

Meeting Minutes

Project: **Radio Communication Council Meeting**

Subject: Monthly Meeting

Date: 11/1/2017

Location: Monroe, NC Commissioners Board Room, Government Center

Attendees:

Gilliard, Bryan	Blythe, Johnny
Walmsley, Emily	Rigoli, Kevin
Coble, Chase	Andrew Ansley
Teague, Curtis	Eiss, Mike
Silsby, Gary	Cathey, Eddie
Smith, Amanda	Bartlett, Ralph
Furr, Susan	Field, Brandon
Bartlett, Ralph	Elmore, Todd
Gurian, Jay	Sharpe, Greg
Johnson, Jody	Ansley, Andrew
Rigoli, Kevin	Wilkerson, Paul
Baucom, Chad	Edwards, Bryan

INTRODUCTION

Chief Bryan Gilliard

Chief Bryan Gilliard welcomed everyone and requested approval of minutes from meeting on 9/13. Chase Coble-1st motion. Andrew Ansley-2nd motion.

METRICS

Brandon Field/Motorola

Paul Wilkerson-System Update-Mecklenburg County is working on an easement in town of Davidson. Mooresville has added consoles for their EOC Center in Statesville. Stanly County is looking at putting a tower toward Morrow Mountain area off the backside of Badin Lake where they

have coverage issues. Gastonia is looking at trying to increase their channels from 6-8 or possible 10. They have an ASR/single site and it has four channels there and they want to make those frequencies part of the county and move to the city only.

Brandon Field with Motorola presented the Metrics for the month of September-

See attachment (Union Metrics-SEPTEMBER 2017)

NEW BUSINESS

Curtis Teague-

Union County Cost if Transition is made to VIPER SYSTEM

Maintenance of Consoles:	\$198,075
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Connectivity to SHP Master Site:	<u>\$54,780</u>
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Subtotal Recurring Cost:	\$252,855
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****Note:** If County contracts with Motorola for service

to our equipment, this would add an additional:	<u>\$243,925</u>
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Possible Recurring Cost:	\$496,780***
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*****Does not include any work performed by Wireless Communications**

Replacement of UASI Microwaves:	\$1,700,000
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Replacement of Backup Center Motorola Equipment:	\$ 685,000
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Subtotal Capital:	\$2,881,792
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***Replacement of Combiners (Motorola does not have final number yet \$15,000 each)**



***Based on movement to the 700 MHz System, replacement of certain 2500 series radios ranging from \$5,400 to \$5,050 for portables (Law, Fire, EMS) and \$4,600 for mobiles to non-public safety portable radios in \$2,500 range. (Motorola looking at serial numbers to determine the units which would need to be replaced.)**

This would not include any work that would be done by Wireless Communications. Capital cost would be looking at replacement of UASI microwaves \$1,700,00. Replacement of backup center's Motorola equipment.

Palmetto System has come online. Andrew Ansley acquired a map from Lancaster County. (attached) Curtis will be seeking approval to co-locate at Fox Hole and Steele Hill.

Johnny Blythe voiced the concern of in-building residential coverage county-wide.

Fairview tower still in progress, but waiting on the State. This will fix a lot of issues with the northwest side. This tower will be used in place of the tower at 24/27.

G2-working on getting in scheduled. Done before the end of the year. Will continue to send out updates.

Curtis-CIP-will establish an official CIP process to include microwaves either way we go. (keeping emphasis on expediting the southwest area)

Chief Deputy Todd Elmore recommended that during the plans of constructing new buildings in the next few years, plan to add the back-up center there, rather than keeping it in Cabarrus.

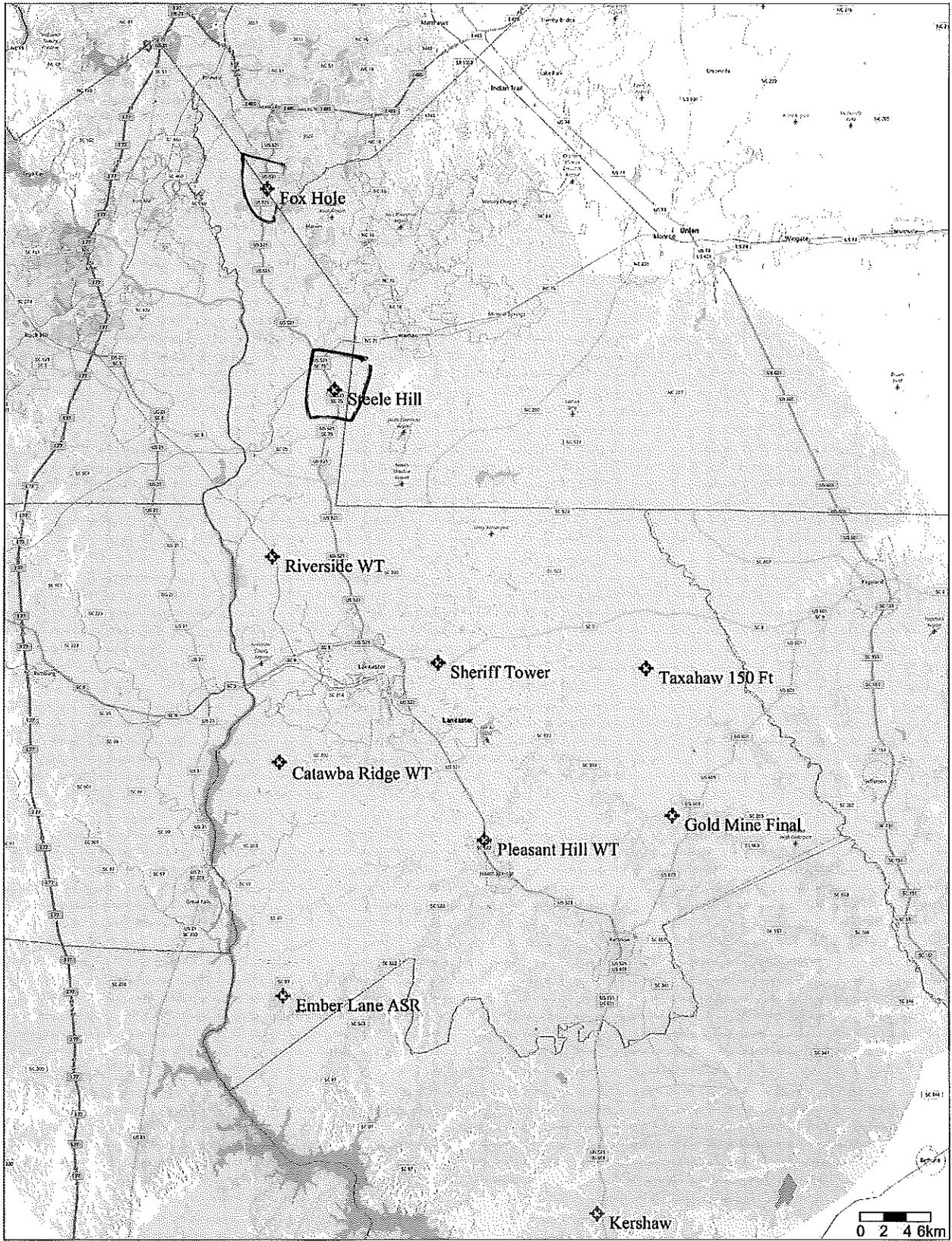
Next Meeting: December 6th, 2017 at 1pm in BOCC Room.

