

via: ECFS

June 7, 2009

Marlene Dortch, Secretary  
Federal Communication Commission  
445 12th Street, S.W.  
Washington, DC 20554

Re: Addendum Comments  
WT Docket 06-150  
PS Docket 06-229

Dear Ms. Dortch,

The material submitted today is for inclusion in the above referenced proceedings to complete the 5/4/09 posted addendum. It is intended for further evaluations by others in determining the total network value by illustrating (in a website-map format) how the information super-highway merges well with highway-miles used by cooperative SWBN members.

This sample Website model introduces yet another revenue means for DBLs not mentioned prior, i.e., a fee-based theft notification service. It should warrant some consideration as to its contributions in a SWBN. Regardless of that particular hosted service, the myriad of network services and data products listed for Internet access could have an estimated time exposure value of tens of billions of user-minutes annually.

At this time only a sign-in page is listed for official government users. Government officials who wish to explore their functional benefits from the network merely have to read the data sets listed for private members and somewhat apply it to their own fleets. A portable device aspect for public safety personnel is omitted until such time as its functions are better defined. To be sure, handsets shall not be issued to the general public however some insight as to a public safety user certification can be found in the glossary.

Lastly, network policies are listed but have no written disclosure. As mentioned in earlier comments, the most difficult aspect of this network is setting the laws of operation in which many groups have been consulted in order to satisfy their service issues without compromising the network's transparency for others to validate their own privacy concerns.

Respectfully submitted,

Bill Reimann

## DBL Homepage

- Starting a Carspace (access code required)
- Public Safety Users (passcode required)
- My Carspace (passcode required)
- Carspaces (passcode required)
- Private-road Forum (passcode required)
- Public-highway Forum
- Status-maps
- Data Aggregates
- Radio Volume (subscription required)
- Press Releases
- Government Links
- Sponsors' Links
- Network Data Products
- Network Policies
- Network Glossary

### ► Starting a Personal Carspace { sign-in

- Enter name(s) registered at the DMV
- Enter modem ID code given by the DMV
- Enter access code(s) given by the DMV
  - Change to your own passcode(s)
    - define your carspace (My Keys)

### ► Public Safety Users { sign-in

- Enter your agency, username and passcode
- Enter your NGO, username and passcode

### ► My Carspace { sign-in

- MY KEYS
  - Enter/change my passcode
    - owner 1
    - owner 2
  - Create a vanity-tag
    - owner 1
    - owner 2
  - Enter/change my phone number(s)
    - owner 1
    - owner 2
  - Enter/change my email address(es)
    - owner 1
    - owner 2
  - Change/add to my fleet
    - enter current # of vehicles registered
    - enter the personal modem/carspace #
      - claim a personal parking-spot
        - ◇ indicate parking-spot as new/old
      - allow DBL call-outs
        - ◇ enter your debit account #
      - allow 3rd-party call-ins

- ◇ enter phone 1's #
  - ◆ enter real name or reminder
  - ◆ for text messaging
  - ◆ for remote vehicle commands
  - ◆ for carspace-maps
  - ◆ for calls debited to my DBL voice account
- ◇ enter phone 2's #, etc.
  - ◆ enter real name or reminder
  - ◆ for text messaging
  - ◆ for remote vehicle commands
  - ◆ for carspace-maps
  - ◆ for calls debited to my DBL voice account
- allow theft alert (My Antennae)
  - ◇ enter your debit account #
  - ◇ does the car have a factory alarm?
    - ◆ Yes, enter make/model alarm
    - ◆ No
  - ◇ select the response(s):
    - ◆ send alert to phone number(s)
    - ◆ send alert to email(s)
    - ◆ trigger car immobilizer system
- allow 3rd-party logistics tracking
  - ◇ enter your logistics provider
    - ◆ enter your account #
      - enter your access code
- allow radio patronage (My Radio)
- allow Web browsing
- allow email access
  - ◇ enter your access code
- allow characteristic identifications
  - ◇ enter car make
  - ◇ enter car model
  - ◇ enter car year
  - ◇ enter car color
- emergency contact list (My Airbags)
  - ◇ medical survey/doctor info
  - ◇ friends/family/insurer contact info
    - ◆ allow automatic notification
  - ◇ my preferred road service provider
- enable wireless ID (My Carpass)
  - ◇ for gated entrances
    - ◆ enter a given ID# for Gate 1, an ID# for Gate 2, etc.
      - download to my carspace #(s)
    - ◆ allow automatic place activation
    - ◆ suspend/reactivate/delete
  - ◇ for retail payments
    - ◆ enter your debit account #
      - download to my carspace #(s)

