NEIL ABERCROMBIE
GOVERNOR

DEAN H. SEKI
COMPTROLLER

MARIA E. ZIELINSKI
DEPUTY COMPTROLLER

STATE OF HAWAI'I

DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

Enhanced 911 Communications/Technical/Finance Committee Meeting

Tuesday, January 14, 2014

Kalanimoku Bldg., Room 322B

1151 Punchbowl St., Honolulu

10 am to 12 noon

Agenda

I. **Call to Order, Public Notice, Quorum**

II. **Public testimony on all agenda items**

III. **Introductions**

IV. **Review and Approval of Last Months' Meeting Minutes**

V. **Items for Discussion, Consideration, and Action**

a. Communications Committee
   i. 2014 Legislative Investigative Committee update
   ii. Others

b. Technical Committee
   i. Update on status of PSAP projects and funds pending expenditure
      1. HFD – Fire/EMS CAD update
      2. Kauai CAD update
      3. HPD CAD update
      4. Others
   ii. State of Hawaii NG9-1-1 project update
   iii. Request updates for Enhanced 9-1-1 Timeline continuum

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

iv. Investigative Regulatory Committee update
v. FCC updates
vi. Request for approval:
    1. State of Hawaii Delegates attending 9-1-1 Goes to Washington:
        a. HPD:
            i. R.Macadangdang - $3,500
            ii. S. Naito - $3,500
            iii. T. Burns- $3,500
            iv. TBD - $3,500
        b. MPD
            i. Clayton Tom - $3,700
            ii. Victor Ramos - $3,700
            iii. Davlynn Racadio - $3,700
        c. HawPD
            i. TBD (2) - $7,400.
        d. EMS:
            i. P. Dukes- $3,500
        e. Executive Director-$2,500
        f. Board members
            i. Ryan Freitas - $3,500
            ii. Kiman Wong - $3,500
    2. APCO/NENA Joint Pacific Chapter April 2014 Forum
    3. Maui NG911 Cutover Travel (1/22/2014)
vii. Request approval for the presentation at the NENA 2014 conference by Sonny Bhagowalia of *The Synergy between E9-1-1/Next Generation 9-1-1 and FirstNet*
viii. Others

c. Finance Committee
    i. Review of Monthly Cash Flow & Budget Financial Report
    ii. Request for funding:

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

1. State of Hawaii Delegates attending 9-1-1 Goes to Washington:
    a. HPD:
        i. R. Macadangdang - $3,500
        ii. S. Naito - $3,500
        iii. T. Burns- $3,500
        iv. TBD - $3,500
    b. MPD
        i. Clayton Tom - $3,700
        ii. Victor Ramos - $3,700
        iii. Davlynn Racadio - $3,700
    c. HawPD
        i. TBD (2) - $7,400.
    d. EMS:
        i. P. Dukes- $3,500
    e. Executive Director-$2,500
    f. Board members
        i. Ryan Freitas - $3,500
        ii. Kiman Wong - $3,500
2. APCO/NENA Joint Pacific Chapter April 2014 Forum
3. Maui NG911 Cutover Travel (1/22/2014)

iii. Others

VI. Announcements

a. Next meeting date: Tuesday, February 11, 2014, Kalanimoku Bldg., Room 322B, 10am – 12noon.
    i. Future meeting dates (10am – 12noon).
        1. March 11, 2014, Kalanimoku Bldg, Room 322B
        2. April 15, 2014, Kalanimoku Bldg, Room 322B
        3. May 13, 2014, Kalanimoku Bldg, Room 322B
        5. June 17, 2014, Kalanimoku Bldg, Room 322B

b. Others

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

VII. Open Forum: Public comment on issues not on the agenda for consideration for Committee agenda at the next meeting

VIII. Adjournment

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

NEIL ABERCROMBIE
GOVERNOR

DEAN H. SEKI
COMPTROLLER

MARIA E. ZIELINSKI
DEPUTY COMPTROLLER

STATE OF HAWAI'I

DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

Enhanced 911 Communications, Technical, Finance Committee Meeting

Tuesday, January 14, 2014

Kalanimoku Bldg., Room 322B

1151 Punchbowl St., Honolulu

10 am to 12 noon

Meeting Minutes

Approved 2/11/2014

Communications Committee members present: Thalia Burns, Paul Ferreira, Marshall Kanehailua, Davlynn Racadio, Victor Ramos, and Clayton Tom.
Communications Committee members absent: Steven Schutte (Chair).

Technical Committee members present: Victor Ramos (Chair), Clement Chan, Aaron Correia, Marshall Kanehailua, Gary Lum, Brandon Raines, Tony Ramirez, Clayton Tom, and Kiman Wong
Technical Committee members absent: Steven Schutte.

Finance Committee members present: Mark Begley, Paul Ferreira, Lisa Hiraoka, Sherwin Perez, Roy Irei, and Clayton Kau.
Finance Committee members absent: Kiman Wong (Chair).

Board staff members: Thera Bradshaw and Courtney Tagupa

Observers: Mary Boyd (Intrado), Eric Butler (Pictometry), Patrick Chau (HPD), Diana Chun (EMS), Ryan Freitas (HTEL), Rob Gausepohl (Kauai), Travis Ing (Hawaii PD), Kevin Konczal (Tritech), Dave Peck (Pictometry), Randal Macadangdang (HPD), Ben Morgan (HTEL), Sean Naito (HPD), Caprice Ng (HTEL).

I. Call to Order, Public Notice, Quorum

a. The meeting was called to order at 10:00 am.

II. Public testimony on all agenda items

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

a. The Board Chair requested if anyone in attendance who wished to provide testimony on any agenda item to please come forward. There was no one who came forward.

III. Introductions

a. Introductions were made of all in attendance.

IV. Review and Approval of Last Meeting's Minutes

a. Roy Irei motioned to accept the minutes of December 2013. The motion was seconded by Ryan Freitas and approved unanimously by voice vote without discussion.

V. Items for Discussion, Consideration, and Action

a. Communications Committee – Thera Bradshaw
    i. 2014 Legislative Investigative Committee Update.
        1. Paul Ferreira reported the committee met with DAGS to discuss the prepaid wireless and utilizing eHawaii.gov to collect the .66 cents surcharge.
        2. The Executive Director drafted procedures and guiding polices for the collection of the surcharge which is currently under review. Once the initial review is completed, the guidelines will be forwarded to the Committee for review.
    ii. Others – none
b. Technical Committee – Victor Ramos
    i. Update on status of PSAP projects with funds pending expenditure.
        1. HFD – Fire/EMS CAD update – Gary Lum
            i. Nothing to report at this time.
        2. Kauai CAD update – Brandon Raines
            i. Continuing to work with Tritech on remaining issues.
            ii. Work will resume on the alternate dispatch center after the Maui and Molokai cutover is completed.

Approved 2/11/2014

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

3. HPD CAD update – Aaron Correia
    i. Motorola verified that problems reported by HPD is very serious and requires Motorola to do major revisions.
    ii. Fix due in April but no firm date as of yet. Once the fix is applied, the system must be tested then training can be conducted. Earliest go live will be August 2014.
    iii. Courtney Tagupa contacted to request funding be encumbered in the next fiscal year.
    iv. Clayton Tom inquired if HPD will require additional funding to which Aaron Correia responded in the negative.
4. Others
    i. State of Hawaii NG9-1-1 project update.
        1. Caprice Ng reported that:
            i. The project is on schedule for the Maui and Molokai PSAPs.
            ii. Maui will go live January 22, 2014 and Molokai on January 28, 2014.
        2. The Executive Director stated that:
            i. The reports filed with the FCC indicated Hawaii will be 100% at the end of January. Should the go live dates change, she requested to be notified immediately.
            ii. There are four main topics on the FCC's January agenda, one of which is texting to 9-1-1.
            iii. The FCC hearing will include discussion on an overall texting

Approved 2/11/2014

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

policy so all states operates the same.

iv. The four major carriers (Verizon, AT&T, T-Mobile and Sprint) will be ready in May 2014.

v. Hawaii will lead the nation not only in the infrastructure but also with texting to 9-1-1.

3. Mary Boyd provided updates on telematics calls:

i. Intrado represents the industry in the routing of telematics calls from vehicles.

ii. In todays' environment, the calls are routed to a 7 or 10-digit non-emergency telephone number versus directly to 9-1-1.

iii. Within the next month, Intrado will host educational webinars for all the PSAPs and when completed will route all calls via the 9-1-1 network throughout the country.

i. Request updates for Enhanced 911 Timeline continuum.

1. The Board Chair reminded the PSAPs to continue to provide timely updates.

ii. Investigative Regulatory Committee update.

1. Marshall Kanehailua reported that the IRC will be meeting with HTEL after the Communications, Technical and Finance meeting.

iii. FCC updates.

Approved 2/11/2014

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

1. Update provided and incorporated in the State of Hawaii NG9-1-1 project update section.

iv. Request for approval:

1. Paul Ferreira motioned to approve the State of Hawaii Delegates attendance to 9-1-1 Goes to Washington. The motion was seconded by Lisa Hiraoka and approved unanimously by voice vote. The matter was forwarded to the Finance Committee for approval.

    i. HPD:

        1. R. Macadangdang - $3,500
        2. S. Naito - $3,500
        3. T. Burns - $3,500
        4. TBD - $3,500

    ii. MPD:

        1. C. Tom - $3,700
        2. V. Ramos - $3,700
        3. D. Racadio - $3,700

    iii. EMS:

        1. P. Dukes - $3,500

    iv. Executive Director - $2,500

    v. Board Members:

        1. R. Freitas - $3,500
        2. K. Wong - $3,500

    vi. Kauai PD:

        3. TBD - $3,700

    vii. Hawaii PD:

        1. TBD - $3,700
        2. TBD - $3,700

2. APCO/NENA Joint Pacific Chapter April 2014 Forum.

    i. The Executive Director stated that:

Approved 2/11/2014

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

1. The forums have been well received and attended by national and international leadership.
2. Initially the Board was to host the forums, however due to restrictive rules, the Joint Chapter of APCO/NENA agreed to take on the task and has done a great job.
3. The Board has been supportive of the forums and she hopes the Board will continue their support.
4. The Marriott was the venue used for the last forum and the committee received a tremendous amount of help from Shelby Furukawa of HFD who has a direct connection to the venue and hoped that she be would be allowed to assist with the upcoming forum. Gary Lum informed the attendees that he had an earlier request and that he would discuss the matter with Ms. Furukawa.

ii. Thalia Burns provided the following:

1. The tentative dates for the forum are April 14-17, 2014, during Telecommunicators Week.
2. Various venues have been contacted to see if the dates could be accommodated.
3. The committee is being assembled and the first official meeting to be held later in the day.

3. Maui NG911 Cutover Travel

i. The following was discussed:

Approved 2/11/2014

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

1. Request to fund individuals from Kauai, Honolulu and the Big Island to attend the Maui and Molokai cutover.
2. It is a benefit to the PSAPs and an opportunity to learn from each other.
3. Cost of $600 for 2 individuals per PSAP to attend.
4. Request for consideration for Kauai attendees as the travel will require an additional leg.

ii. Tony Ramirez motioned for 2 individuals from each PSAP to travel to Maui and Molokai for the cutover to include lodging for those who travel to Molokai. The motion was seconded by Clayton Tom and approved unanimously by voice vote without discussion. The matter was forwarded to the Finance Committee for approval.

v. Request approval for the presentation at the NENA 2014 conference by Sonny Bhagowalia of the Synergy between E9-1-1/Next Generation 9-1-1 and FirstNet

1. Sonny Bhagowalia was to make a presentation, however he was unavailable.
2. Victor Ramos indicated that this item will be removed from the agenda as it has been on the agenda for the past two months. Should the CIO wish to make the presentation he can request the item be placed back on the agenda.

C. Finance Committee – Kiman Wong (absent)

i. Review of Monthly Cash Flow & Budget Financial report was presented by Courtney Tagupa.

1. Receipts - $517,205

Approved 2/11/2014

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

2. Cash Flow - $10,522,587
3. Disbursements - $491,406
5. Unencumbered Cash - $9,200,480

ii. Additional information regarding the report was provided:

1. Courtney Tagupa stated that two checks from the wireless service providers were lost in the mail and the amounts will be reflected on next months' report. He also stated that the Board is unable to assess a penalty as the law does not allow it.
2. The Executive Director stated that the Board may want to consider legislative changes in the next legislative session since there is no penalty when a bill is not paid and she will follow up with DAGS should this become an issue.
3. Clayton Tom indicated that amendments could be made to the administrative rules to include some type of penalty.
4. Roy Irei stated that we should analyze the cost, benefits, and trend.

iii. Request for funding:

1. State of Hawaii Delegates attending 9-1-1 Goes to Washington:
    i. HPD:
        1. R. Macadangdang - $3,500
        2. S. Naito - $3,500
        3. T. Burns - $3,500
        4. TBD - $3,500
    ii. MPD:
        1. C. Tom - $3,500
        2 V. Ramos - $3,500
        3. D. Racadio - $3,500

Approved 2/11/2014

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

iii. EMS:
    1. P. Dukes - $3,500
iv. Executive Director - $2,500
v. Board Members:
    1. R. Freitas - $3,500
    2. K. Wong - $3,500
vi. Kauai PD:
    1. TBD - $3,700
vii. Hawaii PD:
    1. TBD - $3,700
    2. TBD - $3,700
viii. Paul Ferreira motioned to approved the State of Hawaii Delegates attendance to 9-1-1 Goes to Washington. The motion was seconded by Lisa Hiraoka and approved unanimously by voice vote without discussion. The matter to be forwarded to the Board for final approval.