Minutes prepared by Susan Furr

Action Items	Owner	Date
Reach out to Lancaster County	Curtis Teague	Next meeting
Work on CIP Budget	Curtis Teague	Next meeting

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Lancaster Simulcast, Kershaw ASR, Ember Lane ASR FDMA Coverage (Information Only)



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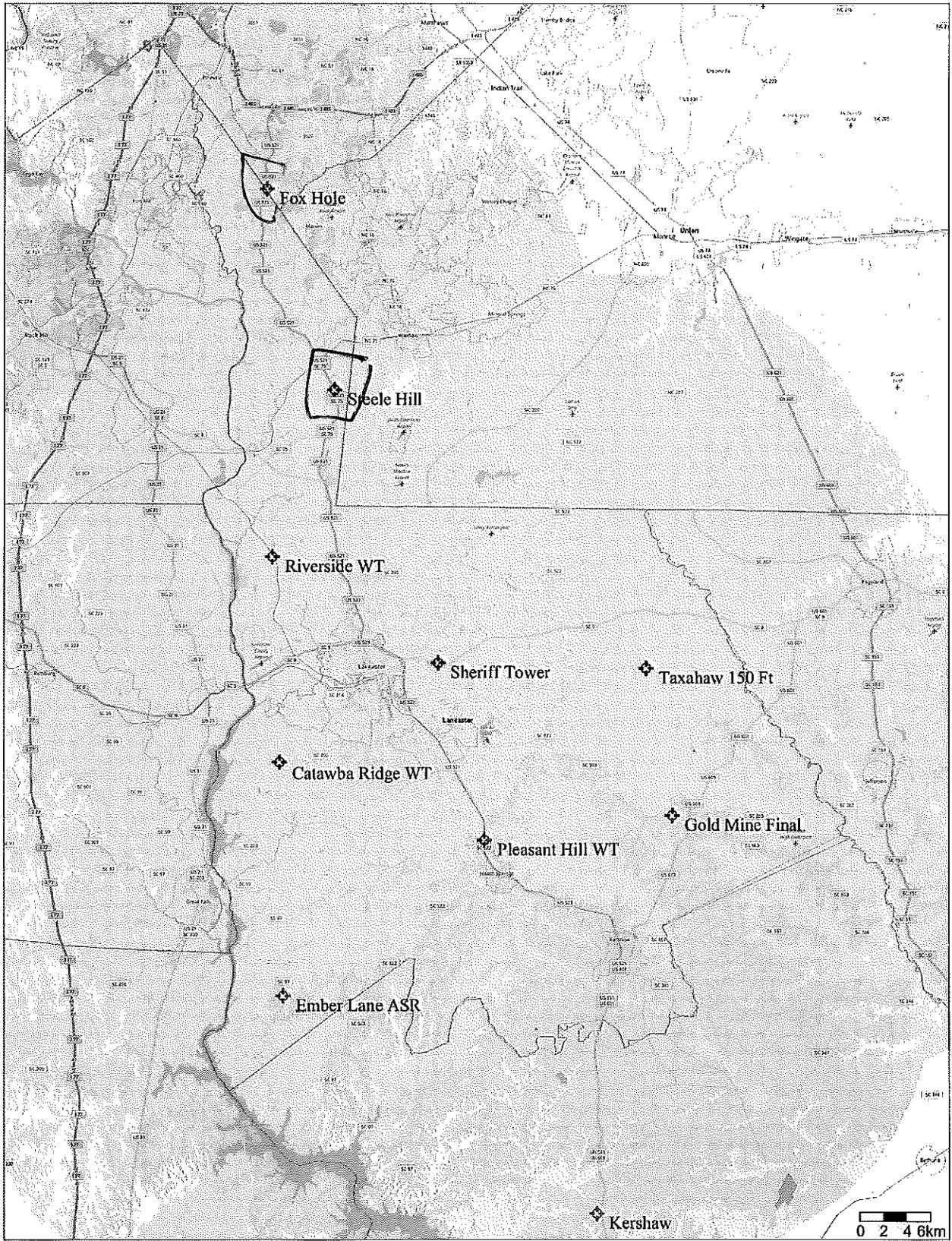
Scale 1 : 300000

APX Mobile Coverage – Antenna Trunk Mount

Legend

-  97% Area round_trip Subscriber-mob
-  site_area_reliability Subscriber-mob
-  Kershaw [Component Rel] round_trip

Lancaster Simulcast, Kershaw ASR, Ember Lane ASR FDMA Coverage (Information Only)



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APX Mobile Coverage – Antenna Trunk Mount

Legend

-  97% Area round_trip Subscriber-mob
-  site_area_reliability Subscriber-mob
-  Kershaw [Component Rel] round_trip



SmartZone Metric Report
UNION COUNTY
SEPTEMBER 2017



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SEPTEMBER 2017

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UNION COUNTY P25 RADIO SYSTEM SUMMARY

SEPTEMBER 2017

		COMMENTS	PAGE #
TOTAL 5-9's	8.10	N/A	3
SITE CALLS	224,128		4
NO SITE RESOURCE COUNT	0		5
NUMBER OF CASES	33	SEVERITY 1, 2, 3, & 4	11 - 14

NOTE:

**5-9's INCLUDES INTERFERENCE & NO PREVENTATIVE
MAINTENANCE.**

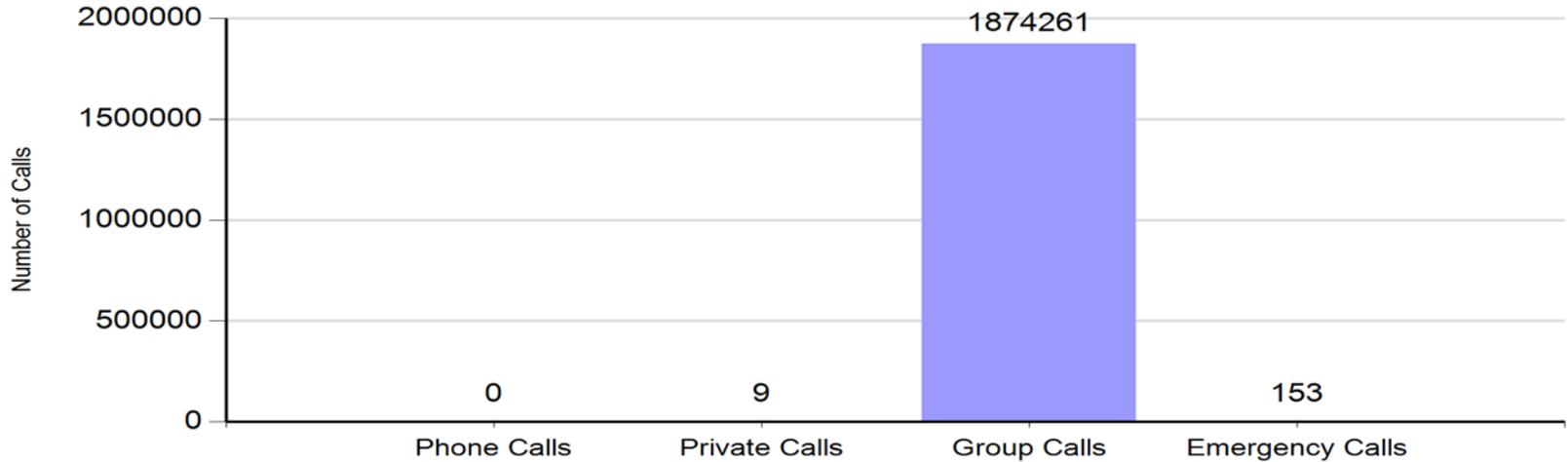
DEFINITION:

**5-9's = MOTOROLA STANDARD FOR SYSTEM AVAILABILITY OF
5NINES, OR 99.999% AVAILABILITY.**

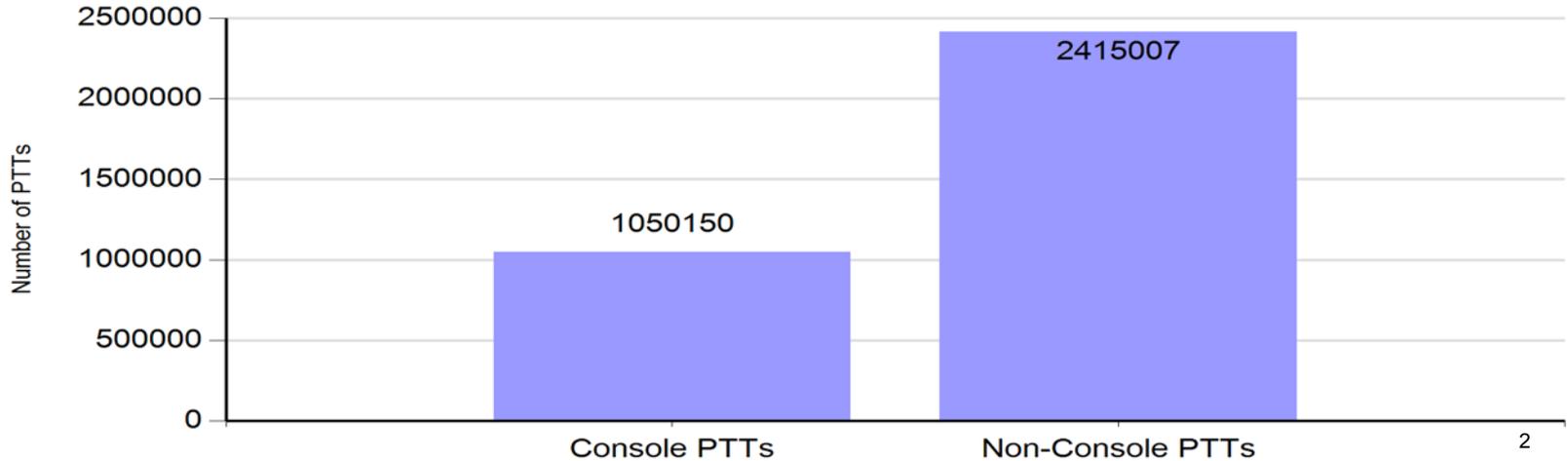
Zone Call Report

(Including Cabarrus, Charlotte, Gastonia, Mooresville & Stanly)

