

Toll records

- Can show call and text patterns to other suspects before and after the crime.
- Can assist in identifying otherwise unknown suspects.

Obtaining toll records

- Complete the Admin Subpoena with all available target information.
- If seeking only subscriber information, list only the target phone number and dates.
- Provide current re-contact information for yourself. Direct phone number/e-mail/fax.
- Fax to the carrier.
- Then wait...

Toll records

- Cell companies receive hundreds of Law Enforcement requests for records every day.
- Cell companies have to prioritize requests.
- Life threatening emergencies are done first.
- Calling the cell carrier and complaining to the representative does not help speed up your request. Sending another subpoena with “**2ND REQUEST**” on it does.

Things to remember:

- Toll records are the most commonly used in criminal cases.
- Can take weeks for records to be provided.
- The more specific you are with the records dates you request, the more manageable the information will be.

Sample toll record return

- Typical page of toll records.
- Lists date, time, duration of incoming and outgoing phone numbers of calls and data transfers etc.
- Does that say page 1 of 34?!
- This was a request for a four day period of toll records and it was 34 pages long. Very typical.

Destination Number	Dialed Number	DIR SF	Caller ID	Date	Time	Duration	Customer Phone
7753764540	7753764540	ML	7753789580	06/14/2009	00:05:35	00000:04	7753789580
7753764540	7753764540	ML	7753789580	06/14/2009	00:07:23	00000:34	7753789580
7753789580	7753789580	ML	7753789580	06/14/2009	00:08:08	00001:03	7753789580
7753789580	7753789580	S9	6005000014	06/14/2009	00:09:15	00000:00	7753789580
5304096887	5304096887	ML	7753789580	06/14/2009	00:09:56	00005:52	7753789580
7753783609	7753783609	LM	7753789580	06/14/2009	00:16:14	00001:54	7753783609
7753783609	7753783609	ML	7753789580	06/14/2009	00:16:14	00001:54	7753789580
7753789580	7753789580	ML	7753789516	06/14/2009	00:16:40	00000:35	7753789516
7753789580	7753789580	LM	37 7753789580	06/14/2009	00:16:40	00000:35	7753789580
7753789580	7753789580	S9	6005000014	06/14/2009	00:17:17	00000:00	7753789580
7753789580	7753789580	ML	7753789580	06/14/2009	00:18:16	00000:35	7753789580
7753789580	7753789580	S9	6005000014	06/14/2009	00:18:59	00000:00	7753789580
7753783609	7753783609	ML	7753789580	06/14/2009	00:19:27	00000:05	7753789580
7753783609	7753783609	LM	7753789580	06/14/2009	00:19:48	00000:01	7753783609
7753783609	7753783609	ML	7753789580	06/14/2009	00:19:48	00000:01	7753789580
7753783609	7753783609	LM	7753789580	06/14/2009	00:20:05	00000:08	7753783609
7753783609	7753783609	ML	7753789580	06/14/2009	00:20:05	00000:08	7753789580