5. APCO/NENA Joint Pacific Chapter April Forum
    i. No action taken at this time.
4. Maui NG911 Cutover Travel
    i. Request to fund 2 individuals from each PSAP to travel to Maui and Molokai for the cutover to include lodging for those who travel to Molokai.
    ii. Paul Ferreira motioned to approve 2 individuals from each PSAP to travel to Maui and Molokai for the cutover to include lodging for those who travel to Molokai. The motion was seconded by Lisa Hiraoka and approved unanimously by voice vote without discussion. The matter to be forwarded to the Board for final approval.

VI. Announcements

Approved 2/11/2014

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

a. Next meeting date: Tuesday, February 11, 2014, Kalanimoku Bldg., Room 322B, 10am – 12noon.

i. Future meeting dates (10am – 12noon).

1. March 11, 2014, Kalanimoku Bldg, Room 322B
2. April 15, 2014, Kalanimoku Bldg, Room 322B
3. May 13, 2014, Kalanimoku Bldg, Room 322B
4. June 17, 2014, Kalanimoku Bldg, Room 322B
5. July 15, 2014, Kalanimoku Bldg, Room 322B

b. Others - none

VII. Open Forum: Public comment on issues not on the agenda for consideration for Committee agenda at the next meeting.

a. There was no one who came forward to testify.

VIII. Adjournment

a. The meeting was adjourned at 10:38 am.

Approved 2/11/2014

If you require an auxiliary aid or accommodation due to a disability, please contact 808-447-8919 (voice/tty) or email at ctagupa@keakitech.com.

HAWAII ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending December 31, 2013

FIRST HAWAIIAN BANK ACCOUNT:

General Fund

Budget Analysis				
FY 2014	Actuals		Annual Budget	% of Budget Expended
	DECEMBER	Fiscal YTD		
Receipts:				
Enhanced 911 Surcharge Collection	516,853	4,094,989	9,050,000	45.2%
Interest Income	352	1,191	2,000	59.6%
Receipts	517,205	4,096,180	9,052,000	45.3%
Disbursements:				
Conference Travel	(6,587)	(11,312)	(159,132)	7.1%
Non-Recurring Expenses	(24,924)	(83,092)	(2,066,254)	4.0%
Recurring Expenses:				
Administration	(138,148)	(439,277)	(1,240,904)	35.4%
Maintenance	(144,898)	(965,522)	(3,278,600)	29.4%
Telecommunications	(176,850)	(676,549)	(1,927,936)	35.1%
Other			(7,600)	0.0%
Disbursements	(491,406)	(2,175,752)	(8,680,426)	25.1%
Net Receipts/(Disbursements)	25,799	1,920,428	371,574	
Cash Flow Analysis				
Net Receipts/(Disbursements)	$ 25,799	1,920,428		
Encumbrance Paydowns:				Encumb. Bal.
FY 2011 (Kauai)	(133,218)	(133,218)		490,307
FY 2012 (HFD/EDS/HPD)		(197,106)		841,800
FY 2013		(405,266)		
Total Cash Outflow	(133,218)	(735,590)		
Net Cash Inflow/(Outflow)	(107,419)	1,184,838		
Bank Balance Analysis:				
ADD: July 1, 2013 Beginning Balance		9,347,748		
Net Bank Balance		10,532,587		
Outstanding Ecumb/Accruals		(1,332,107)		
Unencumbered Cash Balance		9,200,480		

HAWAII ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending December 31, 2013

MONTH OF DECEMBER 2013	Hawaii PSAP	Kauai PSAP	Maui PSAP	Oahu PSAP	ADMIN	TOTAL
Total RECEIPTS	-	-	-	-	517,205	517,205
DISBURSEMENTS:						
6200 CONFERENCES						
6204 APCO Conference	-	5,223	-	-	-	5,223
6225 VIPER CUTOver	764	-	600	-	-	1,364
Total 6200 CONFERENCES	764	5,223	600	-	-	6,587
6300 Non-RECURRING						
6303 Computers						
6303.18 PWC Tech cutover Supp	3,229	-	-	-	-	3,229
Total 6303 Computers	3,229	-	-	-	-	3,229
6306 Training						
6306.13 OT Viper Training	-	-	-	21,694	-	21,694
Total 6306 Training	-	-	-	21,694	-	21,694
Total 6300 Non-RECURRING	3,229	-	-	21,694	-	24,924
6400 RECURRING EXPENSES						
6401 ADMINISTRATION						
6401.01 Exec Dir. Services	-	-	-	-	28,438	28,438
6401.08 Board Member Travel	-	-	-	-	2,475	2,475
6401.09 DB&F Assessments						
6401.0101 DB&F Admin. Assess	-	-	-	-	20,236	20,236
6401.0102 DB&F Rev Assessment	-	-	-	-	86,993	86,993
Total 6401.09 DB&F Assessments	-	-	-	-	107,229	107,229
6401.11 Miscellaneous Expense	-	-	-	-	6	6
Total 6401 ADMINISTRATION	-	-	-	-	138,148	138,148
6402 MAINTENANCE						
6402.07 0011 9-1-1MSAG Maint.	25,637	-	28,971	90,290	-	144,898
Total 6402 MAINTENANCE	25,637	-	28,971	90,290	-	144,898
6403 Other RECURRING						
6403.01 Telcom Charges						
6403.0102 Long Distance	28	128	34	-	-	189
6403.0103 Mileage	-	-	-	959	-	959
6403.0109 Telcom Trunk	25,529	46,416	23,208	80,087	-	175,240
6403.0110 Ocean Safety						
6403.0110.2 Centrex	-	-	-	394	-	394
6403.0110.3 Mileage	-	-	-	68	-	68
Total 6403.0110 Ocean Safety	-	-	-	462	-	462
Total 6403.01 Telcom Charges	25,557	46,543	23,241	81,509	-	176,850
Total 6403 Other RECURRING	25,557	46,543	23,241	81,509	-	176,850
Total 6400 RECURRING EXPENSES	51,194	46,543	52,212	171,799	138,148	459,896
Total DISBURSEMENTS	55,187	51,766	52,812	193,493	138,148	491,406

HAWAII ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending December 31, 2013

Fiscal Year-to-date 2014 Disbursements Detail by Account, PSAP & Administration

HAWAII ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending December 31, 2013

FY 2014 DECEMBER 2013	Hawaii PSAP	Kauai PSAP	Maui PSAP	Oahu PSAP	ADMINISTRATION	TOTAL		
	6 MOS.	6 MOS.	6 MOS.	6 MOS.	6 MOS.	6 MOS.	ANNUAL Budget	$ Over/(Under)
Total Income	-	-	-	-	4,096,180	4,096,180	9,052,000	(4,955,820)
DISBURSEMENTS:								
6200 CONFERENCES								
6204 APCO Conference	-	5,223	-	6,544	2,507	14,273	24,698	(10,425)
6212 NASNA Conference	-	-	-	-	2,810	2,810	2,810	-
6214 Nena Conference	3,134	-	2,329	(10,605)	(3,500)	(8,643)	-	(8,643)
6225 VIPER CUTOver	1,625	458	600	189	-	2,872	3,715	(843)
6200 CONFERENCES - Other	-	-	-	-	-	-	127,909	(127,909)
Total 6200 CONFERENCES	4,759	5,680	2,929	(3,872)	1,817	11,312	159,132	(147,820)
6300 Non-RECURRING								
6301 CAD Replac/Upgrade								
6301.01 EMS	-	-	-	-	-	-	99,000	(99,000)
6301.02 Hawai'i Police Dept	-	-	-	-	-	-	1,500,000	(1,500,000)
6301.03 Honolulu Fire Dept.								
6301.031 Licensing	-	-	-	-	-	-	6,105	(6,105)
6301.032 Consulting	-	-	-	1,625	-	1,625	2,500	(875)
6301.03 Honolulu Fire Dept. - Other	-	-	-	-	-	-	72,000	(72,000)
Total 6301.03 Honolulu Fire Dept.	-	-	-	1,625	-	1,625	80,605	(78,980)
Total 6301 CAD Replac/Upgrade	-	-	-	1,625	-	1,625	1,679,605	(1,677,980)
6303 Computers								
6303.06 GeoComm	-	-	-	26,324	-	26,324	150,000	(123,676)
6303.15 NG911 Record Syst.	-	-	-	-	-	-	110,000	(110,000)
6303.16 ViperInstall	-	-	-	30,220	-	30,220	30,320	(100)
6303.17 Intrado Phone	-	-	-	-	-	-	5,000	(5,000)
6303.18 PWC Tech cutover Supp	3,229	-	-	-	-	3,229	3,229	-
6303.19 Reposition of Consoles	-	-	-	-	-	-	5,100	(5,100)
Total 6303 Computers	3,229	-	-	56,544	-	59,773	303,649	(243,876)
6306 Training								
6306.11 Training (CAD) HPD	-	-	-	-	-	-	8,000	(8,000)
6306.12 TriTechCADSystAdm								
6306.121 CAD Tritech HFD	-	-	-	-	-	-	20,000	(20,000)
6306.122 CAD TriTech EMS	-	-	-	-	-	-	7,000	(7,000)
Total 6306.12 TriTechCADSystAdm	-	-	-	-	-	-	27,000	(27,000)
6306.13 OT Viper Training	-	-	-	21,694	-	21,694	48,000	(26,306)
Total 6306 Training	-	-	-	21,694	-	21,694	83,000	(61,306)
Total 6300 Non-RECURRING	3,229	-	-	79,863	-	83,092	2,066,254	(1,983,162)

HAWAII ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending December 31, 2013

FY 2014 DECEMBER 2013	Hawaii PSAP	Kauai PSAP	Maui PSAP	Oahu PSAP	ADMINISTRATION	TOTAL		
	6 MOS.	6 MOS.	6 MOS.	6 MOS.	6 MOS.	6 MOS.	ANNUAL Budget	$ Over/(Under)
DISBURSEMENTS:								
6400 RECURRING EXPENSES								
6401 ADMINISTRATION								
6401.01 Exec Dir. Services	-	-	-	-	170,819	170,819	341,250	(170,431)
6401.02 ElectronSignatur	-	-	-	-	-	-	189	(189)
6401.05 Audit Expense	-	-	-	-	10,000	10,000	11,500	(1,500)
6401.06 Bank Charge	-	-	-	-	-	-	108	(108)
6401.08 Board Member Travel		-	-	-	10,562	10,562	28,988	(18,426)
6401.09 DB&F Assessments								
6401.0101 DB&F Admin. Assess	-	-	-	-	35,826	35,826	238,000	(202,174)
6401.0102 DB&F Rev Assessment	-	-	-	-	189,184	189,184	454,444	(265,260)
6401.0104 FY2013 Assess	-	-	-	-	24,914	24,914	-	24,914
Total 6401.09 DB&F Assessments	-	-	-	-	249,924	249,924	692,444	(442,520)
6401.11 Miscellaneous Expense	(0)	-	-	-	5	5	500	(495)
6401.12 NASNA Dues	-	-	-	-	-	-	215	(215)
6401.13 Parking Permits	-	-	-	-	-	-	210	(210)
6401.15 WSP Cost Recovery								
6401.0101 Sprint/Nextel	-	-	-	-	(2,033)	(2,033)	-	(2,033)
6401.15 WSP Cost Recovery - Other	-	-	-	-	-	-	140,000	(140,000)
Total 6401.15 WSP Cost Recovery	-	-	-	-	(2,033)	(2,033)	140,000	(142,033)
6401.17 ADA Compliance	-	-	-	-	-	-	500	(500)
6401.18 AG Legal Fees	-	-	-	-	-	-	25,000	(25,000)
Total 6401 ADMINISTRATION	(0)	-	-	-	439,277	439,277	1,240,904	(801,627)

HAWAII ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending December 31, 2013