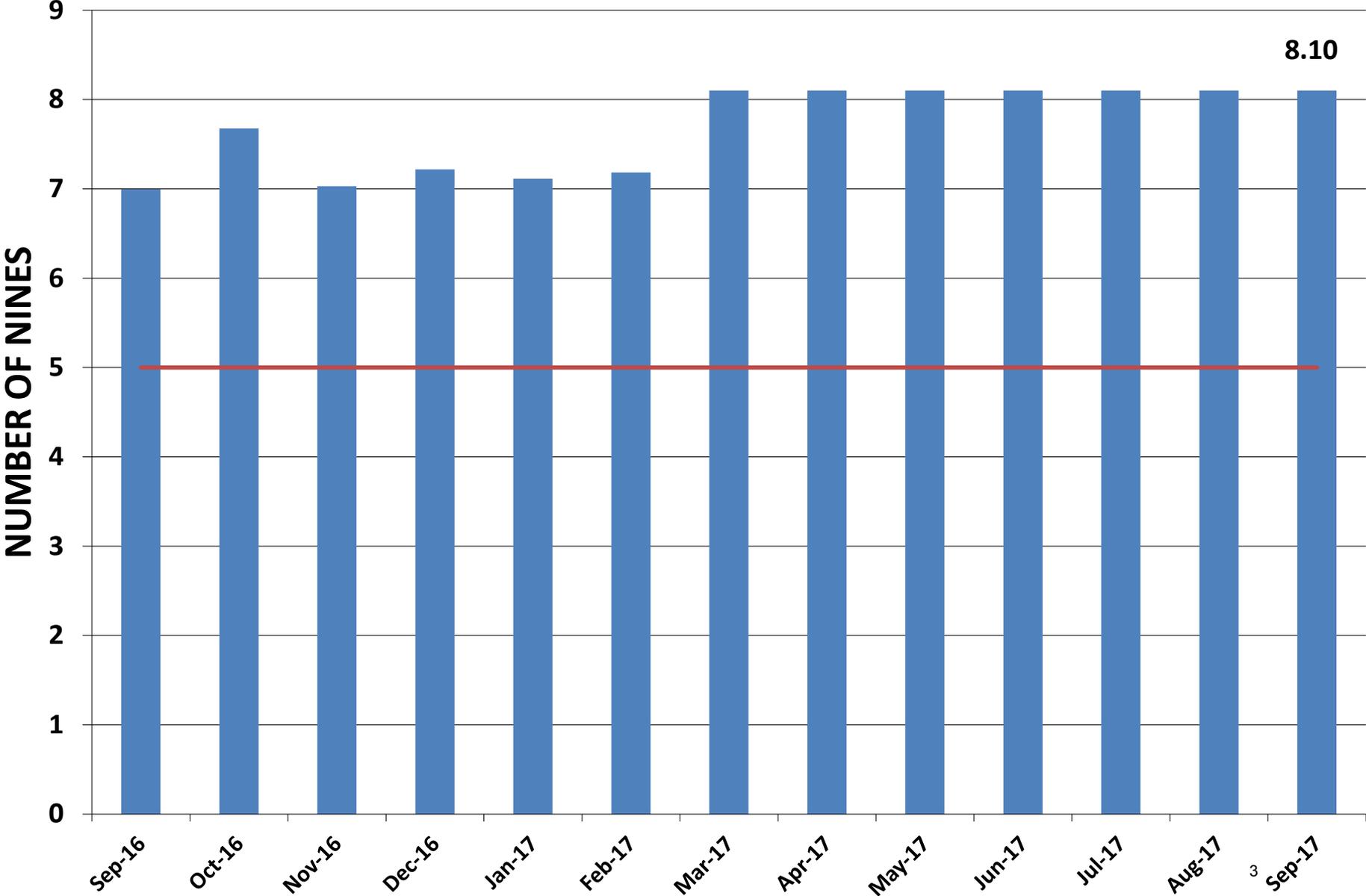
Number of Calls by Type



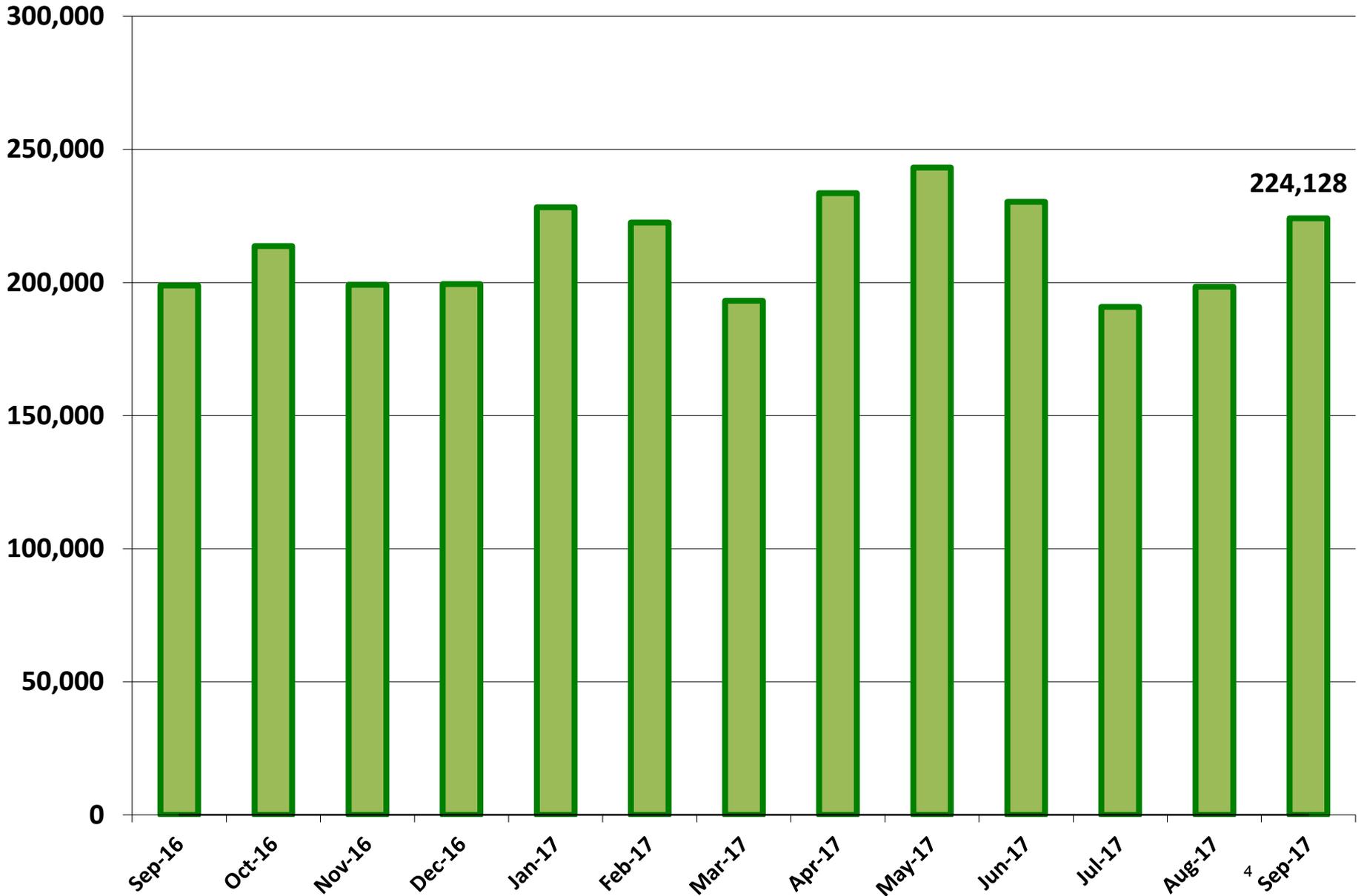
Number of Zone PTTs



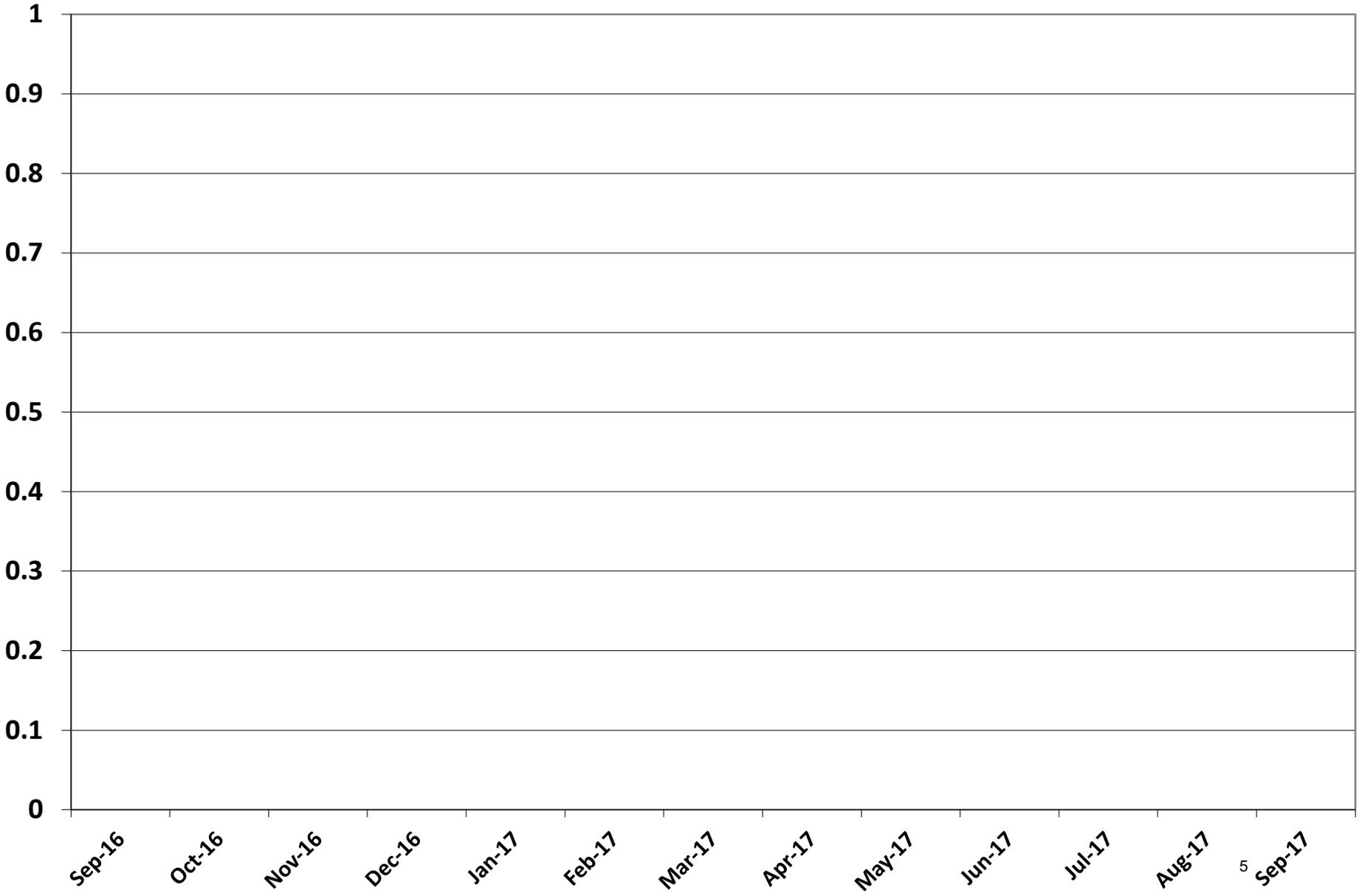
UNION COUNTY 5-9's DEVICE AVAILABILITY



UNION COUNTY SYSTEM CALLS



UNION COUNTY NO SITE RESOURCES

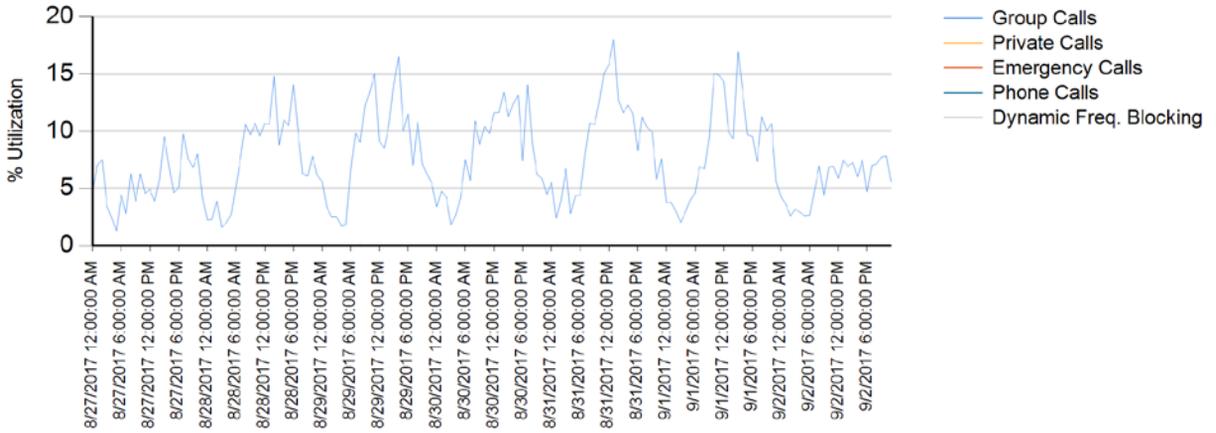


Site Report

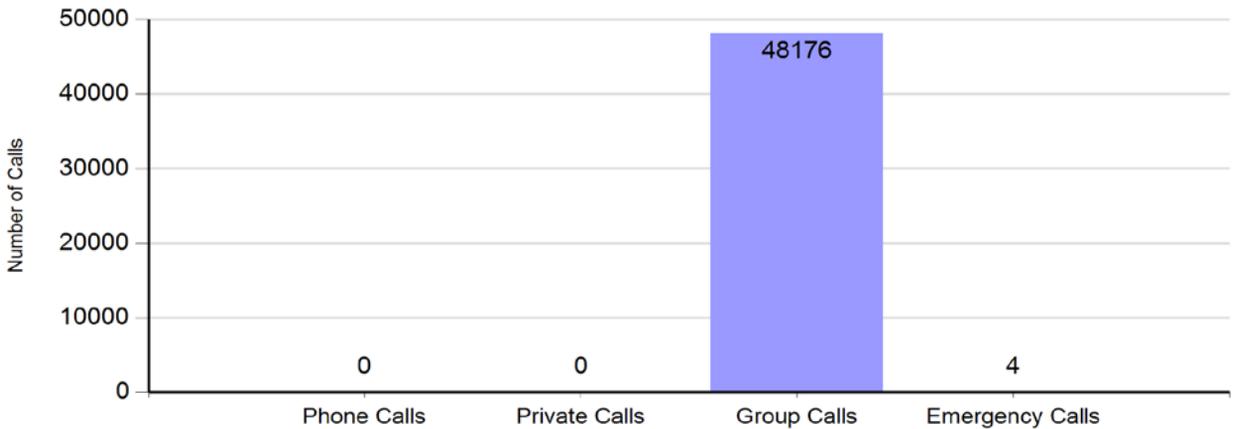
Zone: CHARLOT - Site: Union

