

**QuadCom Joint Emergency Telephone System Board
505 Elm Ridge Road
Carpentersville, Illinois 60110
(847) 428-8787**

1. Date: August 27, 2015
2. Proposed Modification Date: October 27, 2015
3. Submitted By: Beth Heitkamp
4. Modification: Add An Additional Community
To Be Served By The QuadCom PSAP
(Add: Village Of Barrington Hills)
5. Total QuadCom ETSB Population Now Served: 46,282
Total Barrington Hills Population Now Served: 4,400
Total Population To Be Served: 50,682
6. Total Land Area Of The QuadCom ETSB: 33 Square Miles
Total Land Area Of Barrington Hills: 29 Square Miles
Total Land Area Proposed To Be Served: 62 Square Miles
7. Total Access Lines Of The QuadCom ETSB: 20,016
Total Access Lines Of The Barrington Hills ETSB: 1,769
Total Access Lines To Be Served By QuadCom ETSB: 21,785

Modification Narrative Statement

The Village of Barrington Hills has entered into an intergovernmental agreement with QuadCom Regional Communications in Carpentersville (Kane County) to provide 9-1-1 call answering and the dispatch of public safety communication services. The QuadCom PSAP, which operates under the ICC Certification #91-0187, will receive all Barrington Hills 9-1-1 calls for service and dispatch those calls which require a law enforcement response from the Barrington Hills Police Department. On calls that require a fire or EMS response the QuadCom PSAP will also dispatch those intended for the East Dundee Fire Department and Carpentersville Fire Department, and will transfer the 9-1-1 caller to the SEECOM PSAP or Cencom PSAP where fire/EMS calls for service are dispatched for the Algonquin-Lake In The Hills, Barrington & Countryside, and Fox River Grove Fire Departments. The current Barrington Hills PSAP located at the Barrington Hills Police Department, 112 Algonquin Road, in Barrington Hills will be closed effective October 27, 2015.

Upon the decommissioning of the Barrington Hills PSAP the Barrington Hills ETSB will dissolve. Barrington Hills will become a member of the QuadCom Joint Emergency Telephone Board. Both modifications requested herein are intended to become in compliance with State of Illinois Public Act #98-0006.

The Village of Barrington Hills and the QuadCom PSAP are both entirely served by the AT&T telco. Wireline 9-1-1 calls from Barrington Hills will be routed on AT&T's Geneva router trunks to QuadCom. AT&T has advised that the trunks already installed at QuadCom are adequate to handle the additional wireline call volume from Barrington Hills. Wireless 9-1-1 calls will be routed on AT&T's Lombard router trunks. AT&T will install two (2) new Lombard trunks at QuadCom to handle the wireless call volume from Barrington Hills. The CPE at QuadCom has ample capacity to add these new trunks at all answering positions.

The back-up PSAP for QuadCom is their unstaffed back-up PSAP located at 100 Carrington Drive at West Dundee Fire Station #2. During the lapse in time it takes to relocate staff to the back-up PSAP, the City of Elgin PSAP has agreed to take overflow and back-up calls for QuadCom. Both PSAPs will have Lombard and Geneva 9-1-1 trunks capable of taking wireline and wireless 9-1-1 calls in the event the service is disrupted at the QuadCom PSAP. The Barrington Hills PSAP that currently serves Cencom for back-up and overflow will no longer provide that service as of October 27, 2015. Both the QuadCom PSAP (Certification # 91-0187) and the Elgin PSAP (Certification #90-0096) meet ICC Part 725 requirements.

Exhibit Notes:

Exhibit A: Current Barrington Hills 9-1-1 System Diagram

Exhibit B: Current QuadCom 9-1-1 System Diagram

Exhibit C: Proposed Consolidation Of Barrington Hills & QuadCom 9-1-1 Diagram

QUADCOM 9-1-1 SYSTEM

AMENDED

INTERGOVERNMENTAL COOPERATION AGREEMENT
TO ESTABLISH A JOINT EMERGENCY TELEPHONE SYSTEM BOARD
DATED JULY 20, 1989.