FY 2014 DECEMBER 2013	Hawaii PSAP	Kauai PSAP	Maui PSAP	Oahu PSAP	ADMINISTRATION	TOTAL		
	6 MOS.	6 MOS.	6 MOS.	6 MOS.	6 MOS.	6 MOS.	ANNUAL Budget	$ Over/(Under)
DISBURSEMENTS:								
6402 MAINTENANCE								
6402.02 Imagery Lic Agree	-	-	-	217,176	-	217,176	874,698	(657,522)
6402.05 Logging RecordMaint	-	-	-	-	-	-	60,775	(60,775)
6402.07 0011 9-1-1MSAG Maint.	129,307	82,606	143,732	225,726	-	581,371	1,654,959	(1,073,588)
6402.08 CAD Maintenance	-	-	-	-	-	-	633,862	(633,862)
6402.09 CAD System Maint								
6402.1003 Honolulu Police Dept	-	-	-	130,609	-	130,609	-	130,609
Total 6402.09 CAD System Maint	-	-	-	130,609	-	130,609	-	130,609
6402.11 GeoComm Maint	-	-	-	36,366	-	36,366	50,000	(13,634)
6402.13 Software Maintenance								
6402.131 Integraph DB S/W Maint	-	-	-	-	-	-	4,306	(4,306)
Total 6402.13 Software Maintenance	-	-	-	-	-	-	4,306	(4,306)
Total 6402 MAINTENANCE	129,307	82,606	143,732	609,878	-	965,522	3,278,600	(2,313,078)
6403 Other RECURRING								
6403.01 Telcom Charges								
6403.0101 Alt. PSAP 9-1-1 Del	-	-	-	-	-	-	100,950	(100,950)
6403.0102 Long Distance	203	184	142	-	-	529	1,440	(911)
6403.0103 Mileage	-	-	-	4,756		4,756	-	4,756
6403.0109 Telcom Trunk	127,643	46,416	92,832	395,715	-	662,605	1,657,050	(994,445)
6403.0110 Ocean Safety								
6403.0110.1 CML	-	-	-	6,651	-	6,651	24,858	(18,207)
6403.0110.2 Centrex	-	-	-	1,671	-	1,671	-	1,671
6403.0110.3 Mileage	-	-	-	338	-	338	11,353	(11,015)
Total 6403.0110 Ocean Safety	-	-	-	8,659	-	8,659	36,211	(27,552)
6403.0112 HPD CML Viper	-	-	-	-	-	-	132,285	(132,285)
Total 6403.01 Telcom Charges	127,846	46,600	92,973	409,130	-	676,549	1,927,936	(1,251,387)
6403.02 EMS Tower Lease	-	-	-	-	-	-	7,600	(7,600)
Total 6403 Other RECURRING	127,846	46,600	92,973	409,130	-	676,549	1,935,536	(1,258,987)
Total 6400 RECURRING EXPENSES	257,154	129,205	236,705	1,019,007	439,277	2,081,348	6,455,040	(4,373,692)
Total DISBURSEMENTS	265,142	134,886	239,633	1,094,998	441,093	2,175,752	8,680,426	(6,504,674)

HAWAII ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending December 31, 2013

Summary of Encumbrances/Accruals:								
							TOTAL	12/31/2013
FY 2011 Encumbrances:	Oahu	Maui	Kauai	Hawaii	Admin	Total	Paydowns	Balance
CAD Upgrade:			623,524.70			623,524.70	133,218.00	490,306.70
FY 2012 Encumbrances:						-		
CAD Upgrades:								
EMS/FIRE	253,156.46					253,156.46	197,106.19	56,050.27
HPD	785,750.00					785,750.00		785,750.00
Total FY 2012 Encumbrances	1,038,906.46	-	-	-	-	1,038,906.46	197,106.19	841,800.27
FY 2013 Accruals								
DB&F Rev. Assessment					38,407.23	38,407.23	38,407.23	-
DB&F Admin. Assessment					65,482.45	65,482.45	65,482.45	-
NENA Conference	24,500.00	7,000.00		3,500.00	3,500.00	38,500.00	38,500.00	-
WSP Recovery-Sprint					72,911.00	72,911.00	72,911.00	-
MSAG & GIS		38,758.07	27,158.91	37,636.89		103,553.87	103,553.87	-
Ocean Safety-Telecom	1,662.66					1,662.66	1,662.66	-
HawTelcom CML Positions		23,207.88	9,283.15	51,057.32		83,548.35	83,548.35	-
Board & Committee Travel					1,200.00	1,200.00	1,200.00	-
Total FY 2013 Accruals	26,162.66	68,965.95	36,442.06	92,194.21	181,500.68	405,265.56	405,265.56	-
Total Encumbrances/Accruals	1,065,069.12	68,965.95	659,966.76	92,194.21	181,500.68	2,067,696.72	735,589.75	1,332,106.97

FY 2014 STRATEGIC BUDGET PLAN CHANGES	HAWAII PSAP	OAHU PSAP	MAUI PSAP	KAUAI PSAP	ADMIN	CONFERENCE	TOTAL	Board Approval Date
BOARD APPROVED ORIGINAL FY2014 STP	2,410,833.00	2,879,497.00	1,207,745.00	730,061.00	1,253,469.00	157,332.00	8,638,937.00	6/6/2013
Viper Installation Cutover		600.00	600.00	600.00		(1,800.00)	-	6/6/2013
APCO Conference (Aug 2013)		4,830.00			2,415.00	(7,245.00)		5/14/2013
APCO Conference (Aug 2013)		1,250.00			425.00	(1,675.00)		6/6/2013
APCO Conference (Aug 2013)					1,000.00	(1,000.00)	-	6/6/2013
APCO Conference (Aug 2013)		5,300.00				(5,300.00)		6/6/2013
HFD/EDS CAD Upgrade-CAD Licensing		6,105.00					6,105.00	7/11/2013
HFD/EDS CAD Upgrade-CAD Consulting		2,500.00					2,500.00	7/11/2013
APCO Conference (Aug 2013)		2,500.00		6,978.00		(9,478.00)	-	7/11/2013
Intrado Viper System-HFD (TBD)		30,320.00					30,320.00	8/15/2013
Viper Installation Cutover				115.20		(115.20)	-	8/15/2013
Executive Director 2nd Opt Year					(8,531.00)		(8,531.00)	9/12/2013
NASNA Conference (Nov2013)					2,809.89	(2,809.89)	-	9/12/2013
Intrado Phone for Command Console		5,000.00					5,000.00	10/10/2013
Oahu PSAP Cutover Observance-Oct.22-23,2013	600.00		600.00	600.00			1,800.00	11/14/2013
Hawaii PSAP PWC technical support during Cutover	3,229.15						3,229.15	11/14/2013
Kauai PSAP Repositioning of Furniture				5,100.00			5,100.00	11/14/2013
E911 Logo Contest (Budget eliminated)					(4,034.00)		(4,034.00)	12/12/2013
							-	
Totals	2,414,662.15	2,937,902.00	1,208,945.00	743,454.20	1,247,553.89	127,908.91	8,680,426.15	

HAWAII ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending December 31, 2013

Fiscal Year-to-date 2014 Disbursements Detail by PSAP & Administration

HAWAII ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending December 31, 2013

FY 2014 DECEMBER 2013	Hawaii PSAP		
	6 MOS.	ANNUAL Budget	$ Over/(Under) Budget
DISBURSEMENTS:			
6200 CONFERENCES			
6204 APCO Conference	-	-	-
6212 NASNA Conference	-	-	-
6214 Nena Conference	3,134	-	3,134
6225 VIPER CUTOver	1,625	600	1,025
6200 CONFERENCES - Other	-	-	-
Total 6200 CONFERENCES	4,759	600	4,159
6300 Non-RECURRING			
6301 CAD Replac/Upgrade			
6301.01 EMS	-	-	-
6301.02 Hawai'i Police Dept	-	1,500,000	(1,500,000)
6301.03 Honolulu Fire Dept.			
6301.031 Licensing	-	-	-
6301.032 Consulting	-	-	-
6301.03 Honolulu Fire Dept. - Other	-	-	-
Total 6301.03 Honolulu Fire Dept.	-	-	-
Total 6301 CAD Replac/Upgrade	-	1,500,000	(1,500,000)
6303 Computers			
6303.06 GeoComm	-	-	-
6303.15 NG911 Record Syst.	-	55,000	(55,000)
6303.16 ViperInstall	-	-	-
6303.17 Intrado Phone	-	-	-
6303.18 PWC Tech cutover Supp	3,229	3,229	-
6303.19 Reposition of Consoles	-	-	-
Total 6303 Computers	3,229	58,229	(55,000)
6306 Training			
6306.11 Training (CAD) HPD	-	-	-
6306.12 TriTechCADSystAdm			
6306.121 CAD Tritech HFD	-	-	-
6306.122 CAD TriTech EMS	-	-	-
Total 6306.12 TriTechCADSystAdm	-	-	-
6306.13 OT Viper Training	-	-	-
Total 6306 Training	-	-	-
Total 6300 Non-RECURRING	3,229	1,558,229	(1,555,000)
6400 RECURRING EXPENSES			
6402 MAINTENANCE			
6402.02 Imagery Lic Agree	-	-	-
6402.05 Logging RecordMaint	-	-	-
6402.07 0011 9-1-1MSAG Maint.	129,307	480,444	(351,137)
6402.08 CAD Maintenance	-	64,255	(64,255)
6402.09 CAD System Maint			
6402.1003 Honolulu Police Dept	-	-	-
Total 6402.09 CAD System Maint	-	-	-
6402.11 GeoComm Maint	-	-	-
6402.13 Software Maintenance			
6402.131 Integraph DB S/W Maint	-	4,306	(4,306)
Total 6402.13 Software Maintenance	-	4,306	(4,306)
Total 6402 MAINTENANCE	129,307	549,005	(419,698)
6403 Other RECURRING			
6403.01 Telcom Charges			
6403.0101 Alt. PSAP 9-1-1 Del	-	-	-
6403.0102 Long Distance	203	480	(277)
6403.0103 Mileage	-	-	-
6403.0109 Telcom Trunk	127,643	306,348	(178,705)
6403.0110 Ocean Safety			
6403.0110.1 CML	-	-	-
6403.0110.2 Centrex	-	-	-
6403.0110.3 Mileage	-	-	-
Total 6403.0110 Ocean Safety	-	-	-
6403.0112 HPD CML Viper	-	-	-
Total 6403.01 Telcom Charges	127,846	306,828	(178,982)
6403.02 EMS Tower Lease	-	-	-
Total 6403 Other RECURRING	127,846	306,828	(178,982)
Total 6400 RECURRING EXPENSES	257,154	855,833	(598,679)
Total DISBURSEMENTS	265,142	2,414,662	(2,149,521)

HAWAII ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending December 31, 2013

FY 2014 DECEMBER 2013	Kauai PSAP		
	6 MOS.	ANNUAL Budget	$ Over/(Under) Budget
DISBURSEMENTS:			
6200 CONFERENCES			
6204 APCO Conference	5,223	6,978	(1,755)
6212 NASNA Conference	-	-	-
6214 Nena Conference	-	-	-
6225 VIPER CUTOver	458	1,315	(857)
6200 CONFERENCES - Other	-	-	-
Total 6200 CONFERENCES	5,680	8,293	(2,613)
6300 Non-RECURRING			
6301 CAD Replac/Upgrade			
6301.01 EMS	-	-	-
6301.02 Hawai'i Police Dept	-	-	-
6301.03 Honolulu Fire Dept.			
6301.031 Licensing	-	-	-
6301.032 Consulting	-	-	-
6301.03 Honolulu Fire Dept. - Other	-	-	-
Total 6301.03 Honolulu Fire Dept.	-	-	-
Total 6301 CAD Replac/Upgrade	-	-	-
6303 Computers			
6303.06 GeoComm	-	-	-
6303.15 NG911 Record Syst.	-	-	-
6303.16 ViperInstall	-	-	-
6303.17 Intrado Phone	-	-	-
6303.18 PWC Tech cutover Supp	-	-	-
6303.19 Reposition of Consoles	-	5,100	(5,100)
Total 6303 Computers	-	5,100	(5,100)
6306 Training			
6306.11 Training (CAD) HPD	-	-	-
6306.12 TriTechCADSystAdm			
6306.121 CAD Tritech HFD	-	-	-
6306.122 CAD TriTech EMS	-	-	-
Total 6306.12 TriTechCADSystAdm	-	-	-
6306.13 OT Viper Training	-	-	-
Total 6306 Training	-	-	-
Total 6300 Non-RECURRING	-	5,100	(5,100)
6400 RECURRING EXPENSES			
6402 MAINTENANCE			
6402.02 Imagery Lic Agree	-	186,810	(186,810)
6402.05 Logging RecordMaint	-	-	-
6402.07 0011 9-1-1MSAG Maint.	82,606	330,423	(247,817)
6402.08 CAD Maintenance	-	-	-
6402.09 CAD System Maint			
6402.1003 Honolulu Police Dept	-	-	-
Total 6402.09 CAD System Maint	-	-	-
6402.11 GeoComm Maint	-	-	-
6402.13 Software Maintenance			
6402.131 Integraph DB S/W Maint	-	-	-
Total 6402.13 Software Maintenance	-	-	-
Total 6402 MAINTENANCE	82,606	517,233	(434,627)
6403 Other RECURRING			
6403.01 Telcom Charges			
6403.0101 Alt. PSAP 9-1-1 Del	-	100,950	(100,950)
6403.0102 Long Distance	184	480	(296)
6403.0103 Mileage	-	-	-
6403.0109 Telcom Trunk	46,416	111,398	(64,982)
6403.0110 Ocean Safety			
6403.0110.1 CML	-	-	-
6403.0110.2 Centrex	-	-	-
6403.0110.3 Mileage	-	-	-
Total 6403.0110 Ocean Safety	-	-	-
6403.0112 HPD CML Viper	-	-	-
Total 6403.01 Telcom Charges	46,600	212,828	(166,228)
6403.02 EMS Tower Lease	-	-	-
Total 6403 Other RECURRING	46,600	212,828	(166,228)
Total 6400 RECURRING EXPENSES	129,205	730,061	(600,856)
Total DISBURSEMENTS	134,886	743,454	(608,568)