Sunday, August 27, 2017 12:00:00 AM - Saturday, September 02, 2017 11:59:59 PM

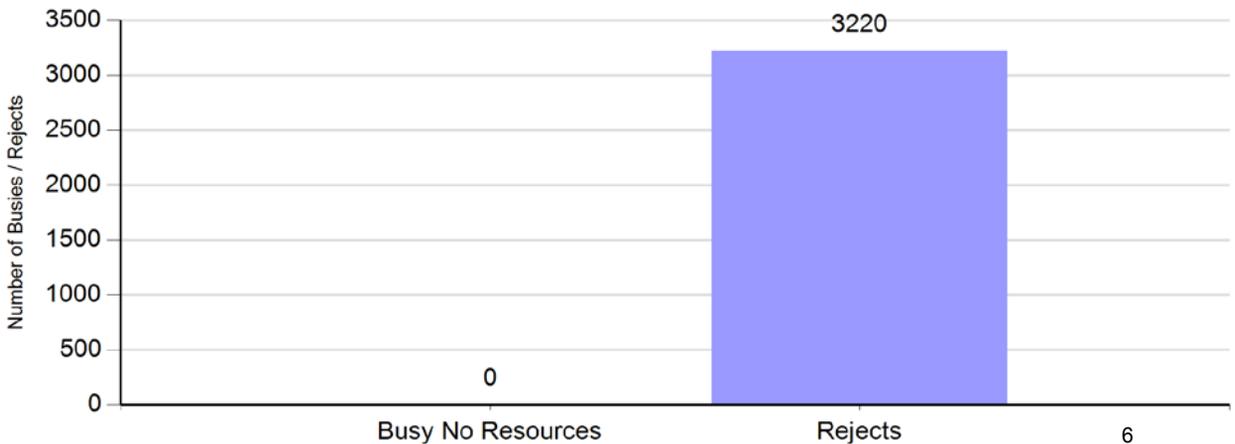
Channel Utilization



Number of Calls by Type



Number of Busies and Rejects

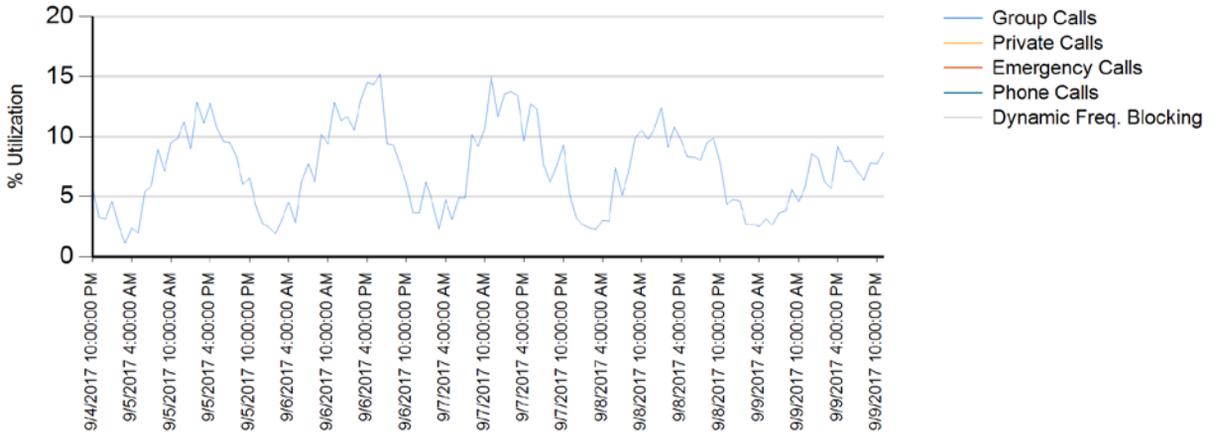


Site Report

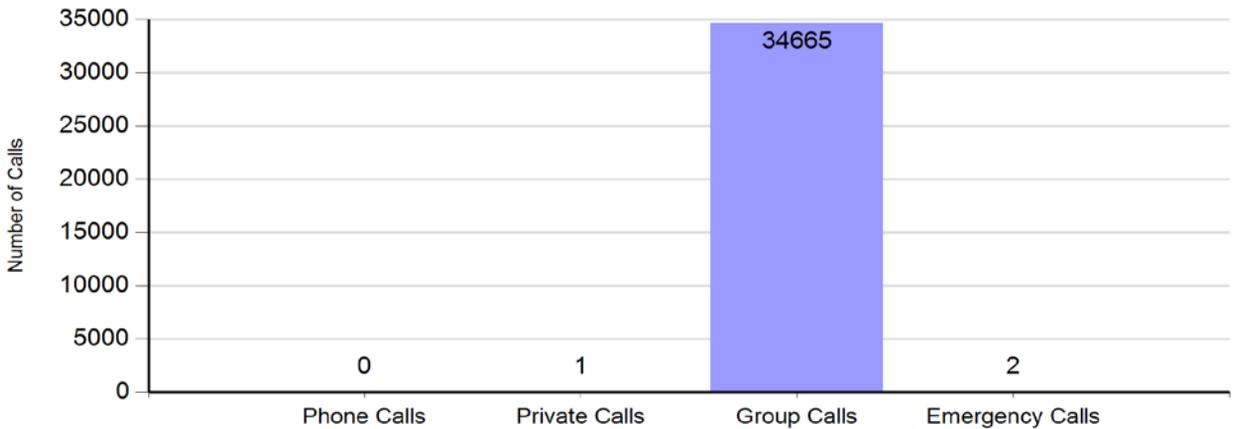
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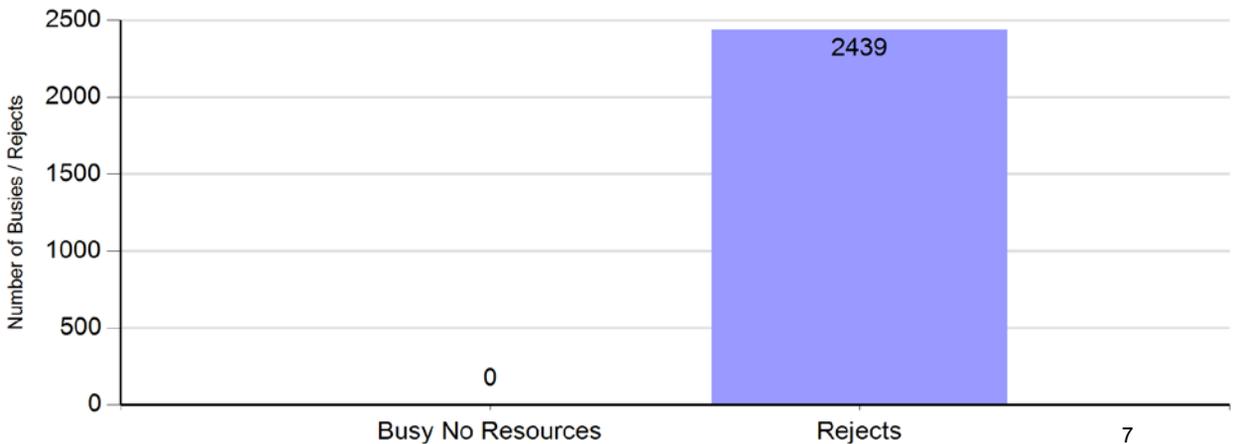
Channel Utilization