THIS AGREEMENT, entered into on the effective date specified hereafter, by and between the municipalities signatory hereto and also those which may hereafter become signatory:

WITNESSETH:

WHEREAS, the signatories have determined that the implementation of an enhanced 9-1-1 Emergency Telephone System would provide a significant public safety benefit to the citizens of each of the participating municipalities; and

WHEREAS, the signatories have determined that the Joint Emergency Telephone System would be beneficial on an individual and mutual basis, and

WHEREAS, Chapter 134, Paragraph 45.4 of the Illinois Revised Statutes permits the formation of the Joint Emergency Telephone System Board to oversee the implementation and operation of a 9-1-1 emergency telephone system, and

WHEREAS, Chapter 127, Section 741 of the Illinois Revised Statutes provides for the joint exercise by two or more local governments of any power common to them:

NOW THEREFORE BE IT AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:

1. Venture Established. Pursuant to Article VII, Section 10 of the 1970 Constitution and Chapter 127, Section 741 of the Illinois Revised Statutes, the undersigned have entered into an intergovernmental agreement to establish a public safety communications system including a 9-1-1 emergency telephone system. (QuadCom Public Safety Communications System Agreement, 11/87)
2. Joint Emergency Telephone System Board. The parties hereto agree to establish a Joint Emergency Telephone System Board pursuant to Chapter 134, Paragraph 45.4 of the Illinois Revised Statutes. The Joint Emergency Telephone System Board shall be made up of those individuals who serve on the QuadCom Board of Directors. Any subsequent participating municipality or fire protection district in the QuadCom Central Dispatch System shall be entitled to representation of the Joint Emergency Telephone System in a manner designated in the QuadCom Intergovernmental Agreement.
3. By-Laws. The Joint Emergency Telephone System Board shall be subject to and shall be governed by certain By-Laws, a copy of which is attached hereto as Exhibit "A" and by this reference made a part of this Agreement, together with any amendments which may be made to said By-Laws in the manner and means therein set forth.
4. Participation. The Joint Emergency Telephone System Board shall have the authority to adopt such By-Laws as are necessary for the operation of the Board.

5. Termination. Any party to this Agreement may cease to be a party hereto and may withdraw from participation in the manner and means set forth in the By-Laws.

6. Powers of the Board. The powers and duties of the Emergency Telephone System Board created by this Agreement shall include, but not be limited to the following:

- A. Planning a 9-1-1 emergency telephone system.
- B. Coordinating and supervising the implementation, upgrading, maintenance and operation of the system including the establishment of equipment specifications and coding systems.
- C. Receiving monies from the surcharge imposed under Section 15.3 of the Emergency Telephone System Act, and from any other source, for deposit into the Emergency Telephone System Fund.
- D. Authorizing all disbursements from the fund including the repayment of any monies advanced for the planning and implementation of the system.
- E. Hiring, on a temporary basis, any staff necessary for the implementation or upgrade of the system.
- F. Making and entering into contracts.
- G. Acquiring, holding and disposing of property.
- H. Incurring debts, liabilities or obligations necessary for the accomplishment of its purposes.

7. Amendment. This Agreement may not be amended, except by written agreement and resolution of all the then current parties thereto.

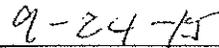
8. Duration. This Agreement shall continue in effect until rescinded by unanimous consent of the current parties.

9. Enforcement. Each member shall have the right to enforce this Agreement against any other member. If suit is necessary, a defaulting member shall pay reasonable attorney's fees as adjudicated by the Court.

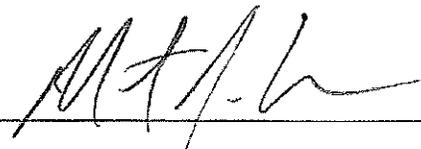
10. Effective Date. This Agreement shall become effective when signed by all respective representatives of the Village of Carpentersville, the Village of East Dundee, the Village of West Dundee, the Village of Sleepy Hollow and the Village of South Barrington.



