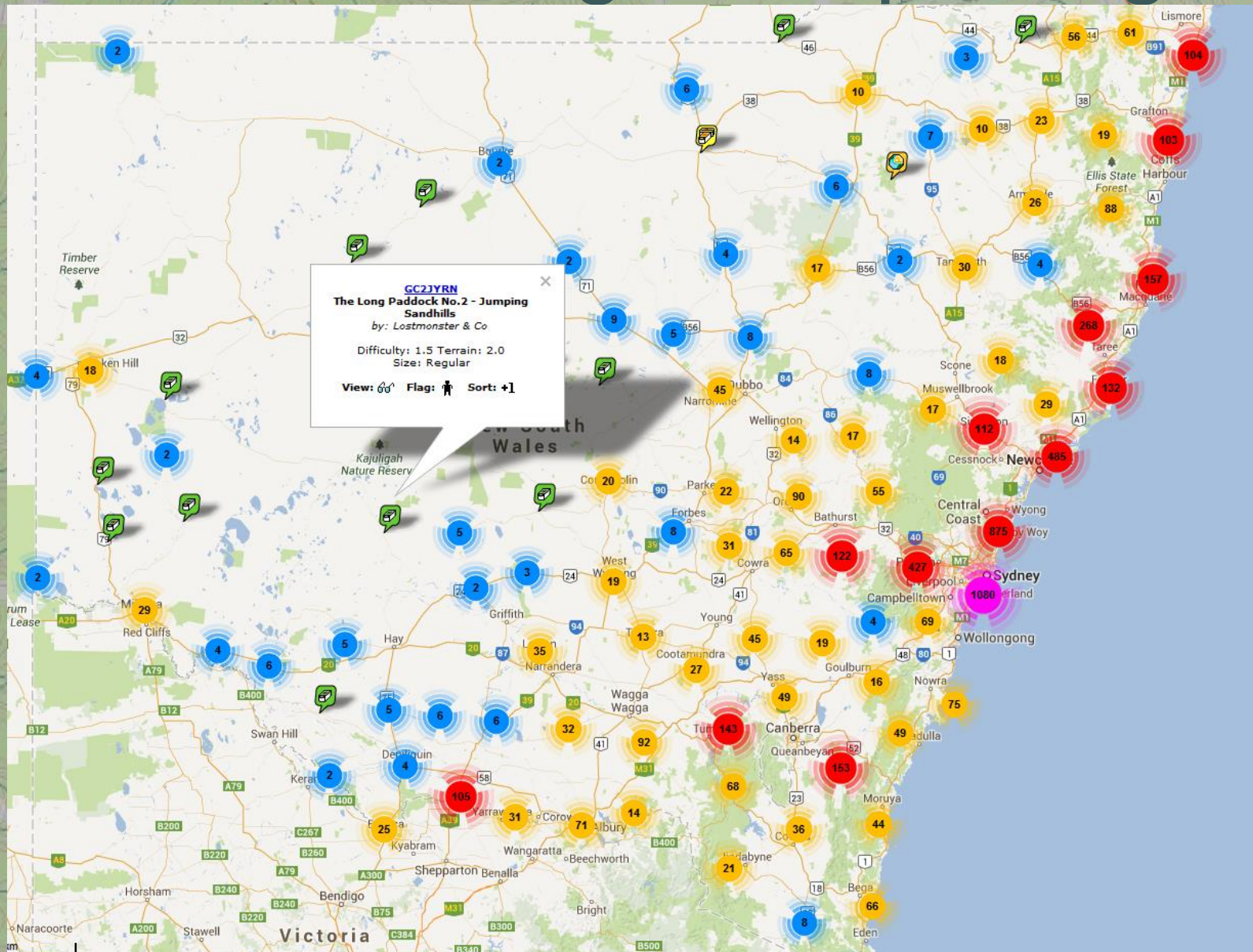
Display a map of found or placed caches
Display caches you awarded a favorite point
Display Diff/Terr chart with ability to show a list of caches
Display the 1st cache you found in every county
Display alphabetical challenge progress
Display 10 oldest caches found

Misc

Enter log online from User Note
CacheMate to GSAK Logging
Basic Nuvi Export for 36xx series (and other models)
Cache and Child Waypoint exporter for TomTom Navigators
Copy data from one GSAK column to another column



