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48. REQUEST:

Provide data for the Company's cell sites, network deployment, voice and data traffic, and backhaul, as specified in Attachment A.

RESPONSE:

1. Cell Sites. In Exhibits 48-1 through 48-5, AT&T is providing information responsive to this request, consistent with discussions with Commission staff.

As described in AT&T's proposed modifications, AT&T is providing a .csv file in Exhibit 48-1, which contains, for each cell site, (i) the Fixed Asset ("FA") location,²² for the site, (ii) AT&T's current records of the name, address, and telephone number²³ of the primary third party (owner or manager)²⁴ associated with the site,²⁵ (iii) whether the structure is owned by the company, (iv) the number of wireless tenants for structures owned by the company,²⁶ (v) the name of the cell site, (vi) the street address, city, state, and zip code for the site, (vii) the county and FIPS for the site, (viii) the geographic latitude and longitude for the site, (ix) the site elevation, (x) the site structure height and type,²⁷ (xi) the CMA number and name, and (xii) the BTA number and name. Exhibit 48-1 also contains similar information for AT&T's DAS²⁸ and

²² The same FA number or other identifier, or address, may appear across Exhibit 48-1 in the .csv file for those sites that transmit from a combination of cell sites, DAS, or Wi-Fi.

²³ In the ordinary course of business, AT&T may not keep telephone, address or other data for the tower owner or manager of each transmission site. To the extent AT&T has the data, it has been provided on the lists.

²⁴ Some transmission sites involve multiple leases, e.g., one lease for the structure, another lease for the ground. In such instances, we have provided the primary third party landlord associated with the transmission site.

²⁵ For AT&T-owned structures, AT&T's records maintained in the ordinary course of business list the landlord to which AT&T pays monthly rent, e.g., for space on a building, ground lease, and the like.

²⁶ Although AT&T has not specifically provided the site structure ownership, the company has provided the payee/landlord for the cell site; for AT&T-owned towers the landlord is typically the landowner, and for the others that is typically the tower owner.

²⁷ At the Commission's request, AT&T has confirmed that the cell site data presented in Exhibit 48-1 can be distinguished on a microcell and macrocell basis. In the structure type column, those sites that are not listed as either microcell or picocell are macro sites.

²⁸ A DAS is a network of spatially separated antenna nodes, connected to a common source called a DAS Hub to provide wireless service within a geographic area or structure. DAS provides coverage in heavily trafficked areas and in areas that are not accessible through traditional wireless sites (e.g., in tunnels or buildings that are difficult for

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Wi-Fi sites. These data are provided as of March 2011.

AT&T is also providing a .csv file in Exhibit 48-2, which contains, for the sites recently acquired from Verizon Wireless, ALLTEL, and Rural Cellular Corporation (RCC), the FA location, vendor, state, county and FIPS, latitude and longitude, CMA number and name, and BTA number and name.

Consistent with AT&T's discussions with the Commission staff, Exhibits 48-1 and 48-2 do not identify the number of wireless tenants for towers that the company does not own,²⁹ the number of spaces available for other wireless mobile service providers on structures,³⁰ or the geographic classifications (i.e., urban, suburban, or rural) for its cell sites.³¹

Pursuant to the Commission's request that AT&T identify historical cell site data it maintains in the ordinary course of business, and consistent with AT&T's proposed modifications, AT&T is also providing a .csv file in Exhibit 48-3 which contains AT&T's records regarding the "on air" date for its cell sites. AT&T does not in the ordinary course of business maintain an established protocol for tracking the date on which each of its cell sites went "on air."³² The dates reflected in Column D of the "Data" tab in Exhibit 48-3 may be based on a variety of circumstances, including, for example, when the cell site was acquired, when a

towers to penetrate). For the list of DAS sites, there is only one entry per each system rather than separate entries for each antenna structure within the DAS.

²⁹ AT&T does not maintain in the ordinary course of business aggregated information in a manner that identifies the number of wireless tenants for towers that the company does not own.

³⁰ The amount of available "space" varies depending on several factors, including: the height of the tower; the height of the structure relative to surrounding obstructions (e.g., trees, buildings, hills, etc.); the structural integrity of the structure (e.g., steel, foundation size); and the equipment, technology, and the intended purpose of the tenant who seeks to collocate on the structure.