- ◆ suspend/reactivate/delete
- enable hearing-impaired service
- claim emergency volunteer-status
  - ◇ firefighter
  - ◇ medical technician
  - ◇ auxiliary police
- display this vehicle's location to my other carspace(s)
  - ◇ set restrictions
  - ◇ waive restrictions
- enter the commercial modem #
  - select 1 of 2 commercial parking-spots
    - ◇ indicate parking-spot as new/old
  - allow DBL call-outs
    - ◇ enter your debit account #
  - allow 3rd-party call-ins
    - ◇ enter phone 1's #
      - ◆ enter real name or reminder
      - ◆ for text messaging
      - ◆ for remote vehicle commands
      - ◆ for carspace-maps
      - ◆ for calls debited to my DBL voice account
    - ◇ enter phone 2's #, etc.
      - ◆ enter real name or reminder
      - ◆ for text messaging
      - ◆ for remote vehicle commands
      - ◆ for carspace-maps
      - ◆ for calls debited to my DBL voice account
  - allow theft alert (*My Antennae*)
    - ◇ enter your debit account #
    - ◇ does the truck have a factory alarm?
      - ◆ Yes, enter make/model alarm
      - ◆ No
    - ◇ select the response(s):
      - ◆ send alert to phone number(s)
      - ◆ send alert to email(s)
      - ◆ trigger truck immobilizer system
  - allow 3rd-party logistics tracking
    - ◇ enter your logistics provider
      - ◆ enter your account #
        - enter your access code
  - allow radio patronage (*My Radio*)
  - allow Web browsing
  - allow email access
    - ◆ enter your access code
  - allow characteristic identifications
    - ◇ enter truck make
    - ◇ enter truck model
    - ◇ enter truck year
  - ◇ enter truck color
  - ◇ enter truck height, gross weight
  - emergency contact list (*My Airbags*)
    - ◇ medical survey/doctor info
    - ◇ friends/family/insurer contact info
      - ◆ allow automatic notification
    - ◇ my preferred road service provider
  - enable wireless ID (*My Truckpass*)
    - ◇ for gated entrances
      - ◆ enter a given ID# for Gate 1, an ID# for Gate 2, etc.
        - download to my carspace #(s)
      - ◆ allow automatic place activation
      - ◆ suspend/reactivate/delete
    - ◇ for retail payments
      - ◆ enter your debit account #
        - download to my carspace #(s)
      - ◆ suspend/reactivate/delete
  - enable Hours-of-Service timestamps
  - enable hearing-impaired service
  - display this vehicle's location to my other carspace(s)
    - ◇ set restrictions
    - ◇ waive restrictions- MY PASSENGERS
  - Granting access (*My Doorlocks*)
    - select the carspace #
      - enter passenger's username/passcode
        - ◇ enter real name or reminder
        - ◇ set restrictions
          - ◆ enter dates/time-frames
          - ◆ enter geo-fencing location(s)
          - ◆ only during on-air times
          - ◆ no time/place/status restrictions
      - ◇ set allowances for:
        - ◆ carspace-map
        - ◆ current radio station
        - ◆ current engine data
        - ◆ current vehicle status (speed, lights, wipers, braking, signals, etc.)
        - ◆ backseat text-to-voice messaging
          - enter dates/times/locations
          - all times in traffic
    - view passenger list
      - frontseat
      - backseat
      - past-riders
    - Frontseat passengers
      - list all requests in chronological order
      - username/passcode 1

- view real name or reminder
- list date, time, duration per ride
- username/passcode 2, etc.
  - view real name or reminder
  - list date, time, duration per ride
- Backseat passengers
  - list all messages in chronological order
  - username/passcode 1
    - view real name or reminder
    - set/reset allowances
  - username/passcode 2, etc.
    - view real name or reminder
    - set/reset allowances
- Past-riders
  - list all requests in chronological order
  - username/passcode 1
    - view real name or reminder
    - list date, time, duration per ride
    - set/reset access and unlock
  - username/passcode 2, etc.
    - view real name or reminder
    - list date, time, duration per ride
    - set/reset access and unlock
- MY FLEET
  - Carspace #1 } Sample below
  - Carspace #2, etc. }
  - current carspace-map (*My Tripometer*)
    - click on current/past points for location-specific vehicle status
      - ◇ save to my glovebox
      - ◇ print a hardcopy
    - click and drag between 2 points of highlighted road for vehicle status avg.
      - ◇ save to my glovebox
      - ◇ print a hardcopy
  - past tireprint-map (*My Tireprints*)
    - enter date/time-frame
      - ◇ click on any point of highlighted rd. for location-specific vehicle status
        - ◆ save to my glovebox
        - ◆ print a hardcopy
      - ◇ click and drag between 2 points of highlighted rd for vehicle status avg.
        - ◆ save to my glovebox
        - ◆ print a hardcopy
  - create a destination-map (*My Roadmap*)
    - input destination by:
      - ◇ name, town or county
      - ◇ address, town/zip code
      - ◇ out-of-state, town/zip code
      - ◇ place function
- download to my carspace # as:
  - ◇ a location-map
  - ◇ a destination-map
  - ◇ a guidance-map
- mutual carspace agreements (*My Convoy*)
  - current vehicle-to-vehicle agreement
    - ◇ show other parties and parameters
    - ◇ end convoy communications
  - expired V2V agreements
    - ◇ show other parties and parameters
  - arrange a convoy online
    - ◇ for my carspace #
    - ◇ enter day/time-frames
      - ◆ waive day/time restrictions
    - ◇ name the other carspace(s)
      - ◆ by owner's name
      - ◆ by owner's vanity tag
        - enter your username
          - enter your passcode
          - send as an invalid request
  - view convoy response(s)/request(s)
    - ◇ response/request accepted
      - ◆ download to my carspace #
        - download a reminder
      - ◇ waive further correspondence
- transport requests/inquiries (*Hitchhikers*)
  - ◇ enable correspondence
  - ◇ waive further correspondence
- geo-fence settings (*My Range*)
  - select the parameters:
    - ◇ enter a radial distance
    - ◇ draw a salamander-map
  - enter days/times/always
  - select the response(s):
    - ◇ enter phone number(s)
    - ◇ enter email address(es)
    - ◇ activate an in-vehicle reminder
- over-speed settings (*My Gas-pedal*)
  - enter speed-limit and duration
  - select the parameters:
    - ◇ enter a radial distance
    - ◇ draw a salamander-map
  - enter days/times/always
  - select the response(s):
    - ◇ enter phone number(s)
    - ◇ enter email address(es)
    - ◇ activate an in-vehicle reminder
- road-marking
  - unreferenced locations(*My Side-mirror*)
    - ◇ waive anonymity
      - ◆ Yes