7753789580	7753789580	LM	7752476668	06/14/2009	00:20:25	00002:10	7753789580
8587317268	8587317268	ML	7753789580	06/14/2009	00:22:57	00001:27	7753789580
3786512	3786512	ML	7753789580	06/14/2009	00:25:49	00000:21	7753789580
7753786512	7753786512	LM	3 7753789580	06/14/2009	00:25:49	00000:21	7753786512
7753789580	7753789580	ML	7753783151	06/14/2009	00:26:25	00000:33	7753783151
7753789580	7753789580	ML	7753786512	06/14/2009	00:26:25	00001:51	7753786512
7753789580	7753789580	LM	7753786512	06/14/2009	00:26:25	00001:51	7753789580
7753789580	7753789580	LM	1 7753789580	06/14/2009	00:26:25	00000:33	7753789580
7753789580	7753789580	S9	6005000014	06/14/2009	00:27:04	00000:00	7753789580
7753789580	7753789580	LM	37 7753789580	06/14/2009	00:28:13	00000:03	7753789580
7752476668	7752476668	ML	7753789580	06/14/2009	00:28:35	00000:24	7753789580
7753789580	7753789580	ML	7753789580	06/14/2009	00:33:06	00001:50	7753789580
7753789580	7753789580	LM	3 7752476668	06/14/2009	00:33:30	00000:05	7753789580
7753789580	7753789580	LM	1 7753789580	06/14/2009	00:34:24	00000:04	7753789580
7753789580	7753789580	ML	7753789580	06/14/2009	00:34:24	00000:04	7753789580
7752476668	7752476668	ML	7753789580	06/14/2009	00:34:41	00000:06	7753789580
7753789580	7753789580	S9	6005000014	06/14/2009	00:34:56	00000:00	7753789580
7753789516	7753789516	LM	7753789580	06/14/2009	00:36:32	00000:23	7753789516
7753789516	7753789516	ML	7753789580	06/14/2009	00:36:32	00000:23	7753789580
8587317268	8587317268	ML	7753789580	06/14/2009	00:38:02	00000:01	7753789580
8587317268	8587317268	ML	7753789580	06/14/2009	00:38:30	00000:12	7753789580
7753789580	7753789580	ML	7753789516	06/14/2009	00:38:47	00000:35	7753789516
7753789580	7753789580	LM	1 7753789580	06/14/2009	00:38:47	00000:35	7753789580
7753789580	7753789580	LM	3 7753797456	06/14/2009	00:38:50	00002:22	7753789580
7753789580	7753789580	ML	7753797456	06/14/2009	00:38:50	00002:22	7753797456
7753789580	7753789580	S9	6005000014	06/14/2009	00:39:33	00000:00	7753789580
7753789580	7753789580	ML	7753789580	06/14/2009	00:41:23	00000:50	7753789580
7753789580	7753789580	ML	7753789580	06/14/2009	00:42:36	00000:12	7753789580
7753789580	7753789580	S9	6005000014	06/14/2009	00:43:02	00000:00	7753789580
7753789516	7753789516	LM	7753789580	06/14/2009	00:43:46	00000:26	7753789516
7753789516	7753789516	ML	7753789580	06/14/2009	00:43:46	00000:26	7753789580
7753788481	7753788481	ML	7753789580	06/14/2009	00:46:12	00000:19	7753789580
7753789580	7753789580	ML	7753783609	06/14/2009	00:49:54	00000:17	7753783609
7753789580	7753789580	LM	7753783609	06/14/2009	00:49:54	00000:17	7753789580
7758270255	7758270255	ML	7753789580	06/14/2009	00:51:32	00000:04	7753789580