³¹ AT&T does not maintain in the ordinary course of business aggregated information in a manner that identifies the geographic classification in terms of urban, suburban or rural, and, instead, has provided the street address, city, state and zip code for each site.

³² When a specific cell site comes online is not a metric that AT&T tracks for operational purposes in the ordinary course of business, and is complicated by the fact that AT&T is comprised of many legacy companies.

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lease was signed, the date sites were acquired through acquisitions, or the actual date the cell site came into service.

The cell site information contained in Exhibits 48-1 and 48-3 was obtained from AT&T's [Begin Highly Confidential Information] [End Highly Confidential Information] databases and then combined to produce the final datasets presented. [Begin Highly Confidential Information]

[End Highly Confidential Information]. Exhibit 48-4 identifies the searchable fields available in the [Begin Highly Confidential Information] [End Highly Confidential Information] database. [Begin Highly Confidential Information]

[End Highly Confidential Information]. Exhibit 48-5 identifies the searchable fields available in the [Begin Highly Confidential Information] [End Highly Confidential Information] database. The cell site information contained in Exhibit 48-2 was provided during the acquisition process from the seller.

2. Deployed Carriers. Exhibits 48-6 through 48-11, AT&T provides a .csv file and other files that contain information responsive to this request, consistent with the modifications proposed by AT&T on June 2, 2011 and June 7, 2011.

Consistent with discussion with the Commission's staff, AT&T is providing .csv files, in Exhibits 48-6, 48-7, 48-8 and 48-9, covering years 2008 through 2011, respectively. These files contain, on a quarterly basis, for each deployed UMTS site, the current operator of the site, the Site ID Number, the number of UMTS carriers, the frequency band, the spectrum block, and the

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center frequency, separately for upload and download.³³ These exhibits also contain, on a quarterly basis, for each deployed GSM site, the current operator of the site, the Site ID Number, and the frequency band.³⁴

At the Commission's request, and consistent with AT&T's discussions with the Commission's staff, AT&T is also providing a Microsoft Excel file, in Exhibit 48-10, which identifies the sites where enhanced backhaul has been installed at HSPA+ software enabled sites permitting HSPA+ connectivity, and the date that occurred.³⁵

At the Commission's request, and consistent with AT&T's proposed modifications, AT&T has also provided Exhibit 48-11, which contains, at a county (FIPs) level, AT&T's current frequency reuse plan in terms of the number of unique frequencies employed for BCCH (control channels). For example, a 4/12 frequency reuse plan, which employs 12 separate BCCH frequency channels on 4 adjacent cell sites (three sectors each), is represented in the table as 12. To calculate the amount of spectrum allocated to the BCCH, one can multiply the number of unique frequency channels by the 200 KHz of bandwidth on each channel on a GSM deployment. In a small minority of counties, the company employs an ad hoc frequency reuse plan in which the BCCH and hopping pool share the channels. AT&T's engineers have

³³ The datasets from which these data were extracted report UMTS carriers that have been configured at the cell site. There may be a short lag between configuration and activation/carrying traffic.

³⁴ The GSM deployments reported in the Exhibit Are active. The deployment information provided in response to this request is derived from files that AT&T maintains in the ordinary course of business called the **[Begin Highly Confidential Information]** **[End Highly Confidential Information]**, which contains data from January 2008 through April 2011. The fields in this **[Begin Highly Confidential Information]** **[End Highly Confidential Information]** file are included in the exhibit, except for the following: NodeB, UTRANCell, USEID, and PCS and Cellular spectrum holdings.

³⁵ These data are contained in a data file provided by AT&T's Ethernet project team. The file tracks sites that have enhanced backhaul needed for HSPA+ connections. The fields in the original data file are as follows: USID, FA, Region, ED Market, Build Market, IF/OOF POR, LTE Region, LTE Flag, Site, NODEB, and Date.

determined that this is approximately equivalent to a 5/15 plan.³⁶

3. Voice and Data Traffic. In Exhibits 48-12 through 48-14, AT&T provides .csv files that contain information responsive to this request, consistent with the modifications proposed by AT&T on June 2, 2011 and June 7, 2011.