QuadCom Joint Emergency
Telephone System Board



Date



Village of Barrington Hills



Date

LETTER OF AGREEMENT

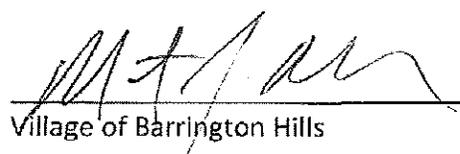
AGREEMENT made and entered into this 28TH day of SEPTEMBER, 2015 by and between the QuadCom Joint Emergency Telephone System Board (hereinafter referred to as QuadCom JETSB) and the Village of Barrington Hills for the purpose of the QuadCom JETSB providing E-911 service to the Village of Barrington Hills.

1. The Village of Barrington Hills ETSB will be dissolved effective midnight October 31, 2015 and the Village of Barrington Hills will become a member of the QuadCom JETSB effective November 1, 2015.
2. The QuadCom JETSB agrees to pay the Village of Barrington Hills the difference of the landline surcharge collected for the Village of Barrington Hills of \$1.50 per connection from the \$.63 collected from the other members of the QuadCom JETSB from November 1, 2015 to December 31, 2015.
3. The QuadCom JETSB agrees to provide all E-911 services to the Village Barrington Hills including the receipt and processing of 911 calls and the dispatch and or transfer of those calls to the appropriate agency or entity.
4. Both parties agree that the terms of this agreement are governed by the terms of the applicable Illinois statutes and Illinois Commerce Commission (I.C.C.) tariffs.
5. The Village of Barrington Hills will be represented on the QuadCom JETSB and shall have all the rights and powers of the other members of the QuadCom Joint Emergency Telephone System.
6. This agreement shall be made a part of the amendment to the September, 2015 I.C.C. filing and shall be approved by the I.C.C. as part of the process of granting amended authority to the QuadCom JETSB to operate a E-911 system.



Joseph A. Abilati
QuadCom Joint Emergency
Telephone System Board

9-24-15
Date



Village of Barrington Hills

9-28-15
Date

**QUADCOM PUBLIC SAFETY COMMUNICATIONS SYSTEM
INTERGOVERNMENTAL AGREEMENT**

THIS AGREEMENT, entered into on the effective date hereinafter set forth, by and between the local governmental units signatory hereto and also those which may hereinafter become signatory hereto:

WITNESSETH:

WHEREAS, the signatories hereto have determined that there is a need by local governments within Northern Kane County, Illinois, Northern Cook County Illinois, Southern McHenry County Illinois, and Southern Lake County Illinois for a centralized public safety communications system; and

WHEREAS, it has been determined by such signatories that public safety communications is of value on an individual and mutual basis; and

WHEREAS, a centralized public safety communications system can adequately serve the needs of all of such signatories; and

WHEREAS, Article VII, Section 10 of the 1970 Constitution of the State of Illinois and the Intergovernmental Cooperation Act, IL. Rev. Stat, (1989) ch.127,741, et.seq., authorize the joint exercise by two or more local governmental units of any power common to them; and

WHEREAS, it is the desire of the signatories hereto to jointly provide for and maintain a centralized public safety communications system for their mutual advantage and concern;

NOW, THEREFORE, FOR AND IN CONSIDERATION OF THE PROMISES, THE MUTUAL ADVANTAGES TO BE DERIVED THEREFROM AND IN CONSIDERATION OF THE MUTUAL CONENANTS HEREIN CONTAINED, IT IS AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

1. Public Agency Established. Pursuant to the joint powers authorization of ARTICLE VII, Section 10 of the Illinois Constitution of 1970 and the Intergovernmental Cooperation Act, the undersigned do hereby join together to establish a public agency for the joint and mutual operation of a centralized public safety communications system, to be known as QuadCom which shall consist of all of the local governments signatory hereto and also those local governments which may hereinafter become signatory hereto.