- reveal my name
- reveal my vanity-tag
- ◆ No -only identify the message #
- ◇ enter comments/remarks
- ◆ send to:
  - specific carspaces
  - all place-related carspaces
  - authority having jurisdiction
  - public-highway forum
- ◆ save to my glovebox
- ◆ print a hardcopy
- marked references (*My Roadsigns*)
  - ◇ view the roadsign-map of my area
  - ◇ view other area-specific comment(s)
    - ◆ responses to my horn:
      - valid
      - invalid
        - enable correspondence
        - waive correspondence
    - ◆ save to my glovebox
    - ◆ print a hardcopy
- driver alerts/reminders (*My Caution-lights*)
  - tell carspace # when:
    - ◇ black-ice conditions exists
    - ◇ flash-flooding conditions exists
    - ◇ it fails to maintain speed upgrade
    - ◇ it's out of range/gas-pedal settings
    - ◇ it's in a convoy agreement status
    - ◇ it's in a transport agreement status
    - ◇ it's approaching a low overpass
    - ◇ it travels too long with the directional signals on
    - ◇ the headlights are off while the wipers are on
    - ◇ it's approaching a toll, and how much it is
    - ◇ it's approaching one-way street areas
    - ◇ it's approaching truck restricted areas
    - ◇ it's approaching a speed zone
      - ◆ state roads only
      - ◆ state and county roads
      - ◆ state, county and local roads
  - view past caution-lights
- wireless transactions (*Carpas/Truckpass*)
  - list all times/places of gated access
    - ◇ save to my glovebox
  - suspend/reactivate/delete access info
  - list all times/places/amounts from retail
  - identify points of purchase on the map
- suspend/reactivate/delete account info
- voice-call charges
  - list all times/charges of incoming calls
    - ◇ save to my glovebox
  - list all times/charges of outgoing calls
    - ◇ save to my glovebox
  - show me duration points on the map
  - suspend/reactivate/delete account info
- engine performance (*My Motorworks*)
  - select test parameters:
    - ◇ enter day/time-frame
    - ◇ draw a salamander-map
  - view test results/read diagnostic codes
    - ◇ save to my glovebox
    - ◇ print a hardcopy
  - send to:
    - ◇ my mechanic - email/fax #
    - ◇ my dealer - email/fax #
    - ◇ nearest dealer
- patronage (*My Odometer*)
  - spreadsheet totals
    - ◇ enter date and time units, or
    - ◇ daily totals over the past 90 days
      - ◆ miles/times/trip calculations
      - ◆ miles driven
        - on-air
        - off-air
        - % SWBN mileage
      - ◆ data minutes and % for each provided service used
        - viewed on-air
        - viewed online
      - ◆ print a hardcopy
    - Hours-of-Service documentation
      - ◇ time and miles between stops
      - ◇ on-Duty/off-Duty times
      - ◇ day-by-day chronology
      - ◇ place and timestamps
        - ◆ weigh stations
        - ◆ truck-stops
        - ◆ state boarder crossings, etc.
      - ◇ save to:
        - ◆ print a hardcopy
        - ◆ Bluetooth laptop
        - ◆ save to my glovebox
  - My Radio
    - list my stations and time spent
    - show my stations vs. all carspace radios
    - show media % and time spent for each AM/FM/SB/CD/MP3 patronage
      - ◇ print a hardcopy

- Alerts/notifications
    - list all in chronological order
      - click an item for data specifics
        - ◇ save to my glovebox
        - ◇ print a hardcopy
  - List of all requests/inquiries, including this
    - click inquirer for data specifics
      - enable correspondence
      - waive further correspondence
        - ◇ save to my glovebox
  - List all granted requests (*Green-lights*)
    - list date, time of rides
      - click on username for data specifics
        - ◇ save to my glovebox
        - ◇ print a hardcopy
  - List all denied requests/inquiries
    - from the private-road (*Yellow-lights*)
      - list date, time of invalid requests
        - ◇ click on username for data specifics
          - ◆ enable correspondence
          - ◆ waive further correspondence
            - save to my glovebox
            - print a hardcopy
    - from the public-highway (*Red-lights*)
      - list date, time of invalid inquiries
        - ◇ click on username for data specifics
          - ◆ enable correspondence
          - ◆ waive further correspondence
            - save to my glovebox
            - print a hardcopy
  - Comments/remarks (*My Horn*)
    - view private-road postings/comments
      - add my horn to the discussion
        - ◇ waive anonymity
          - ◆ Yes
            - reveal my name
            - reveal my vanity-tag
          - ◆ No -only identify the message #
    - view public-highway postings/comments
      - add my horn to the discussion
        - ◇ waive anonymity
          - ◆ Yes
            - reveal my name
            - reveal my vanity-tag
          - ◆ No -only identify the message #
  - Data saved for documentation (*My Glovebox*)
    - alerts/notifications
    - my carpass/truckpass
    - my horn
    - my Hours-of-Service
    - my motorworks
    - my roadsigns
    - my tireprints
    - green-light requests
    - red-light inquiries
    - yellow-light requests
    - delete selected items
- MY PARKING-SPOTS
    - Carspace #1 }
    - Carspace #2, etc. } Sample below
      - my airbags
      - my alerts/notifications
      - my antennae
      - my backseat passengers
      - my carpass/truckpass
      - my caution-lights
      - my convoy
      - my doorlocks
      - my frontseat passengers
      - my gas-pedal
      - my glovebox
      - my Hours-of-Service
      - my keys
      - my log of inquirers
      - my log of requests/inquiries, including this
      - my motorworks
      - my odometer
      - my past-riders
      - my radio
      - my range
      - my roadsigns
      - my side-mirror
      - my tireprints
      - my tripometer
      - my voice-calls
  - ▶ **Carspaces** { sign-in
  - GETTING TO A CARSPACE
    - View carspace-maps:
      - enter owner's name/vanity-tag
        - enter your username and passcode
    - Send a backseat text message:
      - enter owner's name/vanity-tag
        - enter your username and passcode
  - ▶ **Private-road Forum** { sign-in
  - ENTER MY NAME/VANITY-TAG
    - Enter my passcode
    - Post comments/remarks/requests/inquiries
      - select my horn's volume
        - statewide

- regional
  - county
  - town
  - location-specific passersby
  - waive anonymity
    - Yes
      - ◇ reveal my name
      - ◇ reveal my vanity-tag
    - No -only identify the message #
  - send to:
    - the authority having jurisdiction
    - private-road users
    - public-highway users
  - Community opinion polls
    - participate in current poll
    - view results in current poll
    - participate in past poll
      - search by date
      - search by phrase
    - view past poll results
      - search by date
      - search by phrase
    - view road vs. highway results
  - Transport agreement request (*Hitchhiking*)
    - indicate the address of origin
    - enter day(s) or date(s)
    - enter desired time-frame for pick-up
    - enter the address of destination
      - enter desired arrival time
    - enter return trip parameters
    - enter a comment/explanation
      - send to common private-road patrons
- **Public-highway Forum**
- POST comments/remarks/inquiries
    - Select your horn's volume
      - statewide
      - regional
      - county
      - town
      - location-specific passersby
  - OPINION polls and surveys
    - Participate in current poll
    - View results in current poll
    - Past poll results
      - search by date
      - search by phrase
    - View road vs. highway results
      - current poll
      - past polls
        - search by date