AT&T in the ordinary course of business maintains numerous metrics for its network. For example, **[Begin Highly Confidential Information]**

[End Highly Confidential Information]

The .csv file in Exhibit 48-12 contains data and voice usage for each UMTS site (by USID)³⁷ measured in kilobytes (for data) and Erlangs (for voice), during the monthly busy hour.³⁸ UMTS data usage is provided separately for the uplink and the downlink. The .csv file in Exhibit 48-13 contains both data and voice usage for each GSM site, combined for the uplink and downlink, measured in Erlangs for the monthly busy hour. At the Commission's request, AT&T also provides an estimate of GSM data usage in terms of Kilobytes, using a formula that converts Erlangs to Kilobytes.³⁹ These exhibits identify the CMA associated with each site.⁴⁰

³⁶ AT&T maintains this report in the ordinary course of business, and all fields associated with this report are included in this Exhibit.

³⁷ At the Commission's request, AT&T has confirmed that the Universal Site IDs (or "USIDs") that AT&T uses to identify unique cell sites are not reused, including USIDs associated with decommissioned cell sites.

³⁸ The monthly busy hour is the combined voice and data busy hour used by AT&T in the ordinary course of business.

³⁹ There is no set formula for converting Erlangs to Kilobytes. The number of Kilobytes per Erlang depends on many factors including, for example, RF conditions, the number of user-stacked time slots, and the type of device that is being used. For the purposes of this exhibit, AT&T applied the conversion factor it often uses internally

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The Microsoft Excel file in Exhibit 48-14 identifies the data files from which these data were extracted, and the fields available in those data files.⁴¹

4. Backhaul. In Exhibits 48-15 through 48-21, AT&T provides .csv files that provide information responsive to this request, consistent with the modifications proposed by AT&T on June 2, 2011 and June 7, 2011.

The .csv file in Exhibit 48-15, contains, for each cell site, the source, and amount of DS1, DS3, and Ethernet backhaul in use as of May 2011, including (i) the market cluster and market, (ii) the Site ID number and operator, (iii) the FA location for the site, (iv) the USID for the site, (v) the type of backhaul (bandwidth) provided (*e.g.*, DS1, DS3, OC, Ethernet, microwave), (vi) the Path Id for the site, (vii) the Segment Id for the site, (viii) the vendor for the site, (ix) the path use type, status, and date activated, and (x) capacity for the site.⁴²

The .csv file in Exhibit 48-16, contains the same information on backhaul capacity for each cell site that was active, but then decommissioned, during the period of January 1, 2007 and to the present.

The .pdf file in Exhibit 48-17, contains the cost of backhaul for each of AT&T's 27

when the various conditions needed to compute a more precise conversion factor are not available (as is the case here). That conversion factor is 1 Erlang equals 100 Kilobits (and kilobits are then converted to kilobytes).

⁴⁰ For 2010, AT&T has determined that it maintain snapshots for two, not three, months. For UMTS AT&T is providing information for the following periods: September, 2007, January 2008, May, 2008, September 2008, January 2009, May 2009, September 2009, March 2010, September 2010, and March 2011. For GSM, AT&T has information for the following periods: May 2007, September 2007, January 2008, May 2008, September 2008, January 2009, May, 2009, September 2009, March 2010, September 2010, and March 2011.

⁴¹ At the Commission's request, AT&T has investigated whether it has third party testing of actual traffic on AT&T's network, and AT&T has confirmed that it does not in the ordinary course of business maintain such materials.

⁴² The capacity is stated in terms of bandwidth and not broken down by incoming versus outgoing. AT&T does not in the ordinary course of business segregate capacity in terms of incoming versus outgoing, which should be the same.