More things to remember:

- Text and picture message content is generally not saved by any cell carrier. It is saved on the phone used to send and/or receive the messages.
- Exceptions are usually text or pix messages sent from a web based program. Such data is usually purged frequently.

The cell carrier of choice for the
average suspect?

The logo for CricKet communications. The word "cricKet" is in a bold, lowercase, sans-serif font. The letter "k" is stylized with a diagonal line through it. Below "cricKet" is the word "communications" in a smaller, lowercase, sans-serif font. The entire logo is enclosed in a thin black border.

cricKet
communications

Call detail records

Also called cell tower records

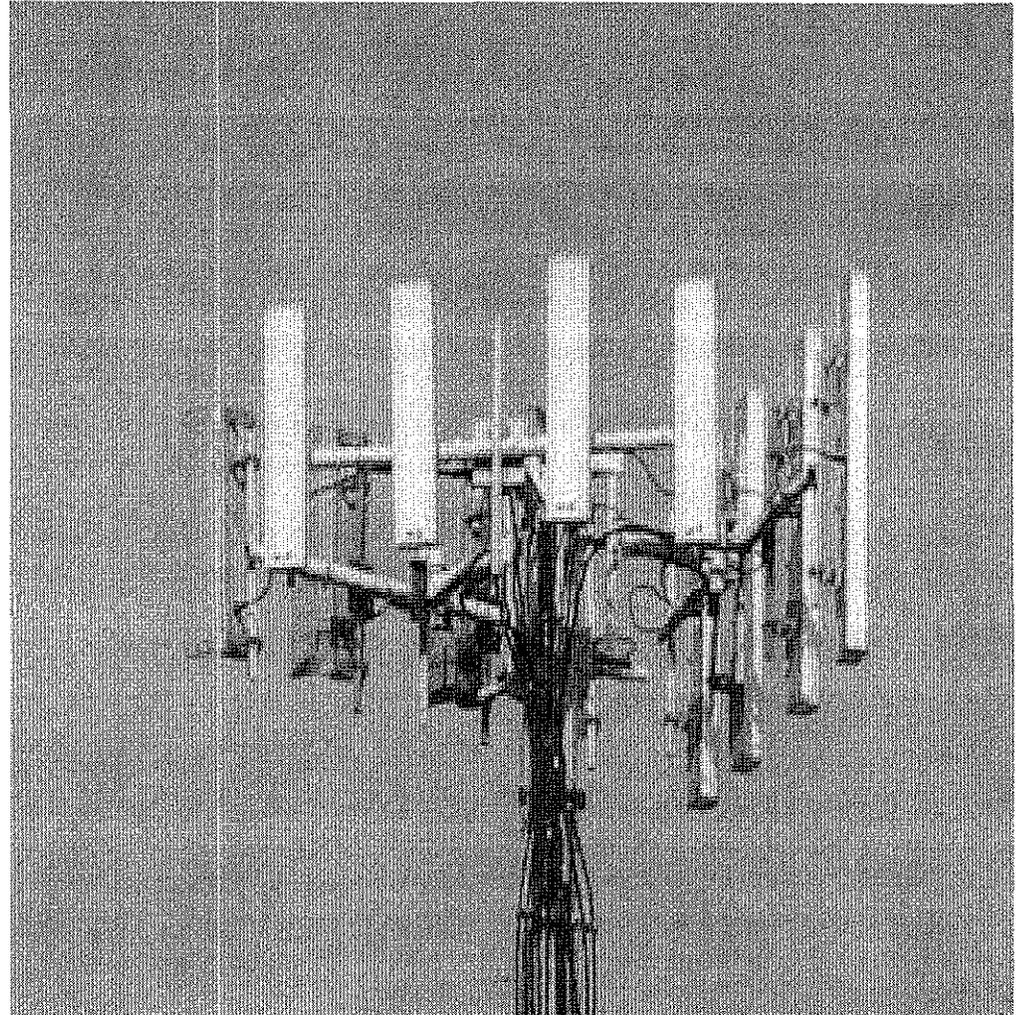
- Used to obtain information regarding cell towers utilized or accessed by the target phone during a specified time period.
- Call detail records are only required to be maintained for 90 days.
- Obtained by serving a Search Warrant on the applicable cell carriers subpoena compliance center, listing the local store front address within Washoe County.

Call detail records

- Not a “Ping”.
- Call detail records are extremely useful for showing the approximate location of a suspects phone at a specific date/time.
- Can be used to show path of travel.
- Can be used to refute suspect claims of being somewhere else when the crime was committed.

How do call detail records show location?