Number of Calls by Type



Number of Buses and Rejects

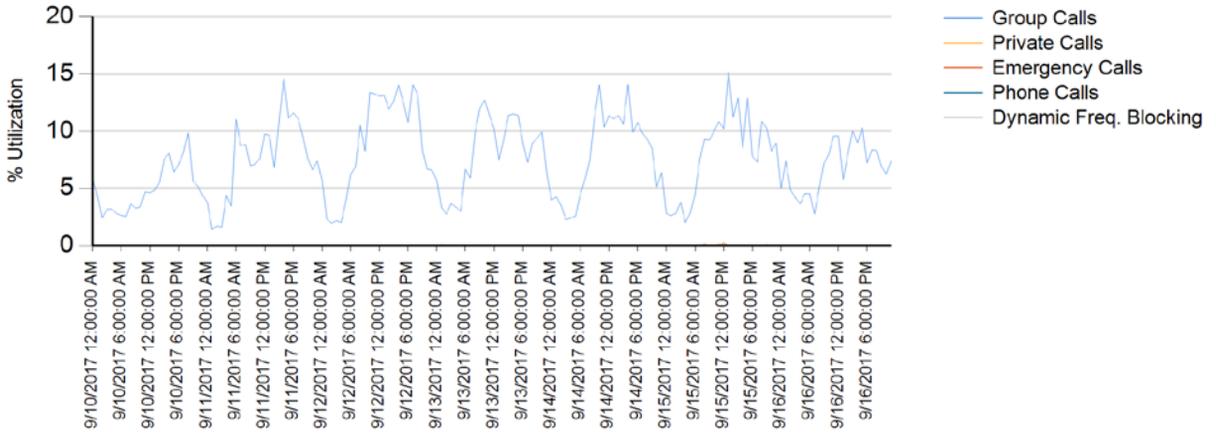


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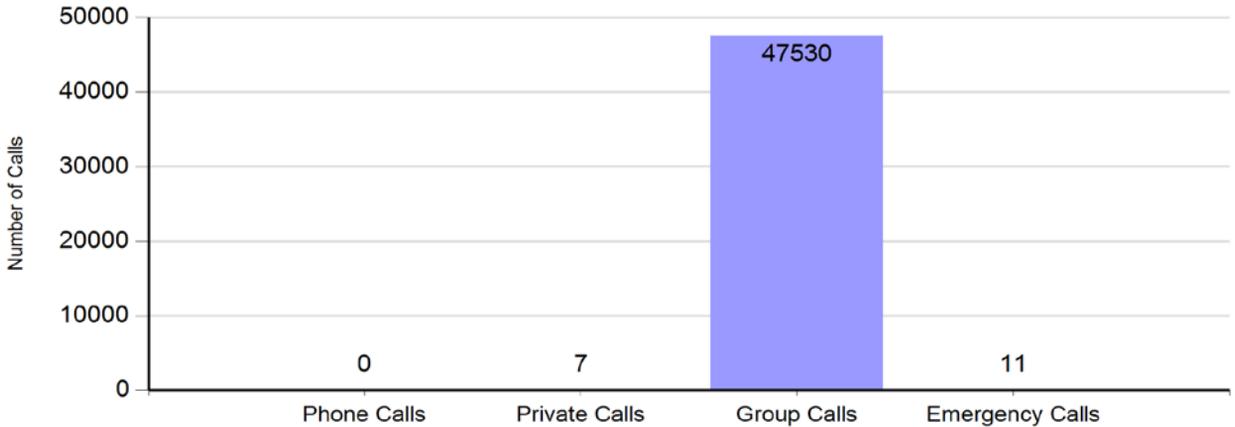
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Sunday, September 10, 2017 12:00:00 AM - Saturday, September 16, 2017 11:59:59 PM