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regional clusters,⁴³ for DS1, DS3, and Ethernet backhaul, on a monthly basis from January 2008 to April 2011.⁴⁴

The .csv file in Exhibit 48-18, contains, *inter alia*, all of the call signs (Column B), licensees (Column C), capacity (Columns AG and AH), and paths (Column AM) for each microwave license that AT&T uses for microwave backhaul.⁴⁵

AT&T does not in the ordinary course of business maintain aggregated information sufficient to identify the type of technology used for backhaul at each site (*i.e.*, copper, fiber, HFC, Fixed Wireless/Satellite) because such information is not kept by the company in the ordinary course of business, although AT&T notes that most OC and Ethernet facilities are fiber facilities.⁴⁶

The .xls file in Exhibit 48-19 and the .pdf file in Exhibit 48-20 identify the **[Begin Highly Confidential Information]** **[End Highly Confidential Information]** applications⁴⁷ from which the backhaul data was extracted. Exhibit 48-19 contains the list of tables AT&T uses from the **[Begin Highly Confidential Information]** **[End Highly Confidential Information]** application, including a brief description of the purpose or object

⁴³ AT&T does not maintain records for backhaul costs at the cell site level; thus, this information has been provided at the regional level.

⁴⁴ Due to accounting changes to market allocation, however, the 2011 cost data is an estimate based on historical trends. Data for all DS3 circuits are included, even though most of those circuits are generally used for trunking between switches and only a small fraction connect to a cell site. It is not possible to disaggregate data for DS3 circuits that connect to specific cell sites.

⁴⁵ AT&T does not maintain in the ordinary course of business, the source, amount, and cost of microwave backhaul capacity for each site on a monthly basis. There are no monthly costs associated with maintaining microwave backhaul beyond monthly tower rent for microwave antennas on structures not owned by AT&T. Rather, AT&T pays capital charges in connection with the initial deployment of microwave backhaul, which includes the initial cost of equipment and license fees. AT&T does not maintain historical records of microwave backhaul for each site.

⁴⁶ At the Commission's request, AT&T has examined whether it maintains historic backhaul traffic data. Although AT&T has provided historical information identifying decommissioned circuits, AT&T does not maintain backhaul traffic data in the ordinary course of business.

⁴⁷ AT&T has not deployed all available aspects of the **[Begin Highly Confidential Information]** **[End Highly Confidential Information]** applications.

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supported. It also includes the customized User Defined Attributes (UDA) which are an extension of the core fields to support the business. Exhibit 48-20 describes the [Begin Highly Confidential Information] [End Highly Confidential Information] application, including the field level for all supported objects. Exhibit 48-21 identifies the [Begin Highly Confidential Information] [End Highly Confidential Information] application from which microwave backhaul data was extracted, including a list of the searchable fields available in that application.

49. REQUEST:

Provide the Company's billing data, including data on plans, subscribers, and additions, as specified in Attachment B.

RESPONSE:

AT&T is providing data in response to this request in Exhibit 49-1, as specified in Attachment B of the Request consistent with its discussions with the Commission's staff.

Table 1:

- The data is broken down at the 27 market cluster level, rather than by CMA.
- Fields 13 to 16 have been omitted.

Table 2:

- This data is broken down at the 27 market cluster level, rather than by CMA.
- In field 7, AT&T will provide suspends in lieu of inactive lines for postpaid customers.
- Fields 5, 7, 8, 12-14, and 18 have been omitted for prepaid customers.

Table 3: AT&T is not able to provide the information as requested in the third table of Attachment B, Billing_Additions. The Commission asked that AT&T investigate what type of data it could provide, and specifically, with regard to rate plan performance and Key Performance Indicators ("KPI") used to assess market performance. AT&T has work diligently to provide as much responsive information as possible. Specifically, AT&T has provided the

following information:

Rate Plan Performance: AT&T is providing: **[Begin Confidential Information]**

[End Confidential

Information] AT&T is providing these reports going back **[Begin Confidential Information]**

[End Confidential Information] Although the Commission requested this data at the individual rate plan level, **[Begin Confidential Information]**

[End Confidential Information]

AT&T is providing data for Table 1 and Table 2 in .csv format, as the Commission requested. AT&T is providing data for Table 3, however, in several PDF and Excel files because the reports requested by the Commission during our telephone conference of June 2, 2011, do not exist in .csv format.

50. REQUEST:

Provide data for the Company's spectrum holdings, responses to customers' requests for proposals (RFP's), number of subscribers, retail locations, handsets, and network quality, as specified in Attachment C.

RESPONSE:

In Exhibits 50-1 through 50-14, AT&T provides files that contain information responsive to this request.