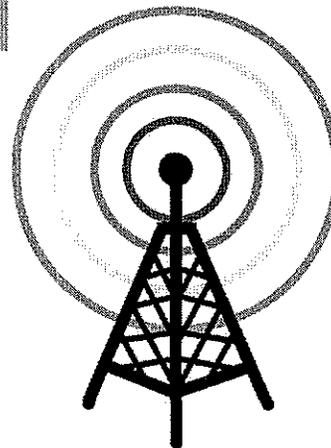
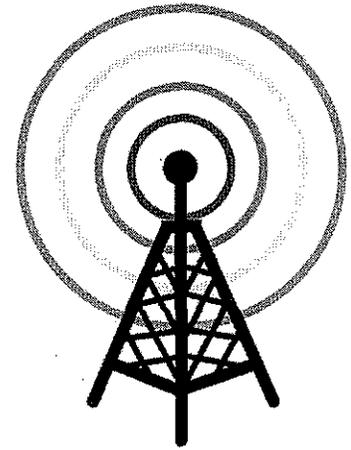
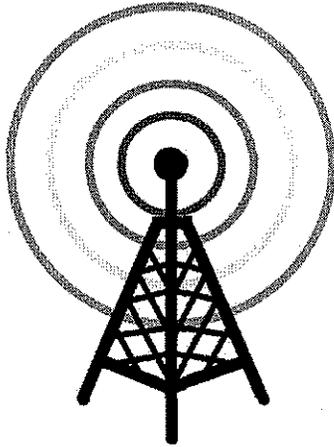
- The exact location of each cell tower is known to the cell carrier.
- Cell towers have antennas that are mounted in specific directional configurations.
- Each antenna represents a different location from the tower.
- Which antenna is used by a cell phone is recorded by the cell carrier.



How do call detail records show location?

- Data recorded with each call will show the direction the phone was from the cell tower when the call was made. (cell phones are only on one tower at a time)
- The information is almost never the EXACT location of the phone, but is an accurate indicator of the phones general location.
- In urban areas the general location can be narrowed down to an area as smaller than a block, but in rural areas it can be several square miles.

Cells



Preservation Letter

- Call detail records are purged regularly. If time is an issue, send a preservation letter.



Reno Police Department
"Your Police. Our Community"

Michael Pochman
Chief of Police

**** Cell Carrier Name** Custodian of Records**
Subpoena Compliance
Address line 1
City, State, Zip
FAX (***)***-****

Re: 18 USC 2703(f) Preservation Request -- **Customer name and carrier name**
cellular phone accounts. Reno Police case number *****

Dear Madam/Sir:

I am writing to make a formal request for the preservation of records and other evidence pursuant to 18 U.S.C. § 2703(f) pending further legal process.

You are hereby requested to preserve, for a period of 90 days, the records described below currently in your possession, including records stored on backup media, in a form that includes the complete record. You also are requested not to disclose the existence of this request to the subscriber or any other person, other than as necessary to comply with this request. If compliance with this request may result in a permanent or temporary termination of service to the accounts described below, or otherwise alert the subscriber or user of those accounts as to your actions to preserve the referenced files and records, please contact me before taking such actions.

This request applies only retrospectively. It does not in any way obligate you to capture and preserve new information that arises after the date of this request.

This preservation request applies to the following records and evidence:

- A. All stored communications and other files reflecting communications to or from subscriber accounts-- **Customer name and account phone numbers** , for period between **dates to and from**;
- B. Cellular telephone call detail records and cell tower data for the listed subscribers assigned phone numbers, for period between **dates to and from**.

Detective *****
Reno Police Department
***** Unit
455 East Second Street
Reno, NV 89502
(775) ***-****
*****@reno.gov

Detective ***** p****

Search Warrant

- Search Warrant and supporting affidavit is required.
- Cell carriers prefer we use language referring to Title 18 of the United States Code, but some Deputy DA's dislike it. Refer to the DA assisting you for guidance.

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IN THE JUSTICE COURT OF RENO TOWNSHIP,
IN AND FOR WASHOE COUNTY, STATE OF NEVADA

SEARCH WARRANT

STATE OF NEVADA)
) ss.
WASHOE COUNTY)

The State of Nevada, to any Sheriff or Peace Officer in Washoe County, State of Nevada:

Proof by affidavit having been made before me this day by Detective ***** , said Affidavit being attached hereto and expressly incorporated herein by this reference, that there is probable cause to believe that certain items, namely: **Electronic data, internal storage devices, optical storage devices, or other memory storage devices, and communication memory storage devices** with system documentation, electronic address books, or any other storage media, together with indicia of use, ownership, possession, or control of such devices, and records, and any data contained in or on any and all of the storage devices and/or storage media to include text messages, all phone numbers from the phones themselves, phone numbers of calls received and the time and date received, phone numbers of calls dialed and the time and date dialed, and digital photographs, all of which tend to show that a criminal offense has been committed, namely: Robbery w/ a Deadly Weapon, a felony violation of N.R.S. 200.360-193.165.