Macros – Google_Map_V3.gsk



Publish Logs – Fetch

Publish logs [X]

General options

☐ Automatically apply templates

☒ Show only unpublished

Macro1

Macro2

Fetch from Gpsr/File

☐ Copy field notes to GSAK user notes

☐ Copy field notes to GSAK log section

☐ Ignore logs before... 01/17/12 15

☐ Delete file after fetch

☐ Archive/backup file

Time zone -05:00

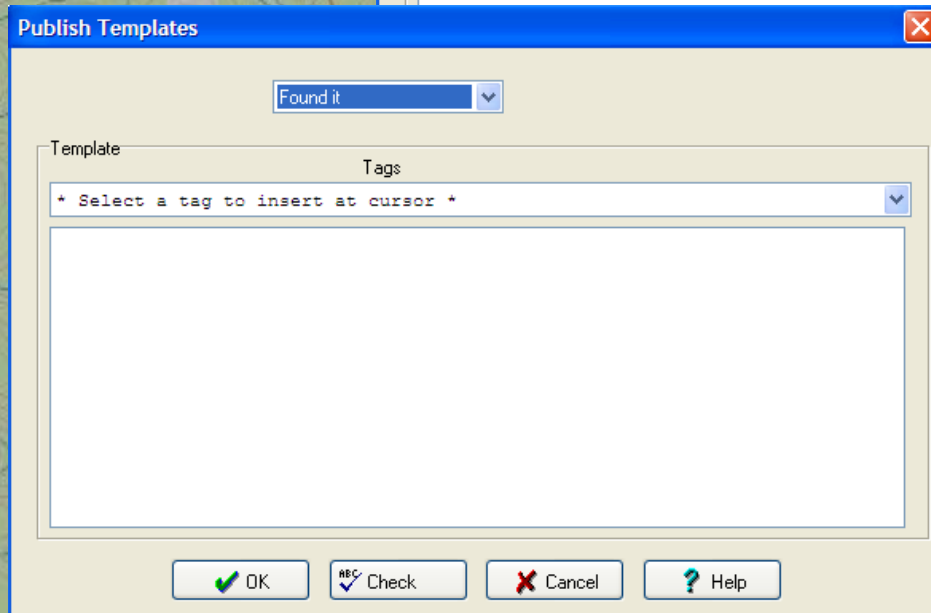
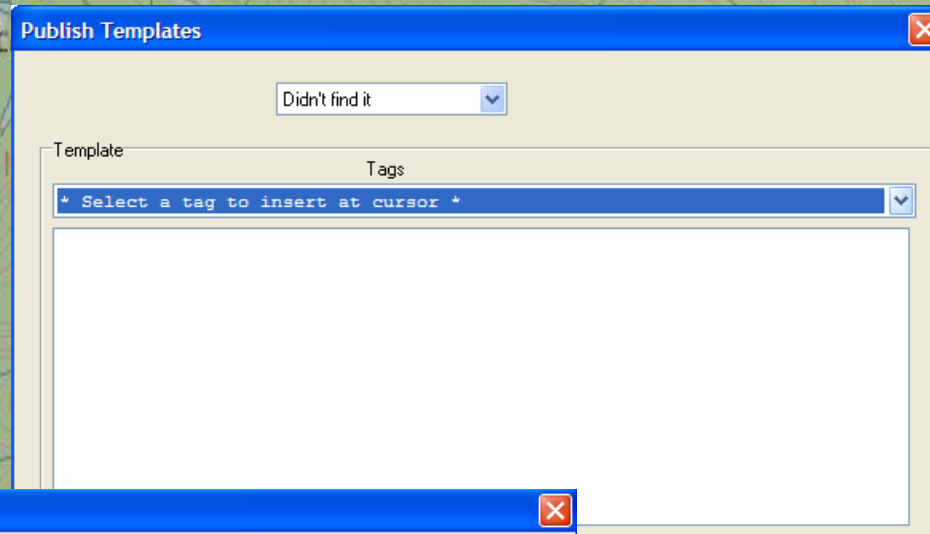
Code	Name	Seq	Log type	Date/Time	Zone	Published
<p>No unpublished logs found</p> <p>To populate the grid with log entries, right mouse click in this area and select "Fetch":</p> <p>From filter - Make sure you have first set a filter of the caches you would like to publish logs for. This option will then populate the grid with these caches</p> <p>From GPSr - This option will attempt to locate your GPSr and import the Geocache_vists.txt or Cachenotes.txt file</p> <p>From file - This option will prompt you for compatible with the standard Geocache_vists</p> <p>Fetch Delete Edit</p> <p>From GPSr From filter From file From current cache</p>						