- search by phrase
- SWBN current/year-to-date STATUS
  - Statewide }  
■ Countywide } Sample for each  
■ Townwide }  
■ Villagewide } shown below  
■ Cellwide }
    - # on-air patrons/# unique patrons
    - % on-air carspaces/# unique carspaces
    - % on-air safety users/# unique safety users
    - % on-air NGO users/# unique NGO users
    - % status-map viewing/total hours
    - % voice calling/total hours
    - % Web browsing/total hours
    - % video viewing/total hours
    - # traffic delay locations/# unique locations
    - # delay locations<15'/# unique locations
    - # delay locations>30'/# unique locations
    - # traffic delay minutes/total minutes
    - # traffic delay road-miles/total lane-miles
    - # roadsigns/total roadsigns posted
    - # radio listeners/# unique carspace radios
    - # transports/total transport agreements
    - % of SWBN mileage/ytd average
    - % of used commercial spectrum/ytd avg.
    - % of used safety spectrum/ytd average
    - % of un-used spectrum/ytd average

► **Status-maps**

- POTHOLE-MAPS
  - Current or specified past
    - click on a specific county
      - click on a specified major road area
    - click on a specific neighborhood/zip code
      - click on a specified local road area
- DOT PROJECT-MAPS
  - Current road/highway/bridge work
    - click on a specific county
      - click on a specified major road area
        - ◇ link to DOT project #
    - click on a specific neighborhood
      - click on a specified local road area
        - ◇ link to DOT project #
  - Upcoming road/highway/bridge work
    - click on a specific county
      - click on a specified major road area
        - ◇ link to DOT project #
    - click on a specific neighborhood/zip
      - click on a specified local road area
        - ◇ link to DOT project #

- TRAFFIC-MAPS
    - Current
      - neighborhood status
      - countywide status
      - regional status
        - click on a location or click and drag between 2 points of road to view its traffic statistics
    - Specify a past date/time
      - neighborhood snapshot
      - countywide snapshot
      - regional snapshot
        - click on a location or click and drag between 2 points of road to view its traffic statistics
    - Enter a future date/time
      - neighborhood forecast
      - countywide forecast
      - regional forecast
  - WEATHER-MAPS
    - Current
      - neighborhood status
      - countywide status
      - regional status
    - Specify a past date/time
      - neighborhood snapshot
      - countywide snapshot
      - regional snapshot
    - Enter a future date/time
      - neighborhood forecast
      - countywide forecast
      - regional forecast
  - FLOOD-MAPS
    - Current or specified past
      - name a specific neighborhood/zip code
      - name a specific county
  - SWBN-MAPS
    - Current area coverage
      - neighborhood status
      - countywide status
      - regional status
    - Specify a past date of area coverage
      - neighborhood snapshot
      - countywide snapshot
      - regional snapshot
    - Future coverage dated for completion
      - neighborhood forecast
      - countywide forecast
      - regional forecast
  - LOCATION-MAPS
    - Enter an address
    - Find a business
      - by name and radial miles/zip code
      - by address and town/zip code
    - Find a municipal building
      - by name and town/zip code
      - by service and jurisdiction
    - Show me the nearest emergency evacuation/relief center
  - PLOW-MAPS
    - Current or specified past
      - click on a specific county
      - click on a specific neighborhood/zip code
  - PARKING-MAPS
    - Current
      - name the specific place and town/zip code
      - name a specific neighborhood/zip code
        - show me municipal parking only
        - show me municipal and fee parking
  - ROADSIGN-MAPS
    - View current statewide map
      - click on a specific county
    - Name/click on a:
      - specific neighborhood/zip code
      - specific county
      - specific region
        - click on a color-coded area to view the location-specific comments
          - ◇ add my horn to the discussion
            - ◆ waive anonymity
              - Yes
                - reveal my name
                - reveal my vanity-tag
              - No -use message # only
- Data Aggregates
  - SWBN TRIPOMETER
    - Statewide }  
■ Countywide } Sample for each  
■ Townwide }  
■ Villagewide } shown below  
■ Cellwide }
      - today's capacity-graph
        - by the minute
        - by the hour
      - today's service-graph
        - by the minute
        - by the hour

- today's capacity pie-chart
  - usage over the past minute
  - usage over the past hour
  - usage over the past day
    - ◇ total % by safety users
      - ◆ % of status-maps
      - ◆ % of Web browsing
      - ◆ % of CCTV video
        - % of V2V
        - % of fixed-to-vehicle
        - % of portable-to-portable
      - ◆ % of voice communications
        - % of outgoing calls
        - % of incoming calls
      - ◆ % of unused safety spectrum
    - ◇ total % by carspaces
      - ◆ % of status-maps
      - ◆ % of Web browsing
      - ◆ % of CCTV video
      - ◆ % of voice communications
        - % of call-outs
        - % of call-ins
      - ◆ % unused commercial spectrum
    - ◇ total % of available spectrum
      - ◆ % from safety users
      - ◆ % from carspaces
- today's service pie-chart
  - statistics over the past minute
  - statistics over the past hour
  - statistics over the past day
    - ◇ click on a slice for data aggregates:
      - ◆ from traffic status-maps
      - ◆ from weather status-maps
      - ◆ from location status-maps
      - ◆ from route-guided status-maps
      - ◆ from convoy status-maps
      - ◆ from parking status-maps
      - ◆ from flood status-maps
      - ◆ from pothole status-maps
      - ◆ from roadsign status-maps
      - ◆ from plow status-maps
      - ◆ from project status-maps
      - ◆ from Web browsing
      - ◆ from voice-calls
        - 911 calls
  - past pie-charts/graphs/spreadsheets
    - enter a date, time-frame and units
      - ◇ for capacity utilization
      - ◇ for service statistics
- NETWORK ODOMETER
  - Carspace-maps } Sample for each
- Pothole-maps }
- Route-guided maps }
- Project-maps }
- SWBN-maps }
- Traffic-maps }
- Location-maps }
- Weather-maps }
- Convoy-maps }
- Parking-maps } shown below
- Tireprint-maps }
- Flood-maps }
- Plow-maps }
- Roadsign-maps }
- Internet data }
- Video }
- Overall user data }
  - statewide } Sample for each
  - countywide }
  - townwide }
  - villagewide } shown below
  - cellwide }
- today's data-graph of ...
  - ◇ enter a time-frame and units
    - ◆ by SWBN users
    - ◆ by Website users
- today's bar graph of ...
  - ◇ enter a time-frame and units
    - ◆ by SWBN users
    - ◆ by Website users
- today's spreadsheet of ...
  - ◇ enter a time-frame and units for total/SWBN/Website patronage
    - ◆ total # data users/minutes
      - SWBN segment total users
        - # public safety users
          - total user-minutes
        - # carspaces
          - total user-minutes
      - Website segment total users
        - # public safety users
          - total user-minutes
        - # private-users
          - total user-minutes
      - % change from prior timeslot
        - SWBN segment ±%Δ
          - safety users' ±%Δ
          - carspaces' ±%Δ
        - Website segment ±%Δ
          - safety users' ±%Δ
          - private-users' ±%Δ