Sample language

- ***and that evidence of the crime(s), namely,*** A Sprint Cell Phone bearing number 775-555-1234, all cellular phone records including call detail records starting from April 02, 2010 through April 04, 2010. An engineering map; showing all cell site tower locations, sectors, and orientations and a list of any and all applicable cellular sites, numbers, locations, addresses, and/or latitudes and longitudes be provided in electronic format. A cellular signal corresponding to 775-555-1234 and its nearest cell tower location and/or its Global Positioning System Precision Location in compliance with Title 18 United States Code (U.S.C.) 2703(d). This cell phone 775-555-1234 is being used by John Doe and/or the person of John Doe. Sprint PCS shall provide nearest cell tower location and/or its Global Positioning System Precision location starting April 02, 2010 through April 04, 2010.
- ***is/are presently located, concealed and/or hidden on or within:*** a business described as Sprint PCS.
- ***which is/are presently located at:*** 5011 Meadowood Mall Way (serviced by Sprint PCS 6480 Sprint Parkway, Overland Park Kansas)

Network Acquisitions

AKA “A Ping”

- Every carrier has their own terminology for a “ping”.
- Sends a signal to a phone to determine it’s approximate location.
- Is only as accurate as call detail records but is done in real time.
- Only works if the phone is on and in service range at the time the signal is sent.

Network Acquisitions

- IS ONLY AUTHORIZED FOR LIFE THREATENING EMERGENCIES!!
- Kidnapping victims, endangered missing persons, armed and dangerous suspects where there is specific information that someone's life may be endangered.

Network Acquisitions

- Have been misused to locate phones stolen in robberies and burglaries as well as suspects in such cases.
- Some cell carriers have been complying with such requests but they cannot be expected to continue to do so as it is outside the scope of the law.
- Continued misuse by law enforcement agencies will undoubtedly backfire.

Network Acquisitions

- When the situation qualifies, contact the emergency contact number for the appropriate carrier.
- Identify yourself by name, title and agency. Provide specific re-contact information.
- Describe the qualifying emergency and describe what information you are seeking (Ping, Network Location, etc).

Network Acquisitions

- The carrier representative will fax you a form to fill out and return immediately.
- Each carrier and each type of case (missing person etc) requires a different form so the forms are not maintained by the police agency.
- Upon receipt of the required forms, the carrier rep will provide the location of the cell phone if it is on and in range of a tower.

Network Acquisitions

- But remember, the location information is obtained by the carrier by use of a signal sent to the phone from a tower so it will not likely be an exact location but rather an area. (Enhanced 911 works much the same way)
- The area information can be small or large depending on the location and availability of towers near by the phone.

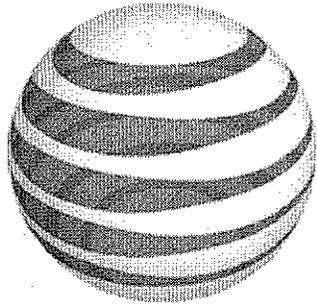
Things to remember

- Real time pings are to be used for life threatening emergencies only.
- Please don't misuse or we all risk greater difficulty in obtaining such information when we need it.
- There are other legal ways to obtain Network Acquisitions...

How?

- Search Warrant.
- Commercially available applications for phones that allow friends and family to keep track of one another through their phones.
- Applications that allow phone owners to locate and/or disable their phones remotely.
- Subscriber consent.