Find next Find previous Highlight Match case

☒ Publish all ☒ Publish selected Templates Cancel Help

- Enter log text in the User Notes of each cache first before doing the fetch
- If you will be using Fetch From Filter, filter for caches to publish and sort in chronological order before the fetch
- If you will be using Templates, define them first before doing the fetch
- Make sure the Time Zone is set before doing the fetch

Publish Logs – Templates



- Define a template to use for each log type required
- Various tags can be selected from the drop down list to provide commonly used dynamic values
- %Date and %Time allow for a number of different formats (see Help for info)
- %Count tag gets its starting value from GC.com
- %Log tag gets its text from the Log portion of the User Note of the cache (you can use this to include personalized notes for each log)



Publish Logs – Populated Grid

Publish logs

General options

- ☒ Automatically apply templates
- ☒ Show only unpublished

Macro1

Macro2

Fetch from Gpsr/File

- ☐ Copy field notes to GSAK user notes
- ☐ Copy field notes to GSAK log section
- ☐ Ignore logs before...
- ☐ Delete file after fetch
- ☐ Archive/backup file

Time zone

Code	Name	Seq	Log type	Date/Time	Zone	Published
GC2W425	V2V Chapman Oak	4840	Found it	2011-11-18 19:00:00	-05:00	No
GC2W42J	V2V Osprey	4850	Found it	2011-11-18 19:00:00	-05:00	No
GC2W5GJ	V2V Little Peeper	4860	Found it	2011-11-18 19:00:00	-05:00	No
GC2W5H2	V2V One Weird Woodpecker	4870	Found it	2011-11-18 19:00:00	-05:00	No
GC2W5HA	V2V Nicked	4880	Found it	2011-11-18 19:00:00	-05:00	No
GC2W5J0	V2V Away From Home	4890	Found it	2011-11-18 19:00:00	-05:00	No
GC2W5JJ	V2V Going Green	4900	Found it	2011-11-18 19:00:00	-05:00	No
GC2W5J9	V2V Girls Rule Redux	4910	Found it	2011-11-18 19:00:00	-05:00	No
GC2W5RE	V2V Good Neighbors	4920	Found it	2011-11-18 19:00:00	-05:00	No
GC2W5RT	V2V View to the South	4930	Found it	2011-11-18 19:00:00	-05:00	No
GC2WR5W	V2V Live Oak	4940	Found it	2011-11-18 19:00:00	-05:00	No
GC2WW41	V2V Rover's Fav	4950	Found it	2011-11-18 19:00:00	-05:00	No
GC2WW44	V2V It's Really There	4960	Didn't find it	2011-11-18 19:00:00	-05:00	No
GC2WW3X	V2V Snowbird Stopover	4970	Found it	2011-11-18 19:00:00	-05:00	No
GC2W5T8	V2V 60s Dance	4980	Found it	2011-11-18 19:00:00	-05:00	No

☐ Match case


- Seq – Sequence number used only for ordering logs (can be changed to alter fetched order)
- Log type – shown if defined (finds on all events are converted to "Attended" and webcam finds are converted to "Webcam Photo Taken")
- Date/Time – are shown in UMT format
- You can remove caches from the list by selecting them and clicking on the Delete button
- Standard selection is supported

Publish Logs – Edit

Log text tab allows you to edit text and tags

Publish log edit

Edit log |

 **GC37R6V: Paparazzi by Lady Gaga**









Log type: Found it Sequence: 4900 ☐ Add favorite point

Log date/time: 01/21/12 7:00:00 PM


Field notes:

Tags: %Count: Cache Total

Log text | Preview


☒ Check

 Template

☒ OK

Publish log edit

Edit log |




 **GC37R6V: Paparazzi by Lady Gaga**

Log type: Found it Sequence: 4900 ☐ Add favorite point

Log date/time: 01/21/12 7:00:00 PM Time zone: -05:00



Field notes:

Log text | Preview

 01/21/12

[2762] The 4th find out of 8 caches attempted with the kids on our way to the CacheApalooza 6 event. If you like, you can modify the text provided by the template in order to make the log specific to this cache. Thanks John&Jelene for the cache.