HAWAII ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending December 31, 2013

FY 2014 DECEMBER 2013	Maui PSAP		
	6 MOS.	ANNUAL Budget	$ Over/(Under) Budget
DISBURSEMENTS:			
6200 CONFERENCES			
6204 APCO Conference	-	-	-
6212 NASNA Conference	-	-	-
6214 Nena Conference	2,329	-	2,329
6225 VIPER CUTOver	600	1,200	(600)
6200 CONFERENCES - Other	-	-	-
Total 6200 CONFERENCES	2,929	1,200	1,729
6300 Non-RECURRING			
6303 Computers			
6303.06 GeoComm	-	-	-
6303.15 NG911 Record Syst.	-	55,000	(55,000)
6303.16 ViperInstall	-	-	-
6303.17 Intrado Phone	-	-	-
6303.18 PWC Tech cutover Supp	-	-	-
6303.19 Reposition of Consoles	-	-	-
Total 6303 Computers	-	55,000	(55,000)
6306 Training			
6306.11 Training (CAD) HPD	-	-	-
6306.12 TriTechCADSystAdm			
6306.121 CAD Tritech HFD	-	-	-
6306.122 CAD TriTech EMS	-	-	-
Total 6306.12 TriTechCADSystAdm	-	-	-
6306.13 OT Viper Training	-	-	-
Total 6306 Training	-	-	-
Total 6300 Non-RECURRING	-	55,000	(55,000)
6400 RECURRING EXPENSES			
6402 MAINTENANCE			
6402.02 Imagery Lic Agree	-	387,888	(387,888)
6402.05 Logging RecordMaint	-	-	-
6402.07 0011 9-1-1MSAG Maint.	143,732	302,350	(158,618)
6402.08 CAD Maintenance	-	169,607	(169,607)
6402.09 CAD System Maint			
6402.1003 Honolulu Police Dept	-	-	-
Total 6402.09 CAD System Maint	-	-	-
6402.11 GeoComm Maint	-	-	-
6402.13 Software Maintenance			
6402.131 Integraph DB S/W Maint	-	-	-
Total 6402.13 Software Maintenance	-	-	-
Total 6402 MAINTENANCE	143,732	859,845	(716,113)
6403 Other RECURRING			
6403.01 Telcom Charges			
6403.0101 Alt. PSAP 9-1-1 Del	-	-	-
6403.0102 Long Distance	142	480	(338)
6403.0103 Mileage	-	-	-
6403.0109 Telcom Trunk	92,832	292,420	(199,588)
6403.0110 Ocean Safety			
6403.0110.1 CML	-	-	-
6403.0110.2 Centrex	-	-	-
6403.0110.3 Mileage	-	-	-
Total 6403.0110 Ocean Safety	-	-	-
6403.0112 HPD CML Viper	-	-	-
Total 6403.01 Telcom Charges	92,973	292,900	(199,927)
6403.02 EMS Tower Lease	-	-	-
Total 6403 Other RECURRING	92,973	292,900	(199,927)
Total 6400 RECURRING EXPENSES	236,705	1,152,745	(916,040)
Total DISBURSEMENTS	239,633	1,208,945	(969,312)

HAWAII ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending December 31, 2013

FY 2014 DECEMBER 2013	Oahu PSAP		
	6 MOS.	ANNUAL Budget	$ Over/(Under) Budget
DISBURSEMENTS:			
6200 CONFERENCES			
6204 APCO Conference	6,544	13,880	(7,336)
6212 NASNA Conference	-	-	-
6214 Nena Conference	(10,605)	-	(10,605)
6225 VIPER CUTOver	189	600	(411)
6200 CONFERENCES - Other	-	-	-
Total 6200 CONFERENCES	(3,872)	14,480	(18,352)
6300 Non-RECURRING			
6301 CAD Replac/Upgrade			
6301.01 EMS	-	99,000	(99,000)
6301.02 Hawai'i Police Dept	-	-	-
6301.03 Honolulu Fire Dept.			
6301.031 Licensing	-	6,105	(6,105)
6301.032 Consulting	1,625	2,500	(875)
6301.03 Honolulu Fire Dept. - Ot	-	72,000	(72,000)
Total 6301.03 Honolulu Fire Dept.	1,625	80,605	(78,980)
Total 6301 CAD Replac/Upgrade	1,625	179,605	(177,980)
6303 Computers			
6303.06 GeoComm	26,324	150,000	(123,676)
6303.15 NG911 Record Syst.	-	-	-
6303.16 ViperInstall	30,220	30,320	(100)
6303.17 Intrado Phone	-	5,000	(5,000)
6303.18 PWC Tech cutover Supp	-	-	-
6303.19 Reposition of Consoles	-	-	-
Total 6303 Computers	56,544	185,320	(128,776)
6306 Training			
6306.11 Training (CAD) HPD	-	8,000	(8,000)
6306.12 TriTechCADSystAdm			
6306.121 CAD Tritech HFD	-	20,000	(20,000)
6306.122 CAD TriTech EMS	-	7,000	(7,000)
Total 6306.12 TriTechCADSystAdm	-	27,000	(27,000)
6306.13 OT Viper Training	21,694	48,000	(26,306)
Total 6306 Training	21,694	83,000	(61,306)
Total 6300 Non-RECURRING	79,863	447,925	(368,062)
6400 RECURRING EXPENSES			
6402 MAINTENANCE			
6402.02 Imagery Lic Agree	217,176	300,000	(82,824)
6402.05 Logging RecordMaint	-	60,775	(60,775)
6402.07 0011 9-1-1MSAG Maint.	225,726	541,742	(316,016)
6402.08 CAD Maintenance	-	400,000	(400,000)
6402.09 CAD System Maint			
6402.1003 Honolulu Police Dept	130,609	-	130,609
Total 6402.09 CAD System Maint	130,609	-	130,609
6402.11 GeoComm Maint	36,366	50,000	(13,634)
6402.13 Software Maintenance			
6402.131 Integraph DB S/W Maint	-	-	-
Total 6402.13 Software Maintenanc	-	-	-
Total 6402 MAINTENANCE	609,878	1,352,517	(742,639)
6403 Other RECURRING			
6403.01 Telcom Charges			
6403.0101 Alt. PSAP 9-1-1 Del	-	-	-
6403.0102 Long Distance	-	-	-
6403.0103 Mileage	4,756	-	4,756
6403.0109 Telcom Trunk	395,715	946,884	(551,169)
6403.0110 Ocean Safety			
6403.0110.1 CML	6,651	24,858	(18,207)
6403.0110.2 Centrex	1,671	-	1,671
6403.0110.3 Mileage	338	11,353	(11,015)
Total 6403.0110 Ocean Safety	8,659	36,211	(27,552)
6403.0112 HPD CML Viper	-	132,285	(132,285)
Total 6403.01 Telcom Charges	409,130	1,115,380	(706,250)
6403.02 EMS Tower Lease	-	7,600	(7,600)
Total 6403 Other RECURRING	409,130	1,122,980	(713,850)
Total 6400 RECURRING EXPENSES	1,019,007	2,475,497	(1,456,490)
Total DISBURSEMENTS	1,094,998	2,937,902	(1,842,904)

HAWAII ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending December 31, 2013

FY 2014 DECEMBER 2013	ADMINISTRATION		
	6 MOS.	ANNUAL	$ Over/(Under)
Total Income	4,096,180	9,052,000	(4,955,820)
DISBURSEMENTS:			
6200 CONFERENCES			
6204 APCO Conference	2,507	3,840	(1,333)
6212 NASNA Conference	2,810	2,810	-
6214 Nena Conference	(3,500)	-	(3,500)
6225 VIPER CUTOver	-	-	-
6200 CONFERENCES - Other	-	127,909	(127,909)
Total 6200 CONFERENCES	1,817	134,559	(132,742)
6400 RECURRING EXPENSES			
6401 ADMINISTRATION			
6401.01 Exec Dir. Services	170,819	341,250	(170,431)
6401.02 ElectronSignatur	-	189	(189)
6401.05 Audit Expense	10,000	11,500	(1,500)
6401.06 Bank Charge	-	108	(108)
6401.08 Board Member Travel	10,562	28,988	(18,426)
6401.09 DB&F Assessments			
6401.0101 DB&F Admin. Assess	35,826	238,000	(202,174)
6401.0102 DB&F Rev Assessment	189,184	454,444	(265,260)
6401.0104 FY2013 Assess	24,914	-	24,914
Total 6401.09 DB&F Assessments	249,924	692,444	(442,520)
6401.11 Miscellaneous Expense	5	500	(495)
6401.12 NASNA Dues	-	215	(215)
6401.13 Parking Permits	-	210	(210)
6401.15 WSP Cost Recovery			
6401.0101 Sprint/Nextel	(2,033)	-	(2,033)
6401.15 WSP Cost Recovery - Othe	-	140,000	(140,000)
Total 6401.15 WSP Cost Recovery	(2,033)	140,000	(142,033)
6401.17 ADA Compliance	-	500	(500)
6401.18 AG Legal Fees	-	25,000	(25,000)
Total 6401 ADMINISTRATION	439,277	1,240,904	(801,627)
Total 6400 RECURRING EXPENSES	439,277	1,240,904	(801,627)
Total DISBURSEMENTS	441,093	1,375,463	(934,370)

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations**

9-1-1 Call Volume – December 2013

(Source: Intrado Viper effective October 23, 2013, 6:23 a.m. HST)

PSAP	Total	Wireline	%	Wireless	%
OAHU CIVILIAN (*)	82,135	23,216	28.6%	57,958	71.4%

(*) Totals are based on calls to Primary PSAP.

9-1-1 Call Volume – Calendar Year 2013

Source: **Plant/CML Call Volumes Provided by Hawaiian Telcom, Inc. through October 22, 2013, 10:00 p.m. HST**

Source: **Intrado Viper effective October 23, 2013, 6:23 a.m. HST**

Note: **There were no call volume statistics between October 22, 2013, 10:00 p.m. HST and October 23, 2013, 6:23 a.m. HST while the PSAPs were on the 9-1-1 back-up system and during the Intrado Viper conversion.**

OAHU CIVILIAN		TOTAL PSAP 9-1-1 CALL VOLUME							
		Wireline		Wireless		Admin/911*		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
December	82,135	23,216	28.6%	57,958	71.4%	961	1.2%	12,186	14.8%
November	77,784	22,666	29.4%	54,429	70.6%	689	0.9%	11,113	14.3%
October (3)	24,340	6,946	28.8%	17,171	71.2%	223	0.9%	3,993	16.4%
October (2)	57,129	16,887	29.6%	40,240	70.4%	2	0.0%	4,076	7.1%
September	81,643	23,547	28.8%	58,086	71.2%	10	0.0%	5,996	7.3%
August	84,313	24,525	29.1%	59,778	70.9%	10	0.0%	5,978	7.1%
July	82,126	24,169	29.4%	57,953	70.6%	4	0.0%	6,109	7.4%
June (1)	78,280	22,713	29.0%	55,559	71.0%	8	0.0%	5,877	7.5%
May	88,083	24,533	27.9%	63,544	72.1%	6	0.0%	6,362	7.2%
April	82,580	23,276	28.2%	59,300	71.8%	4	0.0%	6,531	7.9%
March	83,530	24,031	28.8%	59,488	71.2%	11	0.0%	6,663	8.0%
February	77,226	21,968	28.4%	55,255	71.6%	3	0.0%	5,998	7.8%
January	82,205	24,638	30.0%	57,557	70.0%	10	0.0%	6,603	8.0%
TOTAL YTD	**981,374**	**283,115**	**28.9%**	**696,318**	**71.1%**	**1,941**	0.2%	**87,485**	**8.9%**
AVG PER MO	**81,781**	**23,593**		**58,027**		**162**		**7,290**	

Note: *Plant/CML Total Calls include Administrative calls that are not direct 9-1-1 calls.*

Note: *Intrado Viper MIS feature reports 9-1-1 calls received on the Administrative lines.*

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations (continued)**

9-1-1 Call Volume – Calendar Year 2013 (continued)

(1) There were no statistics from midnight to 9:30 a.m. HST on June 3, 2013 as reported by Hawaiian Telcom due to corruption in the file.

(2) There are no statistics following the transfer of the 9-1-1 traffic to the Hawaiian Telcom, Inc. 9-1-1 back-up system on October 22, 2013 at approximately 10:00 p.m. (HST).

(3) The Intrado Viper system began collecting call statistics on October 23, 2013 at approximately 6:23 a.m. HST.