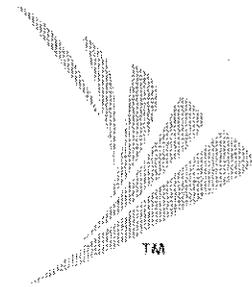
Whom do I subpoena?



at&t



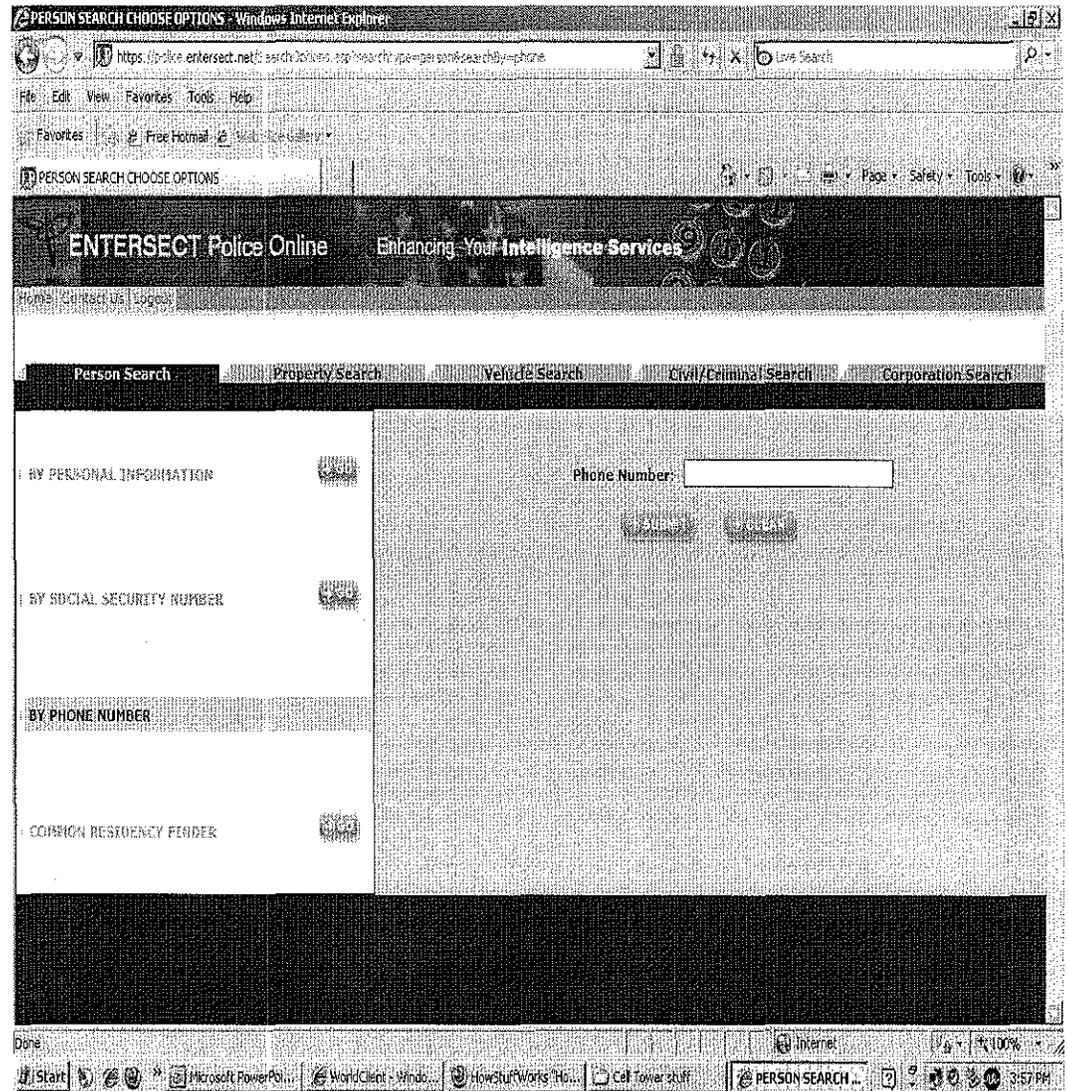
Sprint



Together with Nextel

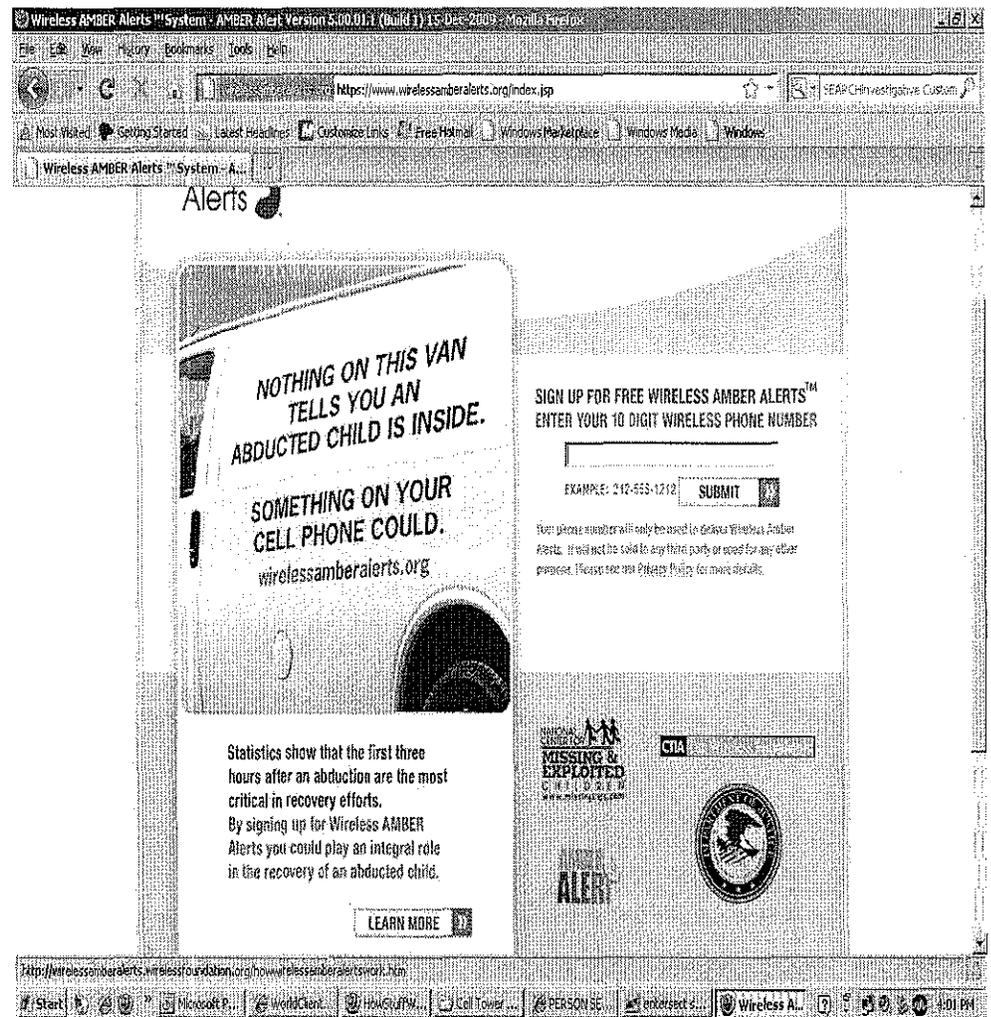
Determine the carrier

- Entersect is usually up to date and accurate.
- Go to www.entersect.net
- User name is rpd
- Password is rpdpolice1
- Perform phone number search.



Another way...

- Also VERY accurate...
- Go to www.wirelessamberalerts.org
- Enter phone number
- A screen will appear with the carrier info (just don't select "agree to terms"- you may alert the target)



Forms

- A file will be created on the J: drive with blank cell admin subpoenas and contact information for most of the major cellular service providers.
- In the mean time, if you need an admin subpoena, ask any RHU detective.

Questions?