- ◆ avg. # data users/minutes
    - SWBN segment average #
      - # public safety users
        - total user-minutes
      - # carspaces
        - total user-minutes
    - Website segment average #
      - # public safety users
        - total user-minutes
      - # private-users
        - total user-minutes
  - ◆ total data traffic merges/exits
    - # SWBN merges/exits
      - safety users came on-air
      - safety users went off-air
      - carspaces came on-air
      - carspaces went off-air
    - # Website merges/exits
      - safety users came online
      - safety users went offline
      - private-users came online
      - private-users went offline
  - ◆ % of SWBN mileage
    - total carspace-miles traveled
    - # on-air-miles traveled
    - # off-air-miles traveled
  - past data-graphs/spreadsheets
    - ◇ enter a date, time-frame and units for total/SWBN/Website patronage
      - ◆ total # data users/minutes
        - SWBN segment total users
          - # public safety users
            - total user-minutes
          - # carspaces
            - total user-minutes
        - Website segment total users
          - # public safety users
            - total user-minutes
          - # private-users
            - total user-minutes
        - % change from prior timeslot
          - SWBN segment  $\pm\% \Delta$ 
            - safety users'  $\pm\% \Delta$
            - carspaces'  $\pm\% \Delta$
          - Website segment  $\pm\% \Delta$ 
            - safety users'  $\pm\% \Delta$
            - private-users'  $\pm\% \Delta$
      - ◆ avg. # data users/minutes
        - SWBN segment average #
          - # public safety users
            - total user-minutes
          - # carspaces
            - total user-minutes
        - Website segment average #
          - # public safety users
            - total user-minutes
          - # private-users
            - total user-minutes
  - ◆ total # voice users
    - # public safety users
    - # carspaces
  - ◆ total # calls
    - # public safety calls
      - # incoming calls
      - # outgoing calls
    - # carspace calls
      - # call-ins
      - # call-outs
      - # 911 calls
        - # via ACN
        - # via occupant
  - ◆ total # minutes used
    - # public safety minutes
      - # incoming minutes
      - # outgoing minutes
    - # carspace minutes
      - # call-in minutes
      - # call-out minutes
  - ◆ lowest # users per given time
- Voice-calls
  - statewide }
    - countywide } Sample for each
    - townwide }
      - villagewide } shown below
      - cellwide }
  - today's voice-graph/spreadsheet
    - ◇ enter a time-frame and units
      - ◆ total # voice users
        - # public safety users
        - # carspaces
      - ◆ total # calls
        - # public safety calls
          - # incoming calls
          - # outgoing calls
        - # carspace calls
          - # call-ins
          - # call-outs
          - # 911 calls
            - # via ACN
            - # via occupant
      - ◆ total # minutes used
        - # public safety minutes
          - # incoming minutes
          - # outgoing minutes
        - # carspace minutes
          - # call-in minutes
          - # call-out minutes
      - ◆ lowest # users per given time

- # public safety users /time
- # carspaces /time
- ◆ peak # users per given time
  - # public safety users /time
  - # carspaces /time
- ◆ average # users per given time
  - # public safety users /time
  - # carspaces /time
- ◆ caller statistics
  - average # minutes per user
    - # per public safety user
    - # per carspace
  - average # calls per user
    - # per public safety user
    - # per carspace
  - avg. distance per private call
- past voice-graphs/spreadsheets
  - ◇ enter a date, time-frame and units
    - ◆ total # voice users
      - # public safety users
      - # carspaces
    - ◆ total # calls
      - # public safety calls
        - # incoming calls
        - # outgoing calls
      - # carspace calls
        - # call-ins
        - # call-outs
        - # 911 calls
          - # via ACN
          - # via occupant
      - ◆ total # minutes used
        - # public safety minutes
          - # incoming minutes
          - # outgoing minutes
        - # carspace minutes
          - # call-in minutes
          - # call-out minutes
      - ◆ lowest # users per given time
        - # public safety users /time
        - # carspaces /time
      - ◆ peak # users per given time
        - # public safety users /time
        - # carspaces /time
      - ◆ average # users per given time
        - # public safety users /time
        - # carspaces /time
      - ◆ caller statistics
        - average # minutes per user
          - # per public safety user
          - # per carspace
  - SWBN patrons from out-of-state
    - statewide }
      - countywide } Sample for each
      - townwide } shown below
      - villagewide }
    - today's visitors-graph/spreadsheet
      - ◇ enter a time-frame and units
        - ◆ total users from out-of-state
          - # public safety users
          - # carspaces
        - ◆ total data-minutes used
          - # public safety minutes
          - # carspace minutes
        - ◆ total # voice-calls
          - # public safety calls
            - # incoming calls
            - # outgoing calls
          - # carspace calls
            - # call-ins
            - # call-outs
            - # 911 calls
              - # via ACN
              - # via occupant
          - ◆ total # voice-minutes used
            - # public safety minutes
              - # incoming minutes
              - # outgoing minutes
            - # carspace minutes
              - # call-in minutes
              - # call-out minutes
          - ◆ lowest # users per given time
            - # public safety users /time
            - # carspaces /time
          - ◆ peak # users per given time
            - # public safety users /time
            - # carspaces /time
          - ◆ average # users per given time
            - # public safety users /time
            - # carspaces /time
          - ◆ total data traffic merges/exits
            - # users came on-air
              - # public safety users
              - # carspaces
            - # users went off-air
              - # public safety users
              - # carspaces