2. By-Laws. QuadCom shall be subject to and shall be subject to and shall be governed by certain By-Laws, a copy of which is attached hereto as Exhibit "A" and by this reference made a part of this Agreement, together with any amendments which may be made to said By-Laws in the manner and means set forth.

3. QuadCom Participation. Each local governmental unit signing this joint public safety communications system agreement and each local governmental unit which may hereafter sign, after approval as required by the By-Laws, is a member of QuadCom and is entitled to the rights and privileges and is subject to all obligations of membership, all as provided in said By-Laws.

4. Termination. Any party to this Agreement may cause to be a party hereto and may withdraw from participation in QuadCom in the manner and means set forth in said By-Laws.

5. Powers of the System. QuadCom shall have the power in its own name, to make and enter into contracts, to employ agents and employees, to acquire, hold and dispose of property, real and personal, to sue in its own name or with the consent of a member or members and to incur debts, liabilities or obligations necessary for the accomplishment of its purposes, but no such contract, employment, purchase, debt, liability, or obligation shall be binding upon or

obligate any member except as authorized by the attached By-Laws. QuadCom shall not have the power of eminent domain or the power to levy taxes.

6. Organizational Structure, QuadCom will be managed by a Board of Directors, Executive Committee and a Director. The powers and duties of each are set forth and defined in the attached By-Laws.

7. Employees, The number and the job descriptions of persons employed by QuadCom shall be determined by its Board of Directors. For the purposes of obtaining fringe benefits, such as insurance and retirement benefits, QuadCom personnel shall be considered employees of one of the member municipalities to this agreement.

The QuadCom Board of Directors shall determine the extent and type of fringe benefits available for QuadCom employees. The full cost of these benefits, including reasonable administrative expenses approved by the QuadCom Board of Directors, shall be borne by QuadCom.

8. Financing, QuadCom will be funded by contributions from participating units of local government. A cost sharing formula sufficient to provide the funds required by the annual QuadCom budget shall be fixed by a unanimous vote of the Board of Directors.

9. Amendment, This Agreement may not be amended, except by written agreement and resolution of all the then parties to it, provided, however, the By-Laws attached hereto as Exhibit "A" may be amended from time to time by the method and means provided herein.

10. Duration, This Agreement and QuadCom shall continue in effect until rescinded by consent of three-fourths () of the then parties or until terminated in the manner provided in said By-Laws. Upon such termination, the assets remaining shall be disposed of in the manner set forth in said By-Laws.

11. Resolution Authorizing, Prior to execution of this Agreement, each member shall deliver to the other a certified copy of a Resolution authorizing and directing the execution of this Agreement.

12. Enforcement, Each member shall have the right to enforce this Agreement against any other member. If suit is necessary therefor, a defaulting member shall pay reasonable attorney's fees and costs to the prevailing party as adjudicated by the Court.

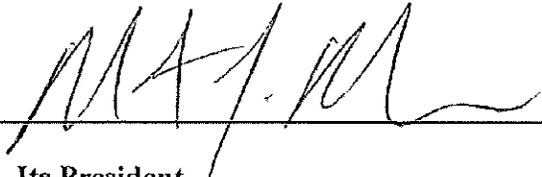
13. Effective Date, This Agreement shall become effective when signed by all of the respective representatives of the local governments signatory hereto.

14. Severability, If any part of this Agreement is adjudged invalid, such adjudication shall not affect the validity of the Agreement as a whole or of any other part.