OAHU CIVILIAN		TRANSFERRED TO CALL TAKERS (HPDCT)									
		Wireline			Wireless			Admin/911*		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
December	39,566	10,472	26.7%	45.1%	28,739	73.3%	49.6%	355	0.9%	N/A	N/A
November	36,588	9,410	26.0%	41.5%	26,732	74.0%	49.1%	446	1.2%	N/A	N/A
October (6)	11,250	2,913	26.5%	41.9%	8,091	73.5%	47.1%	246	2.2%	N/A	N/A
October (5)	28,544	7,474	26.3%	44.3%	20,957	73.7%	52.1%	113	0.4%	703	2.5%
September	40,597	10,701	26.4%	45.4%	29,824	73.6%	51.3%	72	0.2%	1,355	3.3%
August (4)	37,794	9,974	26.5%	40.7%	27,687	73.5%	46.3%	133	0.4%	1,207	3.2%
July (4)	8,797	2,343	26.8%	9.7%	6,415	73.2%	11.1%	39	0.4%	298	3.4%
June (3)	39,073	10,087	25.9%	44.4%	28,857	74.1%	51.9%	129	0.3%	1,038	2.7%
May	45,673	11,234	24.7%	45.8%	34,306	75.3%	54.0%	133	0.3%	1,663	3.6%
April (2)	32,275	8,371	26.0%	36.0%	23,825	74.0%	40.2%	79	0.2%	1,173	3.6%
March (1)	30,899	8,101	26.3%	33.7%	22,713	73.7%	38.2%	85	0.3%	1,021	3.3%
February	37,587	9,829	26.2%	44.7%	27,632	73.8%	50.0%	126	0.3%	1,282	3.4%
January	40,357	11,013	27.4%	44.7%	29,171	72.6%	50.7%	173	0.4%	1,001	2.5%
TOTAL YTD	**429,000**	**111,922**	**26.2%**	**39.5%**	**314,949**	**73.8%**	**45.2%**	**2,129**	**0.5%**	**10,741**	**2.5%**
AVG PER MO	**35,750**	**9,327**			**26,246**			**177**		**976**	

Note: *Plant/CML Total Calls include Administrative calls that are not direct 9-1-1 calls.*

Note: *Intrado Viper MIS feature reports 9-1-1 calls received on the Administrative lines.*

Note: *HPDCT does not receive Abandoned call statistics via the Intrado Viper system.*

(1) There were no statistics captured between March 24, 2013 (5:30 a.m. HST) and March 31, 2013 (11:59 p.m. HST) while Dispatch was at the alternate site in Kapolei.

(2) There were no statistics captured between April 1, 2013 (12:00 a.m. HST) and April 7, 2013 (5:30 a.m. HST) while Dispatch was at the alternate site in Kapolei.

(3) There were no statistics from midnight to 9:30 a.m. HST on June 3, 2013 as reported by Hawaiian Telcom due to corruption in the file.

There were no statistics captured on June 11, 2013 from 5:30 a.m. to 9:30 p.m. HST while Dispatch was at the alternate site in Kapolei.

(4) There were no statistics captured between July 7, 2013 (1:30 p.m. HST) and August 3, 2013 (9:30 p.m. HST) while Dispatch was at the alternate site in Kapolei.

(5) There are no statistics following the transfer of the 9-1-1 traffic to the Hawaiian Telcom, Inc. 9-1-1 back-up system on October 22, 2013 at approximately 10:00 p.m. (HST).

(6) The Intrado Viper system began collecting call statistics on October 23, 2013 at approximately 6:23 a.m. HST.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations (continued)**

9-1-1 Call Volume – Calendar Year 2013 (continued)

OAHU CIVILIAN		TRANSFERRED TO URGENT RESPONSE (HPDURS)									
		Wireline			Wireless			Admin/911*		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
December	19,747	5,797	30.3%	25.0%	13,344	69.7%	23.0%	606	3.1%	12,186	61.7%
November	19,419	4,970	27.3%	21.9%	13,250	72.7%	24.3%	1,199	6.2%	11,113	57.2%
October (3)	5,949	1,441	25.6%	20.7%	4,184	74.4%	24.4%	324	5.4%	3,993	67.1%
October (2)	12,354	4,013	32.7%	23.8%	8,253	67.3%	20.5%	88	0.7%	432	3.5%
September	17,772	5,458	30.9%	23.2%	12,193	69.1%	21.0%	121	0.7%	704	4.0%
August	18,628	5,997	32.4%	24.5%	12,526	67.6%	21.0%	105	0.6%	1,096	5.9%
July	20,050	6,824	34.1%	28.2%	13,193	65.9%	22.8%	33	0.2%	4,112	20.5%
June (1)	15,788	5,254	33.5%	23.1%	10,429	66.5%	18.8%	105	0.7%	1,038	6.6%
May	17,891	5,565	31.3%	22.7%	12,209	68.7%	19.2%	117	0.7%	627	3.5%
April	18,191	5,179	28.7%	22.3%	12,897	71.3%	21.7%	115	0.6%	683	3.8%
March	17,427	5,488	31.7%	22.8%	11,823	68.3%	19.9%	116	0.7%	678	3.9%
February	15,225	5,016	33.3%	22.8%	10,066	66.7%	18.2%	143	0.9%	544	3.6%
January	16,177	5,502	34.3%	22.3%	10,520	65.7%	18.3%	155	1.0%	652	4.0%
TOTAL YTD	**214,618**	**66,504**	**31.5%**	**23.5%**	**144,887**	**68.5%**	**20.8%**	**3,227**	**1.5%**	**37,858**	**17.6%**
AVG PER MO	**17,885**	**5,542**			**12,074**			**269**		**3,155**	

Note: *Plant/CML Total Calls include Administrative calls that are not direct 9-1-1 calls.*

Note: *Intrado Viper MIS feature reports 9-1-1 calls received on the Administrative lines.*

(1) There were no statistics from midnight to 9:30 a.m. HST on June 3, 2013 as reported by Hawaiian Telcom due to corruption in the file.

(2) There are no statistics following the transfer of the 9-1-1 traffic to the Hawaiian Telcom, Inc. 9-1-1 back-up system on October 22, 2013 at approximately 10:00 p.m. (HST).

(3) The Intrado Viper system began collecting call statistics on October 23, 2013 at approximately 6:23 a.m. HST.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations (continued)**

9-1-1 Call Volume – Calendar Year 2013 (continued)

OAHU CIVILIAN		TRANSFERRED TO DROP									
		Wireline			Wireless			Admin/911*		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
December	12,186	3,315	27.3%	14.3%	8,849	72.7%	15.3%	22	0.2%	12,186	100.0%
November	11,013	2,912	26.7%	12.8%	7,984	73.3%	14.7%	117	1.1%	11,013	100.0%
October (6)	3,993	968	24.7%	13.9%	2,948	75.3%	17.2%	77	1.9%	3,993	100.0%
October (5)	6,455	2,267	35.1%	13.4%	4,184	64.9%	10.4%	4	0.1%	5,250	81.3%
September	8,286	2,714	32.8%	11.5%	5,568	67.2%	9.6%	4	0.0%	6,997	84.4%
August (4)	7,744	2,521	32.6%	10.3%	5,218	67.4%	8.7%	5	0.1%	6,271	81.0%
July (4)	1,816	596	32.9%	2.5%	1,218	67.1%	2.1%	2	0.1%	1,475	81.2%
June (3)	8,263	2,822	34.2%	12.4%	5,436	65.8%	9.8%	5	0.1%	6,893	83.4%
May	9,085	3,043	33.5%	12.4%	6,041	66.5%	9.5%	1	0.0%	7,617	83.8%
April (2)	7,031	2,173	30.9%	9.3%	4,855	69.1%	8.2%	3	0.0%	5,934	84.4%
March (1)	7,435	2,385	32.1%	9.9%	5,047	67.9%	8.5%	3	0.0%	5,906	79.4%
February	8,364	2,514	30.1%	11.4%	5,839	69.9%	10.6%	11	0.1%	6,488	77.6%
January	8,855	2,791	31.6%	11.3%	6,053	68.4%	10.5%	11	0.1%	7,246	81.8%
TOTAL YTD	**100,526**	**31,021**	**30.9%**	**11.0%**	**69,240**	**69.1%**	**9.9%**	**265**	**0.3%**	**87,269**	**86.8%**
AVG PER MO	**8,377**	**2,585**			**5,770**			**22**		**7,272**	

Note: *Plant/CML Total Calls include Administrative calls that are not direct 9-1-1 calls.*

Note: *Intrado Viper MIS feature reports 9-1-1 calls received on the Administrative lines.*

(1) There were no statistics captured between March 24, 2013 (5:30 a.m. HST) and March 31, 2013 (11:59 p.m. HST) while Dispatch was at the alternate site in Kapolei.

(2) There were no statistics captured between April 1, 2013 (12:00 a.m. HST) and April 7, 2013 (5:30 a.m. HST) while Dispatch was at the alternate site in Kapolei.

(3) There were no statistics from midnight to 9:30 a.m. HST on June 3, 2013 as reported by Hawaiian Telcom due to corruption in the file.

There were no statistics captured on June 11, 2013 from 5:30 a.m. to 9:30 p.m. HST while Dispatch was at the alternate site in Kapolei.

(4) There were no statistics captured between July 7, 2013 (1:30 p.m. HST) and August 3, 2013 (9:30 p.m. HST) while Dispatch was at the alternate site in Kapolei.

(5) There are no statistics following the transfer of the 9-1-1 traffic to the Hawaiian Telcom, Inc. 9-1-1 back-up system on October 22, 2013 at approximately 10:00 p.m. (HST).

(6) The Intrado Viper system began collecting call statistics on October 23, 2013 at approximately 6:23 a.m. HST.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations (continued)**

9-1-1 Call Volume – Calendar Year 2013 (continued)

OAHU CIVILIAN		TRANSFERRED TO FIRE (HFD)									
		Wireline			Wireless			Admin/911*		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
December	1,871	724	40.4%	3.1%	1,066	59.6%	1.8%	81	4.3%	66	3.5%
November	2,096	661	33.7%	2.9%	1,299	66.3%	2.4%	136	6.5%	51	2.4%
October (3)	779	239	33.0%	3.4%	485	67.0%	2.8%	55	7.1%	30	3.9%
October (2)	1,473	526	37.0%	3.1%	896	63.0%	2.2%	51	3.5%	35	2.4%
September	2,758	831	31.3%	3.5%	1,824	68.7%	3.1%	103	3.7%	91	3.3%
August	3,344	1,071	34.1%	4.4%	2,068	65.9%	3.5%	205	6.1%	287	8.6%
July	5,105	1,919	40.8%	7.9%	2,779	59.2%	4.8%	407	8.0%	1,201	23.5%
June (1)	4,467	1,655	39.6%	7.3%	2,523	60.4%	4.5%	289	6.5%	1,088	24.4%
May	4,790	1,828	41.4%	7.5%	2,592	58.6%	4.1%	370	7.7%	1,124	23.5%
April	4,539	1,853	43.5%	8.0%	2,403	56.5%	4.1%	283	6.2%	1,301	28.7%
March	5,025	2,008	42.8%	8.4%	2,679	57.2%	4.5%	338	6.7%	1,345	26.8%
February	4,752	1,910	44.4%	8.7%	2,392	55.6%	4.3%	450	9.5%	1,298	27.3%
January	5,749	2,390	45.2%	9.7%	2,893	54.8%	5.0%	466	8.1%	1,499	26.1%
TOTAL YTD	**46,748**	**17,615**	**40.5%**	**6.2%**	**25,899**	**59.5%**	**3.7%**	**3,234**	**6.9%**	**9,416**	**20.1%**
AVG PER MO	**3,896**	**1,468**			**2,158**			**270**		**785**	

Note: *Plant/CML Total Calls include Administrative calls that are not direct 9-1-1 calls.*

Note: *Intrado Viper MIS feature reports 9-1-1 calls received on the Administrative lines.*

(1) There were no statistics from midnight to 9:30 a.m. HST on June 3, 2013 as reported by Hawaiian Telcom due to corruption in the file.

(2) There are no statistics following the transfer of the 9-1-1 traffic to the Hawaiian Telcom, Inc. 9-1-1 back-up system on October 22, 2013 at approximately 10:00 p.m. (HST).

(3) The Intrado Viper system began collecting call statistics on October 23, 2013 at approximately 6:23 a.m. HST.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations (continued)**

9-1-1 Call Volume – Calendar Year 2013 (continued)

OAHU CIVILIAN		TRANSFERRED TO EMS									
		Wireline			Wireless			Admin/911*		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
December	7,402	2,499	36.2%	10.8%	4,396	63.8%	7.6%	506	6.8%	144	1.9%
November	6,896	2,735	40.4%	12.1%	4,033	59.6%	7.4%	128	1.9%	91	1.3%
October (2)	2,021	780	39.8%	11.2%	1,179	60.2%	6.9%	62	3.1%	36	1.8%
October	5,029	1,939	39.2%	11.5%	3,008	60.8%	7.5%	82	1.6%	70	1.4%
September	7,251	2,835	39.8%	12.0%	4,287	60.2%	7.4%	129	1.8%	138	1.9%
August	7,309	2,857	40.3%	11.6%	4,238	59.7%	7.1%	214	2.9%	123	1.7%
July	6,854	2,788	41.8%	11.5%	3,887	58.2%	6.7%	179	2.6%	110	1.6%
June (1)	6,651	2,665	41.2%	11.7%	3,806	58.8%	6.9%	180	2.7%	92	1.4%
May	7,550	2,960	40.2%	12.1%	4,401	59.8%	6.9%	189	2.5%	154	2.0%
April	7,288	2,939	41.3%	12.6%	4,169	58.7%	7.0%	180	2.5%	114	1.6%
March	7,670	3,124	41.8%	13.0%	4,348	58.2%	7.3%	198	2.6%	119	1.6%
February	6,965	2,909	42.8%	13.2%	3,890	57.2%	7.0%	166	2.4%	119	1.7%
January	8,006	3,217	41.6%	13.1%	4,512	58.4%	7.8%	277	3.5%	183	2.3%
TOTAL YTD	**86,892**	**34,247**	**40.6%**	**12.1%**	**50,154**	**59.4%**	**87.1%**	**2,490**	**2.9%**	**1,493**	**1.7%**
AVG PER MO	**7,241**	**2,854**			**4,180**			**208**		**124**	

Note: *Plant/CML Total Calls include Administrative calls that are not direct 9-1-1 calls.*

Note: *Intrado Viper MIS feature reports 9-1-1 calls received on the Administrative lines.*

(1) There were no statistics from midnight to 9:30 a.m. HST on June 3, 2013 as reported by Hawaiian Telcom due to corruption in the file.