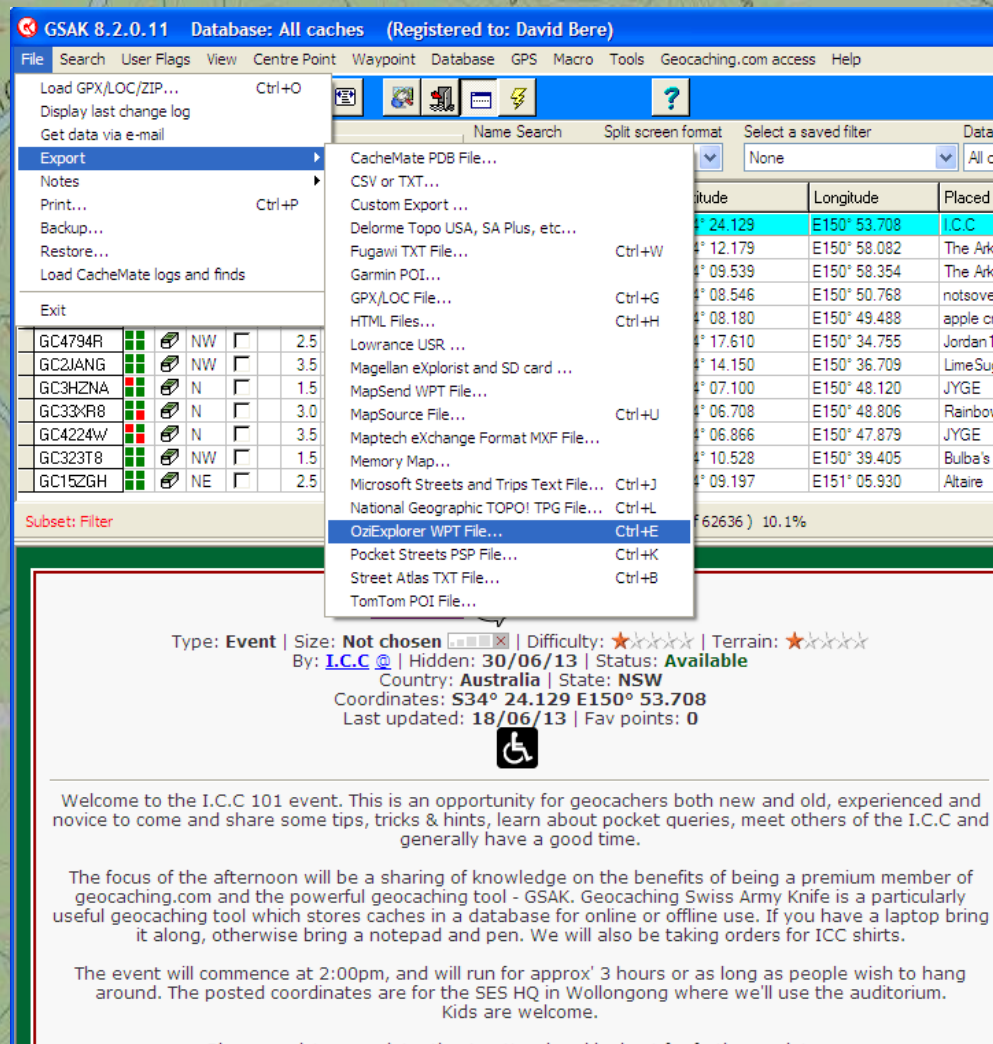
☒ OK  Templates  Trackables  Help

Preview tab replaces tags to see the result



Exporting Data

- Geocache data can be exported in a number of different methods
- Oziexplorer, GPX file, HTML files, POI's



GSAK 8.2.0.11 Database: All caches (Registered to: David Bere)

File Search User Flags View Centre Point Waypoint Database GPS Macro Tools Geocaching.com access Help