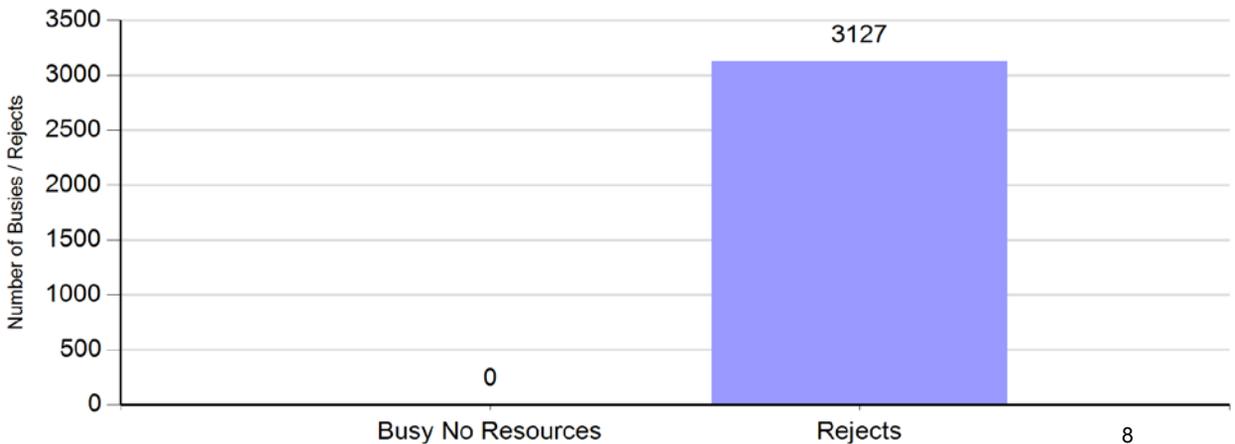
Channel Utilization



Number of Calls by Type



Number of Buses and Rejects

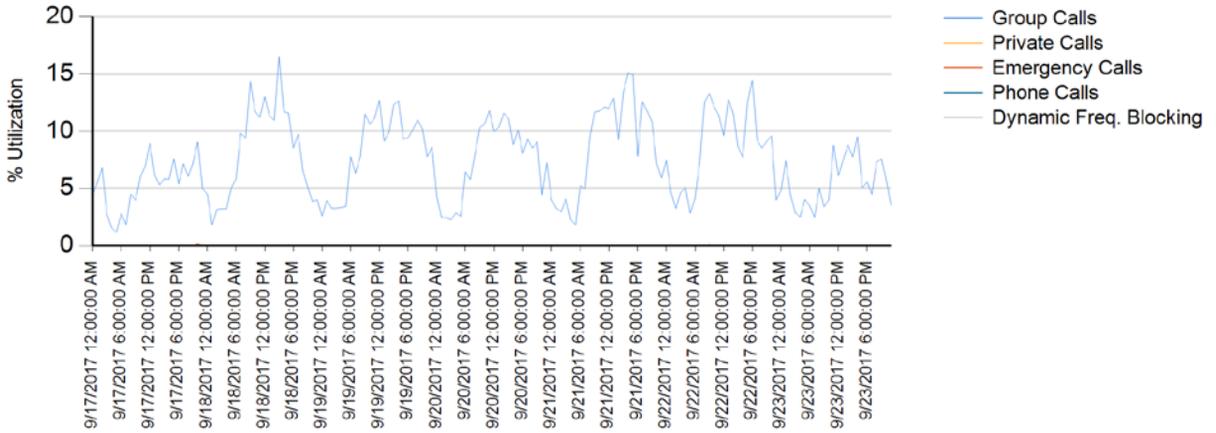


Site Report

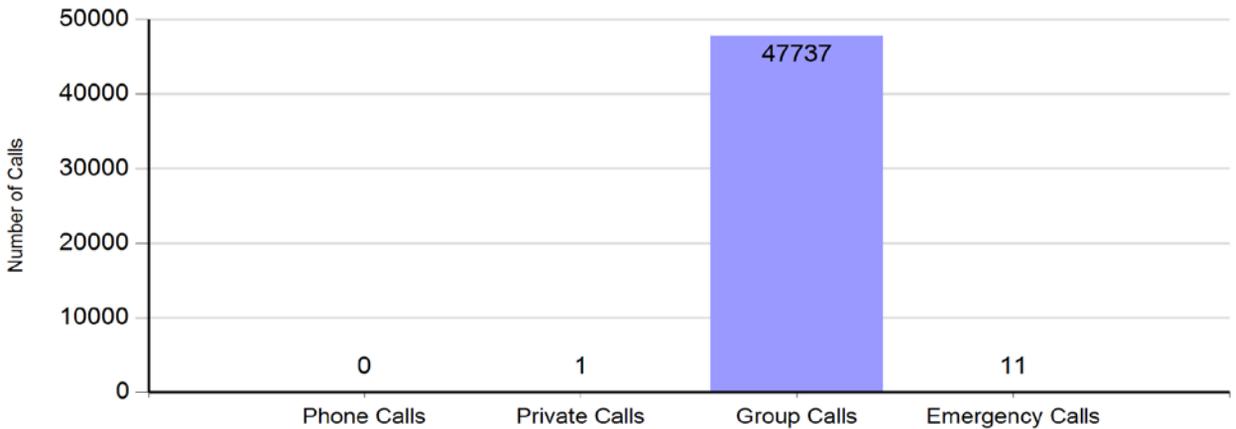
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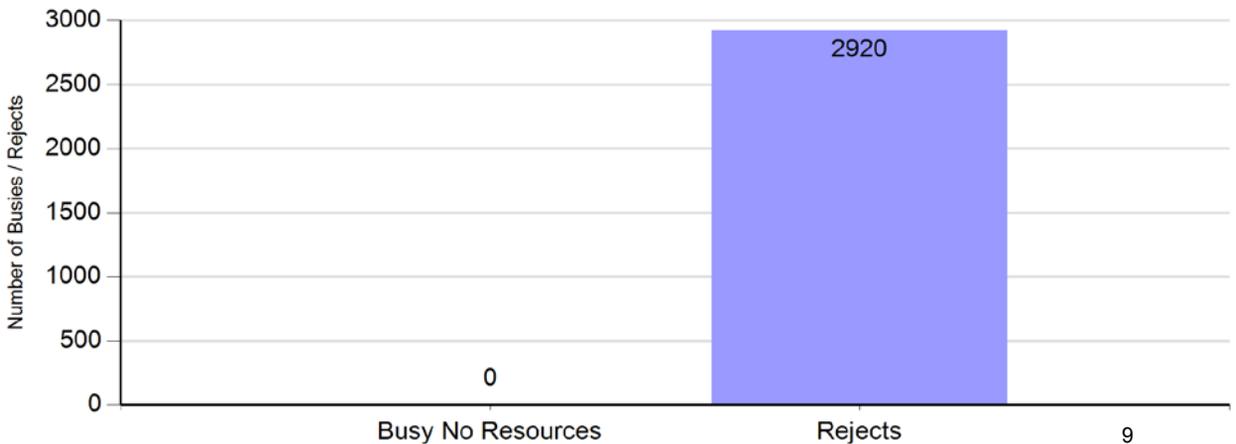
Channel Utilization