- past visitors-graphs/spreadsheets
  - ◇ enter a date, time-frame and units
    - ◆ total users from out-of-state
      - # public safety users
      - # carspaces
    - ◆ total data-minutes used
      - # public safety minutes
      - # carspace minutes
    - ◆ total # voice-calls
      - # public safety calls
        - # incoming calls
        - # outgoing calls
      - # carspace calls
        - # call-ins
        - # call-outs
        - # 911 calls
          - # via ACN
          - # via occupant
      - ◆ total # voice-minutes used
        - # public safety minutes
          - # incoming minutes
          - # outgoing minutes
        - # carspace minutes
          - # call-in minutes
          - # call-out minutes
      - ◆ lowest # users per given time
        - # public safety users /time
        - # carspaces /time
      - ◆ peak # users per given time
        - # public safety users /time
        - # carspaces /time
      - ◆ average # users per given time
        - # public safety users /time
        - # carspaces /time
      - ◆ total data traffic merges/exits
        - # users came on-air
          - # public safety users
          - # carspaces
        - # users went off-air
          - # public safety users
          - # carspaces
  - Traffic statistics
    - statewide }
      - countywide } Sample for each
      - townwide } shown below
      - villagewide }
    - today's or enter a date and time-frame
      - ◇ total # personal carspaces
        - ◆ shown on a timeline graph
        - ◆ shown from a spreadsheet
      - ◇ average traffic speed
        - ◆ shown on a timeline graph
        - ◆ shown from a spreadsheet
  - ◇ personal carspace-miles traveled:
    - ◆ total # of miles
    - ◆ total # of trips
    - ◆ total # of minutes
    - ◆ total # of carspaces
    - ◆ avg. # of miles /carspace
    - ◆ avg. # of trips /carspace
    - ◆ avg. # of minutes /carspace
    - ◆ avg. MPH /carspace
  - ◇ traffic delay statistics:
    - ◆ total # of locations
      - select a specific location
        - total duration in minutes
        - total # carspaces affected
          - on a timeline graph
          - from a spreadsheet
        - total miles affected
          - on a timeline graph
          - from a spreadsheet
        - avg. delay /carspace
        - avg. MPH /carspace
    - ◆ total duration in minutes
    - ◆ total # carspaces affected
      - on a timeline graph
      - from a spreadsheet
    - ◆ total miles affected
      - on a timeline graph
      - from a spreadsheet
    - ◆ avg. delay /carspace
    - ◆ avg. MPH /carspace
  - enter a date and time-frame or choose current neartime traffic-map, then click on a location or click and drag between 2 points of road
    - ◇ rate of carspaces /hour
      - ◆ shown on a timeline graph
      - ◆ shown from a spreadsheet
    - ◇ average traffic speed
      - ◆ shown on a timeline graph
      - ◆ shown from a spreadsheet
    - ◇ traffic flow statistics:
      - ◆ travel time /carspace
      - ◆ travel time vs. posted speed
      - ◆ # carspaces in frame
      - ◆ # roadway miles/feet in frame
      - ◆ avg. MPH /carspace

► **Radio Volume** { sign-in  
 □ ENTER YOUR STATION'S CALL SIGN

- Enter username and passcode
    - NEARTIME MARKET VIEW
      - current market-graph of my listeners and total listeners vs. minutes
      - current pie-chart all markets: AM/FM/HD/SB/CD/MP3
      - current pie-chart shares in my market space
        - ◇ click on a share to show #s
          - ◆ market # of carspaces
          - ◆ the station's # of carspaces
          - ◆ avg. retention minutes /carspace
          - ◆ % market share
      - current bar-graph for my station minute-by-minute
        - ◇ click on a minute-bar to show my #s
          - ◆ peak # carspaces
          - ◆ lowest # carspaces
          - ◆ average # carspaces
          - ◆ # carspaces started trip tuned-in
          - ◆ # carspaces from prior minute
          - ◆ # carspaces from another station
          - ◆ # carspaces tuned-out
          - ◆ # carspaces came and went<3sec
          - ◆ % carspaces ended trip tuned-in
    - 3-DAY MARKET VIEW
      - past market-graph of my listeners and total listeners vs. hours
      - past pie-chart averages of all markets: AM/FM/HD/SB/CD/MP3
      - past pie-chart of shares in my market space
        - ◇ click on a share to show #s
          - ◆ market # minutes /day
          - ◆ market # carspaces /day
          - ◆ the station's carspaces /day
          - ◆ minutes per carspace /day
          - ◆ % market share /day
      - past carspace bar-graphs for my station hour-by-hour
        - ◇ click on an hour-bar to show my #s
          - ◆ peak # carspaces
          - ◆ lowest # carspaces
          - ◆ average # carspaces
          - ◆ # times carspaces tuned-out
            - zero
            - once
              - and came back
              - didn't come back
            - twice
            - 3 times, etc.
  - ◆ average # tune-outs /carspace
  - ◆ # carspaces started trip tuned-in
  - ◆ % carspaces ended trip tuned-in
  - ◆ market % of carspaces started and ended the same trip tuned-in
  - ◇ click and drag between 2 points of time for segment averages/totals
    - ◆ total # carspaces
    - ◆ total # carspace minutes
    - ◆ average # carspaces /hour
    - ◆ # times carspaces tuned-out
      - zero
      - once
        - and came back
        - didn't come back
      - twice
      - 3 times, etc.
    - ◆ average # tune-outs /hour
    - ◆ # carspaces started trip tuned-in
    - ◆ % carspaces ended trip tuned-in
    - ◆ market % of carspaces started and ended the same trip tuned-in
  - ◇ click on the day-end box for daily totals
    - ◆ # carspaces
    - ◆ # carspace minutes
    - ◆ average # carspaces /hour
    - ◆ # times carspaces tuned-out
      - zero
      - once
        - and came back
        - didn't come back
      - twice
      - 3 times, etc.
    - ◆ average # tune-outs /carspace
    - ◆ # carspaces started trip tuned-in
    - ◆ % carspaces ended trip tuned-in
    - ◆ market % of carspaces started and ended the same trip tuned-in
- **Press Releases**
  - FEDERAL, STATE, LOCAL GOVERNMENT
    - Road construction/closures
    - Weather advisories
    - NHTSA safety notices/ratings/recalls
    - etc.
  - AP WIRE SERVICES
    - IIHS safety notices/ratings
    - Public interest stories for travelers/tourism
    - Automotive and community articles
    - etc.