LTE Spectrum

The .csv file in Exhibit 50-1 are responsive to Attachment C Table (Spectrum) of Request No. 50. The .csv file entitled “Initial Amount of Spectrum to Launch Sites in 80% Plan” provides responsive information under AT&T’s plan, prior to the Proposed Transaction, to deploy LTE to 80% of the U.S. population.⁴⁸ The .csv file entitled “Initial Amount of Spectrum to Launch Sites in 97% Plan” provides responsive information under AT&T’s commitment to deploy LTE to more than 97% of the U.S. population if the Proposed Transaction is consummated. AT&T intends to launch its LTE network using 700 MHz or AWS spectrum in as many areas as possible.⁴⁹ The information in the .csv files of Exhibit 50-1 is AT&T’s preliminary allocation of spectrum for LTE launches.

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⁴⁸ Certain counties will receive LTE coverage as a result of an LTE site that is launched in an adjacent county. Any county that obtains “spillover” coverage, but has no site located in that county is not listed in Exhibit 50-1.

⁴⁹ For the purpose of this Exhibit, the 700 MHz spectrum AT&T has proposed to purchase from Qualcomm is not attributed to AT&T because that spectrum is unpaired and likely will not be available for LTE deployment until late 2014 at the earliest. However, 700 MHz or AWS spectrum that is the subject of other pending and recently approved acquisitions by AT&T (e.g., transactions with Redwood Wireless Corp., Windstream Corporation, Viacel Corporation, Knology of Kansas Inc., and Whidbey Telephone Company, and ArkWest) has been attributed to AT&T for purposes of this Exhibit.

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Subscribers

In Exhibits 50-3 through 50-5, AT&T is providing files that contain information

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responsive to this request, consistent with the modifications proposed by AT&T on June 2, 2011.

The .csv file in Exhibit 50-3 contains the following information for postpaid subscribers: the number of subscribers, the number of smartphone subscribers, total revenues, service revenues, other revenues, data revenues,⁵¹ voice revenues, messaging revenues,⁵² overage revenues,⁵³ voice minutes of use, data use in megabytes, the number of messages,⁵⁴ average revenue per user,⁵⁵ average messaging revenue per user, average data revenue per user, gross additions, net additions, and the churn rate. All data is provided by CMA.⁵⁶ All subscriber-related and revenue-related information is provided monthly from January 2008 through March 2011. All usage-related information is provided monthly from April 2010 through March 2011.⁵⁷

The .csv file in Exhibit 50-4 contains the following information for prepaid subscribers:

⁵¹ AT&T in the ordinary course of business maintains postpaid data revenue in a manner that includes data generated by MMS services together with revenue generated by other data services, e.g., Internet browsing. The reported data revenues, therefore, include data revenues generated by MMS services.

⁵² AT&T in the ordinary course of business maintains postpaid messaging revenues in a manner that includes only SMS messaging revenues.

⁵³ The overage revenues that AT&T maintains in the ordinary course of business for postpaid subscribers are revenues associated with “pay per use.” Pay-per use occurs where a postpaid subscriber incurs charges as a result of exceeding minutes, data, or messaging permitted by a plan, or where the subscriber has chosen to not purchase a plan and thus pays for such services on a per use basis. AT&T’s systems contain postpaid overage revenues beginning in June 2008.

⁵⁴ The number of messages includes both SMS and MMS.

⁵⁵ Monthly average revenues for postpaid, prepaid and data-only services are computed by dividing revenues by the average number of subscribers for each month. The average number of subscribers for each month is computed by adding the number of subscribers at the beginning of the month to the number of subscribers at the end of the month, and dividing that total by two.

⁵⁶ AT&T does not in the ordinary course of business maintain postpaid, prepaid or data-only information by CMA. To provide information responsive to this request by CMA, AT&T used subscriber billing zip codes to map each subscriber (and corresponding revenue and usage) to a county, and then AT&T mapped each county to a CMA. In a very small number of instances (less than half of a percent), the billing zip code could not be mapped to a CMA, and in these instances, the CMA data field in the Exhibit is empty.