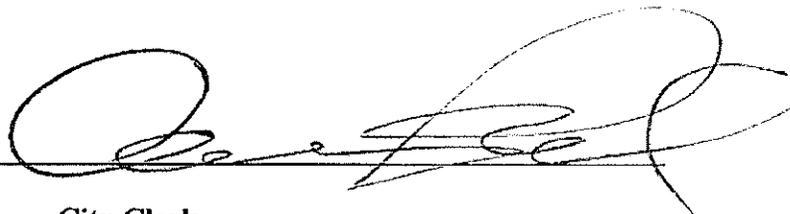
15. Notices, All notices required by this Agreement and the attached By-Laws shall be in writing. Any notice required hereunder shall be deemed to be given on the date of mailing if sent by registered or certified mail, return receipt requested, to the address or addresses of the parties following their signatures at the end of this Agreement.

IN WITNESS WHEREOF, the undersigned local governments have set their signatures on the respective dates set forth below. This document may be signed in duplicate originals.

VILLAGE OF BARRINGTON HILLS

By: 
Its President

Attest:


City Clerk

QUADCOM
List of Agencies Served a Certified Letter

QUADCOM 9-1-1 PLAN EXHIBITS 3 & 4

Agency	Agency Address	Community	State	Zip	Current PSAP Participation	Proposed PSAP Participation
Algonquin Police Department	2200 Harnish Drive	Algonquin	IL	60102	Adjacent	Adjacent
Algonquin/Lake in the Hills Fire P. D.	1020 West Algonauin Road	Lake in the Hills	IL	60156	Adjacent	Adjacent
Barrington Fire Department	400 W. Northwest Highway	Barrington	IL	60010	Adjacent	Adjacent
Barrington Hills Police Department	112 Algonquin Road	Barrington Hills	IL	60010	Adjacent	Participating
Barrington Police Department	400 W. Northwest Highway	Barrington	IL	60010	Adjacent	Adjacent
Carpentersville Fire Department	213 Spring Street	Carpentersville	IL	60110	Participating	Participating
Carpentersville Police Department	1200 L W Besinger Drive	Carpentersville	IL	60110	Participating	Participating
Cook County Sheriff's Department	1401 S. Maybrook Drive	Maywood	IL	60153	Adjacent	Adjacent
East Dundee Fire Protection District	115 East Third Street	East Dundee	IL	60118	Participating	Participating
East Dundee Police Department	120 Barrington Ave	East Dundee	IL	60118	Participating	Participating
Elgin Fire Department	550 Summit Street	Elgin	IL	60120	Adjacent	Adjacent
Elgin Police Department	151 Douglas Ave	Elgin	IL	60120	Adjacent	Adjacent
Hoffman Estates Fire Department	1900 Hassell Road	Hoffman Estates	IL	60169	Adjacent	Adjacent
Hoffman Estates Police Department	411 W. Higgins Rd.	Hoffman Estates	IL	60169	Adjacent	Adjacent
Huntley Fire Protection District	11808 Coral Street	Huntley	IL	60142	Adjacent	Adjacent
Kane County Sheriff's Department	32W755 IL Rte. 38, Suite A	St. Charles	IL	60175	Adjacent	Adjacent
Lake County ETSB	1300 S. Gilmer Rd.	Voio	IL	60073	Adjacent	Adjacent
McHenry County Sheriff's Department	220 N. Seminary	Woodstock	IL	60098	Adjacent	Adjacent
Rutland Dundee Fire Protection District	P.O. Box 203	Gilberts	IL	60136	Participating	Participating
Sleepy Hollow Police Department	1 Thorobred Lane	Sleepy Hollow	IL	60118	Participating	Participating
South Barrington Police Department	30 S. Barrington Road	South Barrington	IL	60010	Participating	Participating
West Dundee Fire Department	100 Carrington Drive	West Dundee	IL	60118	Participating	Participating
West Dundee Police Department	555 S. Eighth Street	West Dundee	IL	60118	Participating	Participating