► **Government Links**

- FEDERAL
- STATE
- LOCAL

► **Sponsors' Links**

- Group A Sponsors - e.g., consumer products
- Group B Sponsors - e.g., consumer services
- Group C Sponsors - e.g., automotive products
- etc.

► **Network Data Products**

- PIE-CHARTS
  - Network capacity utilization
  - Network service statistics
  - Radio station patronage
- GRAPHS and SPREADSHEETS
  - Network capacity usage
  - Network service statistics
  - Network data statistics
  - Network visitor statistics
  - Network voice calling
  - Carspace traffic statistics
  - Broadcast radio statistics
- MAPS
  - Carspace
  - Convoy
  - Destination
  - Flood
  - Guidance
  - Location
  - Parking
  - Plow
  - Pothole
  - Project
  - Roadsign
  - SWBN
  - Tireprint
  - Traffic
  - Weather

► **Network Policies**

- TERMS
- PRIVACY
- SECURITY
- AUTHORIZATIONS
- VALIDATIONS
- CERTIFICATIONS
- DOCUMENTATIONS
- IDENTIFICATIONS
- REGISTRATION

- PRIVATE REGISTRATIONS
- PUBLIC SAFETY REGISTRATIONS
- COMMERCIAL REGISTRATIONS
- PERMISSIBLE USES
- IMPERMISSIBLE USES
- PERSONAL USES
- OFFICIAL USES
- PUBLIC DATA AGGREGATES
- DATA STORAGE LIMITS
- OPEN FORUMS
- CLOSED FORUMS
- VALID/INVALID REQUESTS
- OPINION POLLS
- PREEMINENT SERVICE
- NEIGHBORHOOD WATCH SERVICE
- EMERGENCY CONTACT SERVICE
- RETAIL TRANSACTION SERVICE
- MUTUAL AGREEMENT SERVICES
- OWNER-OPERATOR SERVICES
- NEARTIME TRACKING SERVICES
- ARCHIVE SERVICES
- THEFT NOTIFICATION SERVICES
- NGO VEHICLES/PERSONNEL
- EMERGENCY RESPONSE VOLUNTEERS

► **Network Glossary**

airbag

- A free opt-in telematics service in which a vehicle-owner provides information useful to first responders and personal contacts upon ACN activation

ACN

- Automatic Collision Notification

antennae

- A fee-based opt-in telematics service that alerts the vehicle-owner if the vehicle moves or the wireless link is broken while parked

backseat

- Having access to text-to-voice messaging as authorized by the vehicle-owner

capacity-graph

- A timeline that exhibits a DBL's entire spectrum's volume of use and its capacity reserve

call-ins

- A fee-based opt-in telematics service in which voice-calls originate through 3rd-party providers

call-outs

- A fee-based opt-in telematics service in which voice-calls originate from the vehicle

**carpass**

- A free opt-in telematics service for remote entrance activations
- A fee-based opt-in telematics service for remote retail payments

**carspace**

- Of, or pertaining to, a specific personal vehicle

**carspace-map**

- A color-coded graphic map depiction of a specific vehicle's current location/trip

**carspace-miles**

- The distance traveled by all personal vehicles that utilize the commercial spectrum

**caution-light**

- A free opt-in telematics service for vehicle-owners to automatically alert or remind the driver of conditions and surroundings

**commercial modem**

- A plug-in telematics module certified for business use in a vehicle

**convoy**

- A free opt-in telematics service in which carspaces agree for their locations to be seen amongst themselves

**convoy-map**

- A color-coded graphic map depiction of current vehicle locations between 2 or more pre-arranged carspaces

**data-graph**

- A timeline that exhibits the demands for visual data

**DBL**

- A state D-Block Licensee service provider

**destination-map**

- A color-coded graphic map depiction of a route-guided path to a fixed location/place

**DMV**

- A state Department of Motor Vehicle registry

**doorlocks**

- The online means by which vehicle-owners authorize others to access a specified carspace

**flood-map**

- A color-coded graphic map depiction of a current or potential flood location

**frontseat**

- Having access to carspace data and status as authorized by the vehicle-owner

**gas-pedal**

- A free opt-in telematics service in which a vehicle-owner shall be notified whenever the vehicle exceeds a designated speed, for a designated time, in a designated area

**geo-fence**

- A vehicle-owner's designated geographic boundaries of a carspace

**glovebox**

- A free opt-in telematics service for vehicle-owners to store a set limit of data for an indefinite time

**green-light**

- A valid and authorized transmission originating from a passcode user within the network

**guidance-map**

- A color-coded graphic map depiction of a route-guided path along with audible prompts to a fixed location/place

**hearing-impaired**

- A free opt-in telematics service for vehicle-owners to substitute unique visual alerts and reminders to the driver of conditions and surroundings

**hitchhiking**

- An in-network request for transportation or carpooling made to other patrons
- An out-of-network inquiry for transportation or carpooling made to patrons

**horn**

- Any remarks/comments/requests/inquiries to be heard by others

**hours-of-service**

- A free opt-in telematics documentation service for commercial vehicle owner-operators

**immobilizer**

- A factory-installed anti-theft system that impedes the movement or use of the vehicle

**in-network**

- Having a certified and verified point of origin

**inquiry**

- A message from an out-of-network party that attempts to contact a patron

**invalid**

- A user's unsolicited request or inquiry made to an unknown party(s)
- A user's unauthorized request made to a known party(s)

**keys**

- The online means by which vehicle-owners authorize and define services to a carspace

location-map

- A color-coded graphic map depiction of a specified fixed location/place

market-graph

- A timeline that exhibits the demands of broadcast radio listeners

merges/exits

- An account of how many users enter and leave the network during a given time-frame

mileage

- A measure of the SWBN segment's effective benefits to carspaces

motorworks

- A free opt-in telematics service in which a vehicle-owner may obtain engine performance data under real use conditions