⁵⁷ As set forth in AT&T’s proposed modifications, AT&T can provide usage data for postpaid customers for thirteen months, as AT&T does not in the ordinary course of business maintain such usage data beyond that period. At the Commission’s request, AT&T has confirmed that AT&T’s systems lack usage data beyond thirteen months. In addition, as set forth in AT&T’s proposed modifications, AT&T has not provided information related to retentions or retention costs, because AT&T does not maintain these data in the ordinary course of business. All information provided in response to Request No. 50 includes all subscribers provisioned by AT&T’s systems. There is a relatively small number of subscribers that AT&T obtained through acquisitions and divestitures who are currently billed by legacy systems of other carriers, and have not yet been migrated to AT&T’s billing systems.

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the number of subscribers, the number of smartphone subscribers, total revenues, service revenues, other revenues, data revenues,⁵⁸ voice revenues, messaging revenues,⁵⁹ voice minutes of use, data use in megabytes, the number of messages, average revenue per user, average messaging revenue per user, average data revenue per user, gross additions, net additions, and the churn rate. All data is provided by CMA. All data is provided monthly from January 2008 through March 2011.

The .csv file in Exhibit 50-5 contains the following information for data-only subscribers:⁶⁰ the number of subscribers, total revenues, service revenues, other revenues, data revenues, overage revenues,⁶¹ data use in megabytes, average revenue per user, average data revenue per user, gross additions, net additions, and the churn rate. All data is provided by CMA. All subscriber-related and revenue-related information is provided monthly from January 2008 through March 2011. All usage-related information is provided monthly from April 2010 through March 2011.⁶²

The .xlsx file in Exhibit 50-6 contains information responsive to this request related to equipment revenues. This exhibit contains AT&T's monthly equipment revenues from January 2008 through March 2011. These data are provided separately for each AT&T company cluster

⁵⁸ In the ordinary course of business, AT&T's prepaid data revenues and usage do not include amounts generated by SMS and MMS services.

⁵⁹ In the ordinary course of business, AT&T's prepaid messaging revenues and usage include amounts generated by SMS and MMS services.

⁶⁰ To identify data-only services subscribers, usage, and revenue information, AT&T identified subscribers that use data-only devices, including tablets, netbooks, aircards, and mobile wireless hotspots (e.g., the Mi-Fi device).

⁶¹ The overage revenues that AT&T maintains in the ordinary course of business for data-only subscribers are revenues associated with "pay per use." Pay-per use occurs where a data-only subscriber incurs charges as a result of exceeding data usage permitted by a plan. AT&T's systems contain data-only overage revenues beginning in June 2008.

⁶² As set forth in AT&T's proposed modifications, AT&T can provide usage data for data-only customers for thirteen months, as AT&T does not in the ordinary course of business maintain such usage data beyond that period.

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area.⁶³ This Exhibit Also contains information responsive to this request related to costs per gross addition, cash cost per user, and cost of service revenues. This information is provided monthly from January 2008 through March 2011, and separately for each AT&T company cluster area.⁶⁴ The cost per gross addition is provided separately for postpaid and prepaid services, and the cash cost per user and cost of service information is provided as a total for all services.⁶⁵ Large portions of the expenses and costs associated with AT&T's mobile network are not directly attributable to any particular geographic area or line of business. As just one example, AT&T's cell towers serve all aspects of the wireless business. For accounting purposes, however, AT&T's financial systems contain formulas that allocate AT&T's various expenses and costs among geographic areas and AT&T's lines of business, and these allocations are reflected in the information provided in Exhibit 50-6. Although these are valid accounting cost metrics, they cannot and do not reflect the economic costs of any particular geographic area or line of business (*e.g.*, postpaid or prepaid).

The .xlsx file in Exhibit 50-7 contains the names of the databases from which the information in Exhibits 50-3 through 50-6 were extracted, and the available fields in those databases. The source of information related to postpaid subscribers, usage and revenues is described in Tab 1. The source of information related to prepaid subscribers, usage and revenues is described in Tab 2. The source of information related to costs and equipment revenues is described in Tab 3.

⁶³ As set forth in AT&T's proposed modifications, AT&T does not in the ordinary course of business maintain equipment revenues in a manner that can be allocated to CMAs, and AT&T therefore provides these data in the manner in which it maintains them in the ordinary course of business.

⁶⁴ As set forth in AT&T's proposed modifications, AT&T does not in the ordinary course of business maintain the requested cost information in a manner that can be allocated to CMAs, and AT&T therefore provides these data in the manner in which it maintains them in the ordinary course of business.