Number of Calls by Type



Number of Buses and Rejects

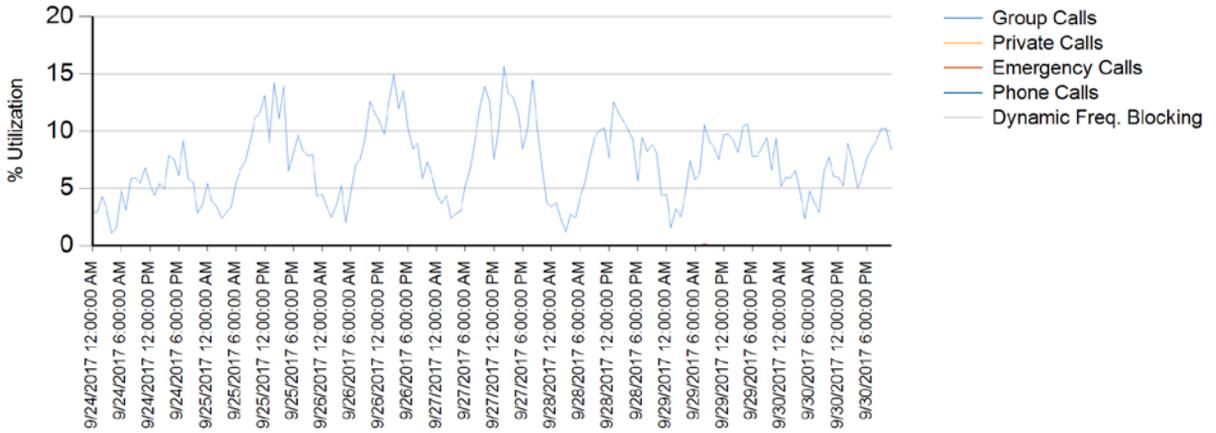


Site Report

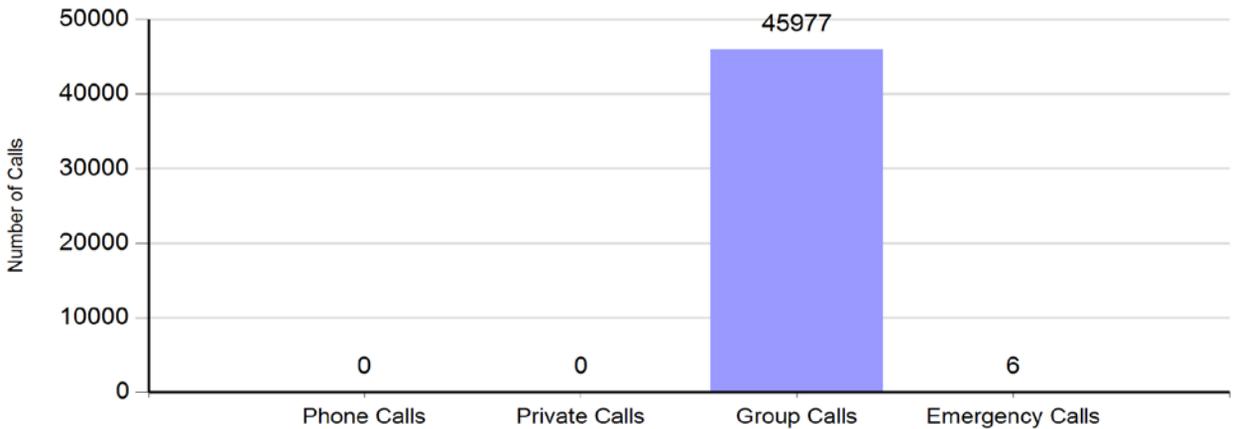
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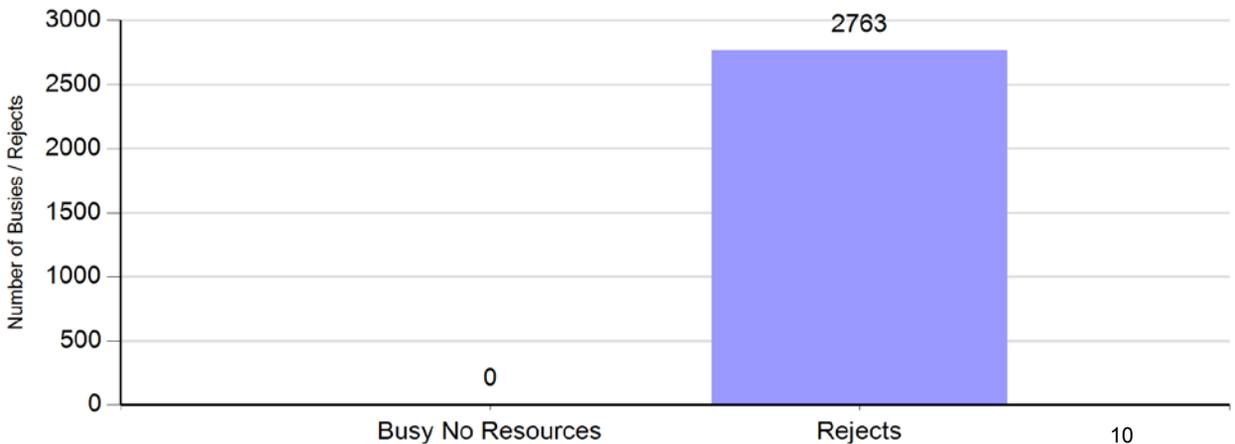
Channel Utilization



Number of Calls by Type



Number of Busies and Rejects



UNION COUNTY MONTHLY CASE REPORT

SEPTEMBER 2017

CASE ID	STATUS	TYPE	SITE NAME	SEVERITY	TITLE	CREATE DATE
25610501	C	INCID.	UNION 911	SEV 1	NMO: Z 001 S 015 AIS 01. NMD 15. ZONE 1: VPM - LOGI APPLICATION: CRITICAL MALFUNCTION, CLIENT FAULT.	08/28/17 06:30
25613356	C	TECH REQ.	NEW SALEM P25 SUB SITE	SEV 4	Site inspection.	08/29/17 09:26
25613766	C	INCID.	UNION 911	SEV 1	NMO: Z 001 S 015 AIS 01. NMD 15. ZONE 1: VPM - LOGI APPLICATION: CRITICAL MALFUNCTION, CLIENT FAULT.	08/29/17 10:27
25615879	C	INCID.	UNION 911	SEV 1	NMO: Z 001 S 015 AIS 01. NMD 15. ZONE 1: VPM - LOGI APPLICATION: CRITICAL MALFUNCTION, CLIENT FAULT.	08/30/17 09:14
25616280	C	TECH REQ.	NCSHP MONROE P25 SUB SITE	SEV 4	Site inspection.	08/31/17 10:39
25618460	C	TECH REQ.	SHERIFF - WINGATE P25 SUB SITE	SEV 4	Site inspection.	08/31/17 11:37

CASE ID	STATUS	TYPE	SITE NAME	SEVERITY	TITLE	CREATE DATE
25618469	C	TECH REQ.	BELK MILL P25 SUB SITE	SEV 4	Site inspection.	08/31/17 13:59
25617116	C	TECH REQ.	CROW ROAD P25 SUB SITE	SEV 4	Site inspection.	08/31/17 15:33
25618518	C	TECH REQ.	CROW ROAD P25 SUB SITE	SEV 3	Techs Working on MW. May affect sites SZ02D010203 & SZ02D01D15.	09/01/17 09:00
25619642	C	TECH REQ.	CUTHBERTSON P25 SUB SITE	SEV 4	Site inspection.	09/01/17 10:53
25621729	C	TECH REQ.	MIDLAND P25 SUB SITE	SEV 4	Site inspection.	09/05/17 09:55
25625994	C	INCID.	UNION 911	SEV 3	Additional wire needed to be added to track balls.	09/05/17 10:17
25629845	C	TECH REQ.	UNION 911	SEV 3	Site check.	09/07/17 09:17
25640753	C	TECH REQ.	MIDLAND P25 SUB SITE	SEV 4	SITE CHECK.	09/12/17 08:05
25640688	C	TECH REQ.	CUTHBERTSON P25 SUB SITE	SEV 3	Site inspection.	09/12/17 09:14
25640885	C	TECH REQ.	NEW SALEM P25 SUB SITE	SEV 4	Site inspection.	09/12/17 09:45

CASE ID	STATUS	TYPE	SITE NAME	SEVERITY	TITLE	CREATE DATE
25640696	C	TECH REQ.	CROW ROAD P25 SUB SITE	SEV 4	Site check.	09/12/17 10:08
25642330	C	TECH REQ.	NCSHP MONROE P25 SUB SITE	SEV 4	Site inspection after inclement weather.	09/12/17 12:24
25642353	C	TECH REQ.	BELK MILL P25 SUB SITE	SEV 4	Site check.	09/12/17 13:14
25642355	C	TECH REQ.	SHERIFF - WINGATE P25 SUB SITE	SEV 4	Site check.	09/12/17 13:17
25646747	C	TECH REQ.	CUTHBERTSON P25 SUB SITE	SEV 4	Site inspection.	09/14/17 08:52
25646769	C	TECH REQ.	CROW ROAD P25 SUB SITE	SEV 4	Site inspection.	09/14/17 10:02
25646019	C	TECH REQ.	BELK MILL P25 SUB SITE	SEV 4	Site inspection.	09/14/17 11:28
25647527	C	TECH REQ.	UNION 911	SEV 3	Changing configure on all consoles & testing paging.	09/14/17 12:25
25646034	C	TECH REQ.	SHERIFF - WINGATE P25 SUB SITE	SEV 4	Site inspection.	09/14/17 12:38
25659229	C	TECH REQ.	BELK MILL P25 SUB SITE	SEV 4	Site inspection.	09/20/17 09:58

CASE ID	STATUS	TYPE	SITE NAME	SEVERITY	TITLE	CREATE DATE
25659274	C	TECH REQ.	NEW SALEM P25 SUB SITE	SEV 4	Site inspection.	09/20/17 12:27
25659285	C	TECH REQ.	SHERIFF - WINGATE P25 SUB SITE	SEV 4	Site inspection.	09/20/17 13:08
25659778	C	TECH REQ.	NCSHP MONROE P25 SUB SITE	SEV 3	Site inspection.	09/20/17 13:49
25663314	C	INCID.	NEW SALEM P25 SUB SITE	SEV 1	NMO: Z 001 S 00207I CHAN 08. IP SS 7. SITE 2. ZONE 1: STATION CONTROL BOARD: MINOR FAILED, SCB EXTERNAL REFERENCE.	09/21/17 19:56
25667196	C	TECH REQ.	CUTHBERTSON P25 SUB SITE	SEV 4	Site check.	09/25/17 12:08
25667208	C	TECH REQ.	CROW ROAD P25 SUB SITE	SEV 4	Site inspection.	09/25/17 12:48
25673051	C	TECH REQ.	MIDLAND P25 SUB SITE	SEV 4	Site inspection.	09/27/17 08:47

SEV 1	4
SEV 2	0
SEV 3	6
SEV 4	23
TOTAL	33

2017

JANUARY						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
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FEBRUARY						
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MARCH						
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APRIL						
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30						

MAY						
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JUNE						
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JULY						
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30	31					

AUGUST						
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SEPTEMBER						
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OCTOBER						
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29	30	31				

NOVEMBER						
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26	27	28	29	30		

DECEMBER						
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31						