(2) There are no statistics following the transfer of the 9-1-1 traffic to the Hawaiian Telcom, Inc. 9-1-1 back-up system on October 22, 2013 at approximately 10:00 p.m. (HST).

(3) The Intrado Viper system began collecting call statistics on October 23, 2013 at approximately 6:23 a.m. HST.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations (continued)**

9-1-1 Call Volume – Calendar Year 2013 (continued)

OAHU CIVILIAN		MISCELLANEOUS CALLS (Total includes, but not limited to, calls transferred to Poison Control, Crisis Center, RDC, or Neighbor Islands, and non-transferred calls such as wrong number or test calls)					
2013	TOTAL YTD	January	February	March	April	May	June
	102,073	3,061	4,333	15,074	13,256	3,094	4,038
	AVG PER MO	July	August	September	October	November	December
	10,207	39,504	9,494	4,979	3,622	1,216	402

Note: Miscellaneous Call Volumes may be higher since no call volume statistics were captured for HPDCT and Drop queues from March 24 – 31, 2013 while Dispatch was at the alternate site in Kapolei. The other call queues are complete since Kapolei has the ability to transfer calls via CML to these queues.

Note: Miscellaneous Call Volumes may be higher since no call volume statistics were captured for HPDCT and Drop queues from April 1 - 7, 2013 while Dispatch was at the alternate site in Kapolei. The other call queues are complete since Kapolei has the ability to transfer calls via CML to these queues.

Note: Miscellaneous Call Volumes may be higher since no call volume statistics were captured on June 3, 2013 from midnight to 9:30 a.m. HST as reported by Hawaiian Telcom due to corruption in the file.

Note: Miscellaneous Call Volumes may be higher since no call volume statistics were captured for HPDCT and Drop queues on June 11, 2013 while Dispatch was at the alternate site in Kapolei. The other call queues are complete since Kapolei has the ability to transfer calls via CML to these queues.

Note: Miscellaneous Call Volumes may be higher since no call volume statistics were captured for HPDCT and Drop queues from July 7, 2013 through August 3, 2013 while Dispatch was at the alternate site in Kapolei. The other call queues are complete since Kapolei has the ability to transfer calls via CML to these queues.

Note: There are no statistics following the transfer of the 9-1-1 traffic to the Hawaiian Telcom, Inc. 9-1-1 back-up system on October 22, 2013 at approximately 10:00 p.m. (HST).

Note: The Intrado Viper system began collecting call statistics on October 23, 2013 at approximately 6:23 a.m. HST.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations (continued)**

Intrado Viper 9-1-1 Call Volume Statistics

The Oahu PSAPs received training on the Intrado Viper Management Information System (MIS) in November 2013 and are able to access and retrieve Call Volume Statistics at the PSAP level. During the month of December 2013, all PSAPs in the State of Hawai'i will collaborate and agree upon a standardized method to report PSAP Call Volume beginning in 2014.

911 CALL VOLUME COMPARISON 2012 - 2013

OAHU CIVILIAN		TOTAL PSAP 9-1-1 CALL VOLUME							
		Wireline		Wireless		Admin/911*		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	981,374	283,115	28.9%	696,318	71.1%	1,941	0.2%	87,485	8.9%
AVG PER MO	81,781	23,593		58,027		162		7,290	

OAHU CIVILIAN		TOTAL PSAP 9-1-1 CALL VOLUME							
		Wireline		Wireless		Admin		Abandoned	
2012	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	995,528	292,647	29.4%	702,724	70.6%	157	0.0%	87,707	8.8%
AVG PER MO	82,961	24,387		58,560		13		7,309	

Call Center E9-1-1 Call Volume statistics for 2013 are **981,374** total calls; 283,115 (28.9%) Wireline and 696,318 (71.1%) Wireless. Total PSAP 9-1-1 Call Volumes decreased by **14,154** in 2013 from 2012 – with Wireline calls further declining by .5% and Wireless calls increasing by .5%.

OAHU CIVILIAN		TRANSFERRED TO CALL TAKERS (HPDCT)									
		Wireline			Wireless			Admin/911*		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	429,000	111,922	26.2%	39.5%	314,949	73.8%	45.2%	2,129	0.5%	10,741	2.5%
AVG PER MO	35,750	9,327			26,246			177		976	

OAHU CIVILIAN		TRANSFERRED TO CALL TAKERS (HPDCT)									
		Wireline			Wireless			Admin		Abandoned	
2012	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	412,238	115,262	28.0%	39.4%	295,776	72.0%	42.1%	1,200	0.3%	10,478	2.5%
AVG PER MO	34,353	9,605			24,648			100		873	

Call Volume statistics transferred to Call takers (HPDCT) for 2013 are **429,000** total calls; 111,922 (26.2%) Wireline and 314,949 (73.8%) Wireless. Total PSAP 9-1-1 Call Volumes increased by **16,762** in 2013 from 2012 – with Wireline calls further declining by 1.8% and Wireless calls increasing by 1.8%.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN		TRANSFERRED TO URGENT RESPONSE (HPDURS)									
		Wireline			Wireless			Admin/911*		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	214,618	66,504	31.5%	23.5%	144,887	68.5%	20.8%	3,227	1.5%	37,858	17.6%
AVG PER MO	17,885	5,542			12,074			269		3,155	

OAHU CIVILIAN		TRANSFERRED TO URGENT RESPONSE (HPDURS)									
		Wireline			Wireless			Admin		Abandoned	
2012	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	183,661	64,734	35.5%	22.1%	117,833	64.5%	16.8%	1,094	0.6%	9,525	5.2%
AVG PER MO	15,305	5,395			9,819			91		794	

Call Volume statistics transferred to Urgent Response (HPDURS) for 2013 are **214,618** total calls; 66,504 (31.5%) Wireline and 144,887 (68.5%) Wireless. Total PSAP 9-1-1 Call Volumes increased by **30,957** in 2013 from 2012 – with Wireline calls further declining by 4% and Wireless calls increasing by 4%.

OAHU CIVILIAN		TRANSFERRED TO DROP									
		Wireline			Wireless			Admin/911*		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	100,526	31,021	30.9%	11.0%	69,240	69.1%	9.9%	265	0.3%	87,269	86.8%
AVG PER MO	8,377	2,585			5,770			22		7,272	

OAHU CIVILIAN		TRANSFERRED TO DROP									
		Wireline			Wireless			Admin		Abandoned	
2012	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	102,457	30,972	30.2%	10.6%	71,437	69.8%	10.2%	48	0.0%	79,316	77.4%
AVG PER MO	8,538	2,581			5,953			4		6,610	

Call Volume statistics transferred to Drop for 2013 are **100,526** total calls; 31,021 (30.9%) Wireline and 69,240 (69.1%) Wireless. Total PSAP 9-1-1 Call Volumes decreased by **1,931** in 2013 from 2012 – with Wireline calls increasing by .7% and Wireless calls decreasing by .7%.

OAHU CIVILIAN		TRANSFERRED TO FIRE (HFD)									
		Wireline			Wireless			Admin/911*		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	46,748	17,615	40.5%	6.2%	25,899	59.5%	3.7%	3,234	6.9%	9,416	20.1%
AVG PER MO	3,896	1,468			2,158			270		785	

OAHU CIVILIAN		TRANSFERRED TO FIRE (HFD)									
		Wireline			Wireless			Admin		Abandoned	
2012	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	62,851	24,767	42.3%	8.5%	33,729	57.7%	4.8%	4,355	6.9%	16,829	26.8%
AVG PER MO	5,238	2,064			2,811			363		1,402	

Call Volume statistics transferred to FIRE (HFD) for 2013 are **46,748** total calls; 17,615 (40.5%) Wireline and 25,899 (59.5%) Wireless. Total PSAP 9-1-1 Call Volumes decreased by **16,103** in 2013 from 2012 – with Wireline calls further declining by 1.8% and Wireless calls increasing by 1.8%.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN		TRANSFERRED TO EMS									
		Wireline			Wireless			Admin/911*		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	86,892	34,247	40.6%	12.1%	50,154	59.4%	87.1%	2,490	2.9%	1,493	1.7%
AVG PER MO	7,241	2,854			4,180			208		124	

OAHU CIVILIAN		TRANSFERRED TO EMS									
		Wireline			Wireless			Admin		Abandoned	
2012	Total	# of Calls	% to Total Wireline & Wireless	% of Total Wireline	# of Calls	% to Total Wireline & Wireless	% of Total Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	84,411	34,448	41.9%	11.8%	47,670	58.1%	81.6%	2,293	2.7%	1,520	1.8%
AVG PER MO	7,034	2,871			3,973			191		127	

Call Volume statistics transferred to EMS for 2013 are **86,892** total calls; 34,247 (40.6%) Wireline and 50,154 (59.4%) Wireless. Total PSAP 9-1-1 Call Volumes increased by **2,481** in 2013 from 2012 – with Wireline calls further declining by 1.3% and Wireless calls increasing by 1.3%.

OAHU CIVILIAN		MISCELLANEOUS CALLS (Total includes, but not limited to, calls transferred to Poison Control, Crisis Center, RDC, or Neighbor Islands, and non-transferred calls such as wrong number or test calls)					
2013	TOTAL YTD	January	February	March	April	May	June
	102,073	3,061	4,333	15,074	13,256	3,094	4,038
	AVG PER MO	July	August	September	October	November	December
	10,207	39,504	9,494	4,979	3,622	1,216	402

OAHU CIVILIAN		MISCELLANEOUS CALLS (Total includes, but not limited to, calls transferred to Poison Control, Crisis Center, RDC, or Neighbor Islands, and non-transferred calls such as wrong number or test calls)					
2012	TOTAL YTD	January	February (1)	March (2)	April	May	June
	149,910	6,099	10,546	9,830	6,711	5,821	5,866
	AVG PER MO	July	August	Sept (3)	October	Nov (4)	Dec (5)
	12,493	6,782	5,239	13,401	7,657	22,148	49,810

Call Volume statistics for Miscellaneous Calls 2013 are **102,073**. Total Call Volumes decreased by **47,837** in 2013 from 2012.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

Wireless Test – December 2013

Date	WSP	Sites Tested	Sectors Tested	Tested By:	Test Pass/Fail
12/16/13	AT&T Mobility	3	7	Oahu PSAP	Pass
12/17/13	AT&T Mobility	5	13	Oahu PSAP	Pass
12/19/13	Sprint	1	3	Oahu PSAP/Akimeka	Pass
12/20/13	AT&T Mobility	3	31	Oahu PSAP	Pass

Current Month PSAP Operations Activities – December 2013

12/15/2013 A Holiday "No Cell Tower/Sector Testing" period was scheduled between the PSAP and Wireless Service Providers for 12/15/13 to 01/04/14. Notification was sent on 11/07/2013.

2013 Wireless E9-1-1 Database has added/modified/deleted on **400** towers and **1,170** sectors to the Wireless E9-1-1 database this calendar year. Annual quality assurance audits on **774** towers and **4,611** sectors to the Wireless E9-1-1 database. The MSAG maintenance program provided **5,009** MSAG Database transactions to the Oahu Civilian MSAG Database. A monthly average of **455** transactions.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **MSAG**

Current Month – December 2013

2013		9-1-1NET REQUESTS									In Referred Status as of Report Month End (c)		In Suspended Status as of Report Month End (d)	
		MSAG TRANSACTIONS							ALI TRANSACTIONS					
PSAP	TOTAL	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected	County Address Change Request (TN CR) Processed (a)	ALI Discrepancy (ALI-DR) Processed (b)	TN CR	ALI-DR	# of Transactions	TNs Affected
OAHU CIVILIAN	444	402	322	13	2	8	57	27,621	42	0	1	0	0	0

A total of 444 MSAG transactions were processed during the month of December 2013. Four hundred two (402) 9-1-1Net requests were processed relating to the Oahu County MSAG database, with 27,621 customer ANI/ALI records updated as a direct result. Forty two (42) TN CR transactions were submitted to 9-1-1Net for updates and corrections. Streets and address ranges were validated against the GIS to ensure synchronization and an MSAG valid address was provided to the Telco. TN CRs must be validated against HT records and approved by the end user HawaiianTelcom customer before updating the ALI record.