⁶⁵ As set forth in AT&T's proposed modifications, AT&T does not in the ordinary course of business maintain cost per user and cost of service information in a manner allocated to postpaid, prepaid, or data-only services, and these data are therefore reported as totals.

Retail Locations

The .csv file in Exhibit 50-8 contains information responsive to the Commission's requests related to retail locations. This exhibit contains the following information: location ID, dealer code,⁶⁶ channel type,⁶⁷ address, city, state, zip code, county FIPS, and type of retail location.⁶⁸ AT&T cannot answer which corporate stores will remain post-transaction or absent the transaction, as these decisions have not yet been made, and thus such information is not available.

Handsets

The .csv file in Exhibit 50-9 contains information responsive to the Commission's requests related to handsets. The exhibit contains data on the number of different individual devices – by category/type – that connected to the network in each of the company's submarkets at least once a month from September 2008 through March 2011. This exhibit contains the following information: month and year for which the data is being collected (from September 2008 through March 2011), submarket, number of iPhone devices, number of non-iPhone smartphone devices, number of other voice capable devices, number of all voice capable devices.⁶⁹ This exhibit was created using pre-summarized data (at the device category and submarket level) from industry standard, 3GPP compliant call data records generated by the mobility switches.

The .csv file in Exhibit 50-10 also contains information responsive to the Commission's

⁶⁶ This field indicates a five-digit combination of letters and numbers that is unique to each retail location.

⁶⁷ This field indicates whether the location is company owned ("COR"), a local dealer that only sells AT&T products and services ("Exclusive" or "Branded"), or a local dealer that sells AT&T products and services as well as the products and services of other carriers ("Non-exclusive").

⁶⁸ This field indicates whether the location is a kiosk, a store (both of which are company owned) or a local dealer ("LD").

⁶⁹ AT&T does not in the ordinary course of business maintain summary records detailing non-voice device connections.

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requests related to handsets. The exhibit contains spreadsheet with the following information: month and year for which the data is being collected (from September 2008 through March 2011), submarket, data usage (measured in megabytes) of iPhone devices, data usage (measured in megabytes) of non-iPhone smartphone devices, data usage (measured in megabytes) of other data capable devices (including data only and mobile-to-mobile devices), and data usage (measured in megabytes) of all data capable devices. This exhibit was created using pre-summarized data (at the device category and submarket level) from industry standard, 3GPP compliant call data records generated by the serving GPRS support nodes.

Exhibit 50-11 is a list of submarkets.

Exhibit 50-12 is a map showing submarket locations.

Network Quality

The .csv file in Exhibit 50-13 contains information responsive to the Commission's requests related to network quality for 2G devices. AT&T can provide the requested data on a monthly basis from June 2009. This exhibit contains the following information: the month and year for which the data is being collected, the county FIPS, the CMA in which the site is located, the number of attempted calls in the county and month, the number of dropped calls in the county and month, the number of blocked calls in the county and month, the number of attempted data requests in the county and month, the number of blocked data request attempts in the county and month, and the average download rate (numbers are in kilobits per second) for all users on the network in the county and month.⁷⁰ The 2G data was taken from the NDR database. This database contains thousands of call processing event counters captured by the base station

⁷⁰ For certain months, AT&T lacked complete information for certain network performance measures, resulting in data that may appear (incorrectly) to drop dramatically and then increase again in the following month. A hyphen was used for any field containing obviously inaccurate data (i.e. instances where the number of call drops or call blocks were reported to exceed the number of calls).

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controllers.

The .csv file in Exhibit 50-14 contains information responsive to the Commission's requests related to network quality for 3G devices. AT&T can provide the requested data on a monthly basis from January 2009 forward. This exhibit contains the following information: the month and year for which the data is being collected, the county FIPS, the CMA in which the site is located, the number of attempted calls in the county and month, the number of dropped calls in the county and month, the number of blocked calls in the county and month, the number of attempted data requests in the county and month, the number of blocked data request attempts in the county and month, and the average download rate (numbers are in kilobits per second) for all users on the network in the county and month. The 3G data was taken from the NetTrack database. This database contains thousands of call processing event counters captured by the radio network controllers.