NGO users

- Private Non-Government Organization vehicles that infrequently may be granted public safety user status
- Personnel that are certified by a jurisdictional emergency management authority to possess 700Mhz preeminent service handsets

odometer

- The means by which patronage is measured
- The means by which data utilization is measured

off-air

- Not in the process of receiving SWBN hosted services

off-air-miles

- The miles traveled by carspaces while not using wireless telematics services

offline

- Not receiving DBL Website services

official modem

- A plug-in telematics module certified for official government use in a vehicle

on-air

- In the process of receiving SWBN hosted services

on-air-miles

- The miles traveled by carspaces while using wireless telematics services

online

- In the process of receiving DBL Website services

out-of-network

- Having an uncertified point of origin

parking-map

- A color-coded graphic map depiction of locations

and current occupancy status of parking areas

parking-spot

- A reference to the amount of held carspaces

passcode

- An alphanumeric code created by the vehicle-owner
- A biometric algorithm of the vehicle-owner created at the DMV

passengers

- Parties authorized by the vehicle-owner that have been granted access to a specified carspace

passersby

- Carspaces that were at a specified location through a given time-frame

past-riders

- Passengers whose usernames and passcodes have expired

patron

- Of, or pertaining to, a government or private SWBN certified member
- A passcode user

personal modem

- A plug-in telematics module certified for private use in a vehicle

plow-map

- A color-coded graphic map depiction of current locations and time-lapse tireprints of snow plows

pothole-map

- A color-coded graphic map depiction of current pothole locations/areas/density

private-road

- The online means by which patrons may contact or share opinions with other in-network users
- The online method by which brings authentic in-network information

private-users

- Private citizens that may or may not be certified patrons

project-map

- A color-coded graphic map of current and upcoming DOT scheduled road/highway/bridge work
- A color-coded graphic map of scheduled and unscheduled utility work

public-highway

- The online means by which anyone may contact or share opinions with in-network users
- The online method by which brings out-of-network contacts and opinions

**radio**

- Of, or pertaining to, commercial broadcast radio stations

**range**

- A free opt-in telematics service in which a vehicle-owner shall be notified whenever the vehicle leaves from and/or enters into a designated area

**red-light**

- An unverifiable transmission originating from an unknown out-of-network user

**reminder**

- A real name or identifier used by the vehicle-owner to recall a true identity
- An alert to conditions and agreements set by the vehicle-owner for each owned carspace

**request**

- A message from a patron that attempts to contact another patron or to access a personal carspace

**ride**

- A granted request to enter a personal carspace

**roadmap**

- The online means by which vehicle-owners may download navigational data to a carspace prior to the start of a trip
- The online means by which vehicle-owners may reference place locations and street/road/highway layouts

**road-marking**

- A free opt-in telematics service in which a tireprint-map may be used to reference a location that warrants attention or discussion

**roadsign**

- A road-marking that has been described online and sent to another party(s)

**roadsign-map**

- A color-coded graphic map depiction of density where comments of concern are posted

**route-guided**

- General term for navigation assisted services in which destination-maps and guidance-maps are implied inclusively

**safety users**

- Vehicles from a government organization that are certified by the DMV to have preeminent service
- A government organization that is certified by a jurisdictional emergency management authority to possess 700Mhz preeminent service handsets

**salamander-map**

- The online means by which vehicle-owners may draw parameters on a map

**service-graph**

- A timeline that exhibits a DBL's patron demands for information services

**side-mirror**

- A location that has been passed by
- A potential place for a roadsign

**status-maps**

- General term for all service provided graphic maps in which colors and symbols denote the status of a specified data set

**SWBN**

- Shared Wireless Broadband Network

**SWBN-map**

- A color-coded graphic map of current and upcoming wireless area coverage

**telematics**

- Wireless duplex communications between a vehicle embedded unit and a remote commercial service provider

**time-frame**

- A start and end point in time

**time-lapse**

- A method by which changes in data are represented in status-maps as movements of symbols, changes in colors, or changing shades of a color through a selected time-frame

**tireprint-map**

- A color-coded graphic map depiction of a route traveled by a designated carspace

**traffic-map**

- A color-coded graphic map depiction of neartime taillight traffic conditions surrounding a carspace
- A color-coded graphic map depiction of neartime, pastime, and forecasts of 2-way traffic conditions viewed online

**transport**

- A free opt-in network service in which online users may solicit patrons for transportation and carpool arrangements

**tripometer**

- The online means by which a vehicle-owner may view his/her latest carspace-map, whether or not the vehicle unit is in use
- The online means by which anyone may view SWBN statistics and usage

**truckpass**

- A free opt-in telematics service for remote entrance activations
- A fee-based opt-in telematics service for remote retail payments

tuned-in

- A point in time in which a carspace selects a specific radio station

tuned-out

- A point in time in which a carspace switches to another radio station

user-minutes

- A measure of time exposure

username

- A means to validate a passcode that may or may not be the user's real name

valid

- A user's network sanctioned message made to a known party(s)

vanity-tag

- An alphanumeric code created and used by the vehicle-owner
- A means by which a vehicle-owner may be known to others by another name

visitors-graph

- A timeline that exhibits the demands of patrons visiting from another State

voice-call

- A fee-based opt-in telematics service for carspaces that inherently limits the time a driver's attention is distracted from the road

voice-graph

- A timeline that exhibits the demands of 2-way audible communications made with carspaces

volunteer-status

- A carspace with further certification from a first responder organization that infrequently may be granted public safety user status

V2V

- Vehicle-to-Vehicle communications common to a vehicle-owner's fleet of carspaces
- Vehicle-to-Vehicle communications common to a mutually agreed upon convoy

weather-map

- A color-coded graphic map depiction of near-time weather conditions surrounding a carspace
- A color-coded graphic map depiction of near-time, past-time, and forecasts of weather conditions viewed online

Website

- Of, or pertaining to, the DBL's Internet hosted services

yellow-light

- A verifiable transmission originating from a passcode user within the network

3rd-party

- A commercial enterprise that provides duplex voice and data services to portable devices
- A commercial enterprise that provides half-duplex monitoring services of equipment, persons or pets

911

- A free telematics service common to all carspaces for contacting emergency personnel through ACN activation or manually by unit operation

$\pm\% \Delta$

- plus or minus percentage change