There is one (1) TN CR in Referred status as of December 31, 2013.

The TN CR in "Referred" status is a record with updated address and are awaiting approval from Hawaiian Telcom, Inc (HTI) and/or customer to update ALI records.

There are no records in Suspended status as of December 31, 2013.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **MSAG (continued)**

Year-to-Date (YTD) Summary – 2013

OAHU CIVILIAN		9-1-1NET REQUESTS									In Referred Status as of Report Month End (c)		In Suspended Status as of Report Month End (d)	
		MSAG TRANSACTIONS							ALI TRANSACTIONS					
2013	TOTAL	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected (*)	County Address Change Request (TN CR) Processed (a)	ALI Discrepancy (ALI-DR) Processed (b)	TN CR	ALI-DR	# of Transactions	TNs Affected
December	444	402	322	13	2	8	57	27,621	42	0	1	0	0	0
November	352	350	280	1	0	2	67	59,589	0	2	1	0	0	0
October	625	614	579	11	3	2	19	27,719	10	1	1	0	0	0
September	355	349	334	0	1	2	12	10,720	3	3	4	1	0	0
August	431	429	422	0	0	5	2	19,758	1	1	4	1	0	0
July	324	296	277	5	6	3	5	4,306	27	1	4	1	0	0
June	664	295	284	2	7	2	0	11,378	366	3	11	0	0	0
May	497	335	292	4	4	8	27	4,253	162	0	361	0	0	0
April	489	390	288	6	82	3	11	4,115	99	0	1	0	0	0
March	424	326	277	7	11	9	22	4,917	98	0	60	0	0	0
February	234	209	160	5	24	8	12	6,471	25	0	9	0	0	0
January	170	140	95	14	14	6	11	9,173	29	1	0	0	0	0
TOTAL YTD	**5,009**	**4,135**	**3,610**	**68**	**154**	**58**	**245**	**190,020**	**862**	**12**				
AVG PER MO	**455**	**376**	**328**	**6**	**14**	**5**	**22**	**17,275**	**78**	**1**				

Note: *Revised categories and report format changes effective May 2012 with new Intrado TN CR functionality.*

Definitions:	(a)	Represents address corrections on a specific TN or group of TNs. These "invalid" TNs usually have an associated ESN x99 attached to them which indicates the need for validation.
	(b)	Represents an address discrepancy discovered during a live 9-1-1 call. These record corrections are treated with a higher priority and should be processed within 48 hours as a general guideline.
	(c)	Represents correction requests that have been referred by Intrado to the appropriate service provider and is awaiting approval to be updated in 9-1-1Net.
	(d)	Represents correction requests that have been "paused" due to TN fallouts, range overlaps, or not having a valid address point. Intrado requires additional information from Akimeka/PSAP before the Telco approves the change.

The MSAG maintenance program provided 5,009 MSAG Database transactions to the Oahu MSAG Database in 2013. A monthly average of 455 transactions.

- **MSAG (continued)**

MSAG Communities Project

MSAG Community and Street Segment Sweep – Phase II Status

Based on a verbal agreement between the Honolulu Police Department, as the Primary Civilian PSAP, and Akimeka, it was agreed that the Military MSAG should be updated to reflect the standardized and approved MSAG Community Names approved jointly by the Military and Oahu Civilian PSAPs to ensure interoperability. It was also agreed that this work effort will be completed by Akimeka on an **"as we can get to it"** basis.

Below is the latest status of the Phase II work effort as of **December 31, 2013**:

OMIL Existing Community Name	New Approved Community Name	MSAG Transactions Required	Status	Notes/Comments
Bellows Airforce Station	BELLOWS	65	COMPLETED -- 03/31/13	
Kaneohe MCAS	MCBH	356	COMPLETED -- 06/19/13	
Helemano Military Res	HELEMANO	33	COMPLETED -- 06/24/13	
Naval Comm Sat Wahiawa	NCTAMS PAC	3	COMPLETED -- 07/01/13	
NCTAMS	NCTAMS PAC	12	COMPLETED -- 07/09/13	
Naval Comm Stat Wahiawa	NCTAMS PAC	38	COMPLETED -- 07/16/13	
Camp Stover	SCHOFIELD	9	COMPLETED -- 07/16/13	
East Range	SCHOFIELD	3	COMPLETED -- 07/16/13	
Schofield Barracks	SCHOFIELD	2	COMPLETED -- 07/16/13	
Hicham AFB	HICKAM	2	COMPLETED -- 07/17/13	
Manana Naval Quarters	MANANA	37	COMPLETED -- 07/17/13	
TAMC	TRIPLER	9	COMPLETED -- 07/19/13	
Fort Kam	HICKAM	27	COMPLETED -- 07/31/13	
Fort Derussy	FT DERUSSY	6	COMPLETED -- 07/31/13	
Hospital Point	PEARL HBR	2	COMPLETED -- 08/12/13	
Naval Magazine Lualualei	PEARL HBR	2	COMPLETED -- 08/12/13	
Hale Alii	PEARL HBR	3	COMPLETED -- 08/12/13	

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **MSAG (continued)**

MSAG Communities Project (continued)

MSAG Community and Street Segment Sweep – Phase II Status (continued)

OMIL Existing Community Name	New Approved Community Name	MSAG Transactions Required	Status	Notes/Comments
Pearl Harbor	PEARL HBR	86	**COMPLETED -- 08/12/13**	Nine (9) records did not receive the new community name. Eight (8) records were due to overlapping with existing records (0 TNs) and one (1) record Akimeka does not have the authorization to change.
Ford Island	FORD ISL	147	**COMPLETED -- 09/03/13**	
Regional Dispatch Center	PEARL HBR	3	**COMPLETED -- 10/03/13**	
Schofield Bks	SCHOFIELD	661	**IN PROGRESS**	During the month of December, eighty nine (89) records were processed. 596 of the 661 records (89%)have been updated in 9-1-1Net.

Schofield Bks is still in progress.

A total of 1063 MSAG transactions have been completed thus far – **43% Complete**. An estimated 1,404 MSAG transactions remain to be submitted and processed.

Status of the Phase II effort will continue to be tracked until all 9-1-1Net MSAG transactions required have been completed.

MSAG Community and Street Segment Sweep – Phase V

A meeting was held with the Oahu Civilian PSAPs and Akimeka on August 7, 2013, to review the Phase V project scope, schedule and timeline. Approval was received to proceed with Phase V and Phase VI after the completion of Phase V.

Below is the latest status of the Phase V work effort as of **December 31, 2013**:

MSAG COMMUNITY (In Order of Effort)	MSAG COMMUNITY AND STREET SEGMENT SWEEP -- PHASE V					GIS UPDATES	
	TARGET START DATE	TARGET COMPLETION DATE	AKIMEKA COMPLETION DATE	ACTUAL COMPLETION DATE	NOTES/COMMENTS	DATE GIS DELIVERED TO HPD	DATE GIS LOADED TO CAD BY HPD
Pearl HBR	08/01/13	08/14/13	**08/12/13**	**09/03/13**	Data was not loaded due to discrepancies with the Common Places	08/23/13	
Ford ISL	08/15/13	09/03/13	**08/19/13**	**09/03/13**		08/23/13	
Makalapa	09/04/13	09/06/13	**09/06/13**	**09/06/13**		09/06/13	**09/11/13**
Aliamanu	09/09/13	09/13/13	**09/18/13**	**09/19/13**		09/20/13	**09/23/13**
Salt Lake	09/16/13	09/23/13	**09/23/13**	**09/23/13**		09/20/13	**09/23/13**
Kalihi	09/24/13	10/21/13	**11/08/13**	**12/02/13**		10/18/13	**10/29/13**

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **MSAG (continued)**

MSAG Communities Project (continued)

MSAG Community and Street Segment Sweep – Phase V (continued)

MSAG COMMUNITY (In Order of Effort)	MSAG COMMUNITY AND STREET SEGMENT SWEEP -- PHASE V					GIS UPDATES	
	TARGET START DATE	TARGET COMPLETION DATE	AKIMEKA COMPLETION DATE	ACTUAL COMPLETION DATE	NOTES/COMMENTS	DATE GIS DELIVERED TO HPD	DATE GIS LOADED TO CAD BY HPD
Nuuanu	10/22/13	11/06/13	11/12/13	11/12/13	In 11/1/13 data, a discrepancy was identified with Beat recommendations within the CAD, therefore a new set of data was sent on 11/7/13 to resolve this	11/1/2013, 11/7/13	**11/12/13**
Downtown	11/07/13	11/18/13	11/21/13	11/21/13		11/15/13	**11/25/13**
Kakaako	11/19/13	11/26/13	11/27/13	11/27/13		11/29/13	**12/06/13**
Ala Moana	11/27/13	12/04/13	12/04/13	12/11/13			
Honolulu	12/05/13	12/16/13	12/13/13	12/20/13		12/13/13	**12/19/13**
Punchbowl	12/17/13	12/26/13	12/20/13	12/27/13		12/27/13	
Makiki	12/27/14	01/07/14	**IN PROGRESS**				
Manoa	01/08/14	01/23/14					
McCully	01/24/14	02/04/14					
Ft DeRussy	02/05/14	02/06/14					
Waikiki	02/07/14	02/20/14					
Kaimuki	02/21/14	03/10/14					
Kapahulu	03/11/14	03/18/14					
Kahala	03/19/14	03/27/14					
Waialae	03/28/14	04/08/14					
Aina Haina	04/09/14	04/18/14					
Hawaii Kai	04/21/14	05/09/14					

In the month of December 2013, Ala Moana, Honolulu, and Punchbowl MSAG Communities were completed. Phase V is tracking according to the planned schedule with no major issues to date.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

MSAG Community and Street Segment Sweep Summary for 2013

The 2013 year summary of the MSAG Community and Street Segment Sweep project, includes work activity from Phase III, IV, and V. The completion of each MSAG Community were officially marked as complete once the entire processing took place within 911 Net by Intrado; to ensure a complete and accurate synchronization within the MSAG and GIS. GIS data deliverables were scheduled and delivered on a routine bi-monthly basis to ensure the synchronization effort was available to the PSAPs during the completion of the various MSAG Communities in the MSAG Community and Street Segment Sweep project.

MSAG COMMUNITY (In Order of Effort)	MSAG COMMUNITY AND STREET SEGMENT SWEEP -- 2013					GIS UPDATES	
	TARGET START DATE	TARGET COMPLETION DATE	AKIMEKA COMPLETION DATE	ACTUAL COMPLETION DATE OF 911 NET PROCESSING BY INTRADO	NOTES/COMMENTS	DATE GIS DELIVERED TO HPD	DATE GIS LOADED TO CAD BY HPD
Ewa Beach	12/10/12	01/14/13	04/22/13	05/01/13	PHASE III	12/14/12	Not loaded by AVS
						12/28/12	Not loaded by AVS
PC PEN (Pearl City Peninsula	01/14/13	01/28/13	03/27/13	03/27/13	PHASE III	02/08/13	Not loaded by AVS
Aiea	01/17/13	02/15/13	04/24/13	05/01/13	PHASE III	02/08/13; 02/22/13	02/28/13
Punaluu	03/01/13	03/05/13	03/05/13	03/05/13	PHASE IV	03/08/13	03/14/13
Kahuku	03/06/13	03/15/13	03/15/13	03/15/13	PHASE IV	03/08/13	03/14/13
Kahuku RNG	03/16/13	03/20/13	03/20/13	03/20/13	PHASE IV	03/22/13	03/28/13
Makaha	03/21/13	04/03/13	05/15/13	06/12/13	PHASE IV	03/22/13	03/28/13
Maili	04/04/13	04/18/13	05/23/13	05/31/13	PHASE IV	04/05/13	04/10/13
Sunset	04/19/13	04/30/13	04/24/13	05/01/13	PHASE IV	04/19/13	04/23/13
Hauula	04/19/13	04/30/13	04/17/13	05/01/13	PHASE IV	05/03/13	05/07/13
Mokuleia	04/19/13	04/30/13	05/24/13	05/31/13	PHASE IV	05/03/13	05/07/13
Waianae	05/01/13	05/16/13	05/24/13	06/25/13	PHASE IV	05/17/13	05/23/13
Nanakuli	05/17/13	05/30/13	05/22/13	05/31/13	PHASE IV	05/31/13	06/04/13
Laie	05/31/13	06/07/13	05/16/13	05/31/13	PHASE IV	05/31/13	06/04/13
Makua	06/10/13	06/19/13	05/21/13	05/21/13	PHASE IV	05/31/13	06/04/13
Lualualei	06/20/13	07/03/13	06/12/13	06/12/13	PHASE IV	06/14/13	06/19/13
Makakilo	07/05/13	07/18/13	06/24/13	06/27/13	PHASE IV	06/28/13	07/02/13
Waipio	07/05/13	07/18/13	07/11/13	07/31/13	PHASE IV	07/12/13	07/17/13
Kahaluu	07/05/13	07/18/13	07/11/13	07/31/13	PHASE IV	07/12/13	07/17/13
Pearl HBR	08/01/13	08/14/13	08/12/13	09/03/13	PHASE V	08/23/13	Discrepancy identified, held on upload for next data deliverable
Ford ISL	08/15/13	09/03/13	08/19/13	09/03/13	PHASE V	08/23/13	
Makalapa	09/04/13	09/06/13	09/06/13	09/06/13	PHASE V	09/06/13	09/11/13
Aliamanu	09/09/13	09/13/13	09/18/13	09/19/13	PHASE V	09/20/13	09/23/13
Salt Lake	09/16/13	09/23/13	09/23/13	09/23/13	PHASE V	09/20/13	09/23/13
Kalihi	09/24/13	10/21/13	11/08/13	12/02/13	PHASE V	10/18/13	10/29/13
Nuuanu	10/22/13	11/06/13	11/12/13	11/12/13	PHASE V	11/1/2013, 11/7/13	11/12/13
Downtown	11/07/13	11/18/13	11/21/13	11/21/13	PHASE V	11/15/13	11/25/13
Kakaako	11/19/13	11/26/13	11/27/13	11/27/13	PHASE V	11/29/13	12/06/13
Ala Moana	11/27/13	12/04/13	12/04/13	12/11/13	PHASE V		
Honolulu	12/05/13	12/16/13	12/13/13	12/20/13	PHASE V	12/13/13	12/19/13
Punchbowl	12/17/13	12/26/13	12/20/13	12/27/13	PHASE V	12/27/13	
Makiki	12/27/14	01/07/14	IN PROGRESS		PHASE V		