A

VILLAGE OF BARRINGTON HILLS
112 ALGONQUIN RD
BARRINGTON HILLS, IL
CUTOVER DATE: 09/11/91



RATE CENTER END OFFICE
A LINKS

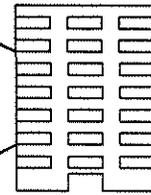
CONTROL OFFICE

9-1-1 TRUNKS B LINKS

DATABASE
ACCESS

BARRINGTON	
SBC	5
CLEC	
AT&T	4
FOCAL	8
GLOBAL COM	2
LEVEL 3	2
MCI	8
MCLEOD	4
PAETEC	2
XO COM	2

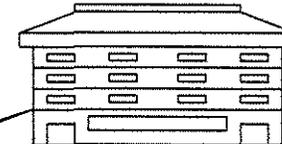
DUNDEE	
SBC	5
CLEC	
AT&T	20
FOCAL	8
GLOBAL COM	2
MCI	4
MCLEOD	4
PAETEC	2
XO COM	4



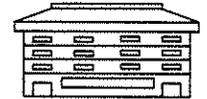
LOMBARD

(2) WIRELINE TRUNKS
7EMNC347256
7EMNC347257
TG 571
7UGXR161543
MAKE BUSY

(3) WIRELESS TRUNKS
7EMNC994680
7EMNC994681
7EMNC347258
TG 826
5CSNC169402
MAKE BUSY

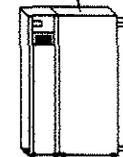


BARRINGTON HILLS
PSAP
112 ALGONQUIN RD
BARRINGTON HILLS



BACKUP PSAP
BARRINGTON/
CENCOM

7FDDZ695218-NORTHBROOK
3FDDZ695219-SOUTHFIELD



AT&T ALI DATABASE

B

QUADCOM 505 ELM RIDGE CARPENTERSVILLE, IL CUTOVER DATE 01-29-92



RATE CENTER END OFFICE A LINKS

BARRINGTON	
AT&T IS	5
CLEC	
AT&T	
FOCAL	6
GLOBAL COM	2
VERIZON BUSINESS	4
MCLEOD	4
PRETEC	2
XO COMM	2

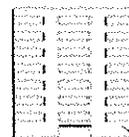
PALATINE	
AT&T IS	13
CLEC	
AT&T	32
CORE COM	4
FOCAL	8
FRONTIER	4
GLOBAL COM	2
INTERMEDIA	4
MPower	4
MCLEOD	4
PRETEC	2
TDS METROCOM	2
VERIZON BUSINESS	4
XO COMM	8

DUNDEE	
AT&T IS	5
CLEC	
AT&T	78
FOCAL	8
GLOBAL COM	2
VERIZON BUSINESS	4
MCLEOD	4
PRETEC	2
XO COMM	2

CONTROL OFFICE

9-1-1 TRUNKS B LINKS

DATABASE ACCESS



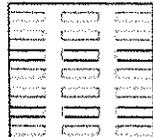
LOMBARD

(5) WIRELINE TRUNKS
7EMNC849543 7EMNC849544
7EMNC849545 7EMNC849546
7EMNC849547
TG 593
7UGXR733172
NETWORK CONTROL
MODEM

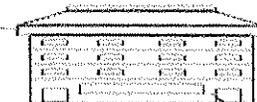
(5) WIRELINE TRUNKS
7EMNC780656 7EMNC780657
7EMNC780658 7EMNC780659
7EMNC780661
TG 889
7UGXR780662
NETWORK CONTROL
MODEM