Load GPX/LOC/ZIP... Ctrl+O
Display last change log
Get data via e-mail

Export
Notes
Print... Ctrl+P
Backup...
Restore...
Load CacheMate logs and finds

Exit

Name	Search	Split screen format	Select a saved filter	Database
CacheMate PDB File...			None	All caches
CSV or TXT...				
Custom Export ...				
Delorme Topo USA, SA Plus, etc...				
Fugawi TXT File...				
Garmin POI...				
GPX/LOC File...				
HTML Files...				
Lowrance USR ...				
Magellan eXplorist and SD card ...				
MapSend WPT File...				
MapSource File...				
Maptech eXchange Format MXF File...				
Memory Map...				
Microsoft Streets and Trips Text File...				
National Geographic TOPOI TPG File...				
OziExplorer WPT File...				
Pocket Streets PSP File...				
Street Atlas TXT File...				
TomTom POI File...				

Subset: Filter

Cache	Latitude	Longitude	Placed By
GC4794R	34° 24.129	150° 53.708	I.C.C
GC2JANG	34° 12.179	150° 58.082	The Arkar
GC3HZNA	34° 09.539	150° 58.354	The Arkar
GC33XR8	34° 08.546	150° 50.768	notsovery
GC4224W	34° 08.180	150° 49.488	apple crur
GC323T8	34° 17.610	150° 34.755	Jordan10
GC152GH	34° 14.150	150° 36.709	LimeSuga
	34° 07.100	150° 48.120	JYGE
	34° 06.708	150° 48.806	Rainbow
	34° 06.866	150° 47.879	JYGE
	34° 10.528	150° 39.405	Bulba's
	34° 09.197	151° 05.930	Altaira

Type: **Event** | Size: **Not chosen** | Difficulty: ★★★★★ | Terrain: ★★★★★
By: **I.C.C** | Hidden: **30/06/13** | Status: **Available**
Country: **Australia** | State: **NSW**
Coordinates: **S34° 24.129 E150° 53.708**
Last updated: **18/06/13** | Fav points: **0**

Welcome to the I.C.C 101 event. This is an opportunity for geocachers both new and old, experienced and novice to come and share some tips, tricks & hints, learn about pocket queries, meet others of the I.C.C and generally have a good time.

The focus of the afternoon will be a sharing of knowledge on the benefits of being a premium member of geocaching.com and the powerful geocaching tool - GSAK. Geocaching Swiss Army Knife is a particularly useful geocaching tool which stores caches in a database for online or offline use. If you have a laptop bring it along, otherwise bring a notepad and pen. We will also be taking orders for ICC shirts.

The event will commence at 2:00pm, and will run for approx' 3 hours or as long as people wish to hang around. The posted coordinates are for the SES HQ in Wollongong where we'll use the auditorium. Kids are welcome.

Databases

- Multiple databases can be created and selected from dropdown list
- Waypoints can be moved or copied between databases
- Global replace for field changes across many waypoints
- Personally I run 3 databases –
 - All caches
 - Found caches
 - Hides

GSAX 8.2.0.11 Database: All caches (Registered to: David Bere)

File Search User Flags View Centre Point Waypoint Database GPS Macro Tools Geocaching.com access Help

Look First Code Search Column

Code	L4	Brg	Diff	Tern	Kms
GC4DQ4H	N	1.0	1.0	0.00	
GC4CGHJ	N	1.5	1.5	23.14	
GC4CY3P	N	1.5	1.5	27.96	
GC3PKA3	N	1.5	2.0	29.23	
GC48TK8	N	1.0	1.0	30.26	
GC4794R	NW	2.5	1.0	31.42	
GC2JANG	NW	3.5	3.0	31.92	
GC3HZNA	N	1.5	1.5	32.70	
GC33XR8	N	3.0	4.0	33.15	
GC4224W	N	3.5	1.5	33.22	
GC323T8	NW	1.5	1.5	33.39	
GC15ZGH	NE	2.5	3.5	33.41	

Subset: Filter 6332 Shown (out of 62636) 10.1%

New Database

Database name

Database Options

☒ Use defaults

Associated view: "Last Active"

Split screen: Use current

Sort Sequence: Use current

Disable smart names: ☐

Smart name length: Use Config

Run macro

Center point: ☒ Use same as last open of this database

Description: Coordinates: Grab current

Notes

Settings

... Last active

Save Delete

Create Cancel Help

Useful links & Questions?

- See handout for useful links
- Questions
- Thanks for coming