(3) WIRELESS TRUNKS
7EMNC20944 7EMNC20945
7EMXS387150
TG 887
7UGXR773175
NETWORK CONTROL
MODEM

(2) WIRELESS TRUNKS
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TG 897
7UGXR788665
NETWORK CONTROL
MODEM

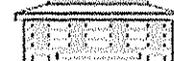


GENEVA

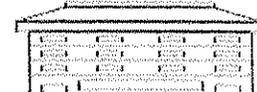


QUADCOM PSAP
505 ELM RIDGE
CARPENTERSVILLE

DISPATCH FOR
CARPENTERSVILLE
EAST DUNDEE
WEST DUNDEE
SLEEPY HOLLOW
SOUTH BARRINGTON



QUADCOM
BACKUP
100 CARRINGTON
W. DUNDEE



QUADCOM PSAP
505 ELM RIDGE
CARPENTERSVILLE

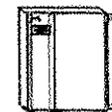


QUADCOM
BACKUP
100 CARRINGTON
W. DUNDEE



BACKUP PSAP
ELGIN

7FDDZ695224-NORTHBROOK IL
3FDDZ695225-SOUTHFIELD MI

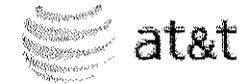


AT&T ALI DATABASE

FDD2023049-NORTHBROOK IL
FDD2433040-SOUTHFIELD MI



QUADCOM
 303 ELM RIDGE
 CARPENTERSVILLE, IL
 CUTOVER DATE 01-29-92



**RATE CENTER END OFFICE
A LINKS**

BARRINGTON

AT&T 1

C.F.C. 1

AT&T 4

GLOBAL COMM 2

VERIZON BUSINESS 2

MOLECO 1

PARTCO 2

KD COMM 2

VALATINE

AT&T 1

C.F.C. 1

AT&T 2

COMM CON 2

FRONTIER 2

GLOBAL COMM 2

INTERMEDIA 2

MOLECO 2

PARTCO 2

TOR METROCOMM 2

VERIZON BUSINESS 2

X.C. COMM 2

DUNDEE

AT&T 1

U.S.C. 1

AT&T 2

GLOBAL 2

GLOBAL COMM 2

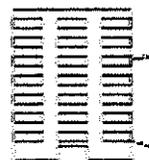
VERIZON BUSINESS 2

MOLECO 2

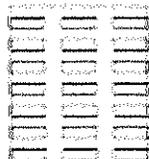
PARTCO 2

KD COMM 2

CONTROL OFFICE



LOWBARD



GENEVA

3-1-1 TRUNKS & LINKS

(5) WIRELINE TRUNKS
 7EMNC849543 7EMNC549544
 7EMNC849545 7EMNC849546
 7EMNC849547
 TG 595
 7UGNR733172
 NETWORK CONTROL
 MODEM

(5) WIRELINE TRUNKS
 7EMNC730656 7EMNC730657
 7EMNC730658 7EMNC730659
 7EMNC730660
 TG 663
 7UGNR730662
 NETWORK CONTROL
 MODEM

(2) WIRELESS TRUNKS
 7EMXSXXXXX
 7EMXSXXXXX
 FOR BARRINGTON HILLS

(3) WIRELESS TRUNKS
 7EMNC29944 7EMNC29945
 7EMXS387150
 TG 887
 7UGNR771178
 NETWORK CONTROL
 MODEM

(2) WIRELESS TRUNKS
 7EMNC730663 7EMNC730664
 TG 907
 7UGNR730665
 NETWORK CONTROL
 MODEM

**DATABASE
ACCESS**



QUADCOM PSAP
 303 ELM RIDGE
 CARPENTERSVILLE



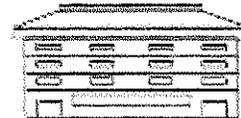
BACKUP PSAP
 ELGIN

DISPATCH FOR
 CARPENTERSVILLE
 EAST DUNDEE
 WEST DUNDEE
 BLUE HOLLOW
 SOUTH BARRINGTON
 BARRINGTON HILLS

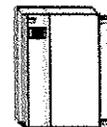
7FDD2665224-NORTHBROOK IL
 7FDD2665225-SOUTHFIELD MI



QUADCOM
 BACKUP
 100 CARRINGTON
 W. DUNDEE



QUADCOM PSAP
 303 ELM RIDGE
 CARPENTERSVILLE



AT&T ALI DATABASE



QUADCOM
 BACKUP
 100 CARRINGTON
 W. DUNDEE

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