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Geographic Information System (GIS)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Address Points	12/31/2013		Added seventy-five (75) new address points in PC Pen.
			Added eleven (11) new address points in Waimanalo.
	12/30/2013		Spatially corrected 263 address points and added one (1) alias address in Kaneohe.
			Spatially corrected twenty-seven (27) address points in Kailua. Identified one (1) alias and identified addresses that require site visits.
			Spatially corrected one (1) address point in Waimanalo.
	12/27/2013		Spatially corrected four (4) address points in Waimanalo.
			Deleted record ID 64012 41-1537 Kalanianaole Hwy in Waimanalo; duplicate address.
	12/26/2013		Spatially corrected four (4) address points and corrected one (1) TMK in Waimanalo.
			Deleted record ID 304380 41-518 Kumuniu Pl, record ID 304349 41-523 Kumuniu Pl, and record ID 304364 41-526 Kumuniu Pl in Waimanalo; incorrect house numbers. Created three (3) new address points with correct house numbers.
	12/24/2013		Added seventy-eight (78) new address points in PC Pen.
			Spatially corrected one (1) address point in Waimanalo. Added one (1) new address point in Waimanalo.
	12/23/2013		Spatially corrected 275 address points in Kaneohe. Added one (1) apartment letter, added one (1) alias address, identified addresses that require site visits.
			Spatially corrected thirty-six (36) address points in Kailua. Added two (2) alias addresses, identified five (5) aliases, and identified addresses that require site visits.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Geographic Information System (GIS)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Address Points (continued)	12/20/2013		Spatially corrected (1) address point in Waimanalo and added one (1) routing ID.
			Deleted record ID 86634 41-253 Lupe St in Waimanalo; incorrect addressing.
			Deleted record ID 25919 510 Kokea St in Kalihi; located in the middle of Kapalama Canal.
	12/19/2013		Deleted thirty-nine (39) address points in Waimanalo; incorrect addressing.
			Deleted record ID 64018 41-1050 Kalanianaole Hwy in Waimanalo; incorrect house number. Created one (1) new address point with correct house number.
			Added one (1) new address point in Waimanalo.
	12/18/2013		Updated site visit spreadsheet for address points that need to be verified by GPS.
	12/17/2013		Added 202 new address points in PC Pen.
	12/16/2013		Spatially corrected 260 address points in Kaneohe. Added (3) alias addresses, corrected (1) TMK, and identified addresses that require site visits.
			Deleted record ID 73112 45-232 Kokokahi Pl and 184599 45-205 Kokokahi Pl in Kaneohe; duplicate addresses.
	12/13/2013		Added one (1) new address point and added three (3) alias addresses in Waimanalo.
			Corrected address from 410852 Ala Koa to 410853 Ala Koa in Waimanalo.
	12/11/2013		Received new development Kapolei Lofts. Georeferenced building plan and added sixteen (16) new address points in Kapolei.
			Added 100 new address points in PC PEN.

• Geographic Information System (GIS) (continued)

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Address Points (continued)	12/10/2013		Spatially corrected 218 address points in Kaneohe. Identified one (1) alias and identified addresses that require site visits.
			Spatially corrected five (5) address points in Kailua.
	12/9/2013		Spatially corrected 240 address points in Kaneohe. Added three (3) alias addresses and identified addresses that require site visits.
			Deleted record ID 78609 45-206 Keana Rd in Kaneohe; duplicate address.
	12/5/2013		Populated addresses to ninety-six (96) address points in Halawa.
			Spatially corrected thirty-four (34) address points in Kailua. Added three (3) alias addresses and identified addresses that require site visits.
			Deleted record ID 71116 30 Kihapai St and record ID 70277 105 Oneawa St in Kailua; duplicate addresses.
	12/4/2013		Added ninety-six (96) new address points in Halawa.
	12/3/2013		Spatially corrected thirteen (13) address points in Waimanalo and added three (3) alias addresses.
	12/2/2013		Spatially corrected seven (7) address points in Waimanalo and identified addresses that require site visits.
			Spatially corrected sixty (60) address points in Kailua. Added three (3) alias addresses, identified three (3) aliases, and identified addresses that require site visits.
			Spatially corrected 201 address points in Kaneohe. Added one (1) alias address and identified addresses that require site visits.
	11/25/13 -- 11/26/13		Spatially corrected 389 address points in Kaneohe. Added three (3) alias addresses.
	11/25/13		Corrected record ID 316490 address from Waipio Point Acc to Waipio Point Acc Rd in Mililani

• Geographic Information System (GIS) (continued)

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Address Points (continued)	11/21/13 -- 11/29/13		Spatially corrected thirty-five (35) address points in Waimanalo. Added one (1) routing ID to record ID 62792, TMK to record ID 316397, three (3) alias addresses and identified addresses that require site visits. Completed spatial correction of Waimanalo.
	11/21/13		Deleted record ID 179868 41-756 Ahiki St, record ID 67416 41-689 Ahiki St, and record ID 87984 41-592 Poalima St in Waimanalo; duplicate addresses.
	11/20/13 -- 11/27/13		Added 364 new address points in Hale Moku. Completed Hale Moku.
	11/20/13		Added 144 new address points in Hokulani and identified address points located in incorrect MSAG Communities. Completed Hokulani.
	11/18/13 -- 11/26/13		Spatially corrected 716 address points in Kailua. Added nine (9) alias addresses, added two (2) apartment letters, identified one (1) alias, corrected one (1) address, corrected one (1) TMK, and identified addresses that require site visits.
	11/18/13 -- 11/20/13		Deleted record ID 73035 44-096 Ikeanani Dr and record ID 81701 1489 Ulupii St in Kailua; duplicate addresses.
	11/14/13		Deleted record ID 85650 770 Auloa Rd; duplicate address.
	11/13/13		Deleted record ID 69321 917 Maunawili Cir; duplicate address point.
	11/07/13		Added 254 new addresses points in Moanalua T.
	11/06/13		Added 100 new addresses points in Moanalua.
	11/05/13		Deleted record ID 73645 710 Old Mokapu Rd, record ID 73646 714 Old Mokapu Rd, record ID 73644 718 Old Mokapu Rd, and record ID 73620 720 Old Mokapu Rd; duplicate address points.
	11/04/13 -- 11/15/13		Spatially corrected 1,466 address points in Kailua. Added twenty (20) alias addresses, corrected one (1) TMK, identified one (1) alias, corrected one (1) address, and identified addresses that require site visits.
	11/01/13		Spatially corrected twenty-six (26) address points in Waimanalo. Added two (2) alias addresses, corrected one (1) TMK, and identified missing addresses that require site visits.

• Geographic Information System (GIS) (continued)

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Address Points (continued)	10/31/13		Spatially corrected 200 address points in Kailua and added three (3) alias addresses.
	10/30/13		Populated 505 addresses and twenty-eight (28) building numbers in Halsey T
	10/25/13		Added 505 new address points in Halsey T
	10/23/13		Corrected eleven (11) street names from Alaeloa St to Alealoa Pl per Street Centerline correction.
	10/22/13		Deleted record ID 68288 146 1 Malunui Ave, record ID 70255 411A Oneawa St, and record ID 71421 555 Auwai St; duplicate address points.
	10/22/13 -- 10/24/13		Spatially corrected 840 address points in Kailua. Added four (4) alias addresses, corrected one (1) address, added one (1) apartment letter, corrected one (1) TMK, and identified missing addresses that require a site visit.
	10/18/13		Deleted record ID 70735 316 Keaniani St; duplicate address point.
			Corrected thirty (30) street names from Mailiili Rd to Mailiili Rd per Street Centerline correction.
	10/17/13		Deleted record ID 70242 112 Oneawa St and record ID 70871 401A-1 Kawainui St; duplicate address points.
	10/16/13		Deleted record ID 70627 350 Ulupaina St and record ID 70558 430B1 Manono St; duplicate address points.
	10/16/13 -- 10/18/13		Spatially corrected 925 address points in Kailua. Added eleven (11) alias addresses, added two (2) apartment number, corrected one (1) address, corrected two (2) TMKs, and identified missing addresses that require a site visit.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013
(Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Address Points (continued)	10/03/13 -- 10/15/13		Deleted record ID 72023 567 Kaimake Loop; duplicate address.
			Added 170 new address points in Moanalua T
			Spatially corrected sixty-one (61) address points in Waimanalo. Added two (2) alias addresses, added two (2) apartment letters, and identified missing address that require site visits.
			Spatially corrected 1,564 address points in Kailua. Added two (2) routing keys, corrected three (3) TMKs, added two (2) apartment letters, corrected one (1)apartment letter, corrected one (1) address, added five (5) alias addresses, and identified missing addresses that require site visits.
	10/03/13		Populated 5232 Location Names and 5185 Location Types. Reviewed and corrected comments that were inconsistent.
	10/01/13		Spatially corrected 422 address points in Kailua and twenty-three (23) address points in Waimanalo. Added three (3) alias addresses, added one (1) apartment letter, corrected one (1) address, corrected one (1) TMK and identified missing addresses that require site visits. Deleted record ID 87624 265 N Kalaheo Ave, record ID 87531 425 N Kalaheo Ave, record ID 86675 410860 Kakina St; duplicate address points.
	09/26/13		Added seventy-eight (78) new address points in Moanalua T
	09/23/13 -- 09/30/13		Spatially corrected 1,031 address points in Kailua, and fifty (50) address points in Waimanalo. Added eighteen (18) alias addresses, three (3) apartment numbers, and one (1) apartment letter, corrected one (1) address, and identified missing addresses that require site visits.
	09/12/13 -- 09/20/13		Spatially corrected 1,242 address points in Kailua and seventy-five (75) address points in Waimanalo. Added sixty-one (61) new address points in Maloelap and twenty-two (22) in Moanalua T. Added eighteen (18) alias addresses and identified missing addresses that require site visits. Added two (2) apartment letter. Deleted record ID 84924 1376 Kehaulani Dr which was a duplicate address location. Deleted sixteen (16) addresses that were not identifiable. Corrected record ID 313440 from 1234 Mokulua Dr to 1232 Mokulua Dr.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Address Points (continued)	09/11/13		Received new development Ewa by Gentry Area 14. Georeferenced blueprint and added 235 new address points.
	09/03/13 -- 09/11/13		Spatially corrected 2,236 address points in Kailua and 119 in Waimanalo. Added eighty-six (86) new address points in Maloelap. Added eighteen (18) alias addresses and identified missing addresses that require site visits. Corrected record ID 86738 TMK from 41018024 to 41018043. Corrected record ID 84354 frtom 47-674 Paopua Loop to 674 Paopua Loop. Deleted record ID 103231 47-740A Ahuimanu Loop which was a duplicate record that was geocoded and populated incorrectly. Corrrected record ID 87325 TMK from 42021062 to 42051062.
	08/29/13 -- 08/30/13		Spatially corrected 406 address points in Kailua. Added five (5) alias addresses.
	08/28/13		Spatially corrected seventy-seven (77) address points in Waimanalo and 135 in Kailua. Added nine (9) alias addresses. Deleted record ID 316561 41-1741 Kalanianaole Hwy and record ID 88266 495 Wanaao Rd.
	08/26/13		Corrected spatial and MSAG Community for address point 3375 Salt Lake Blvd
	08/22/13 -- 08/23/13		Added 319 new address points in Catlin Pk
	08/21/13		Spatially corrected 531 address points in Waimanalo
	08/02/13 -- 08/05/13		Spatially corrected 347 address points in Waimanalo. Deleted record ID 86772 410544 Kumuhau St and record ID 67327 410609 Humuniki St. Added addresses to their corresponding address points.
	08/02/13		Added fifty-six (56) new address points in Miller Pk
	07/31/13		Added 130 new address points in Miller Pk
			Parsed out street type for address points 911768 Pepper Row, 1104 Fort Street Mall and 280 Beach Walk. These were mandatory corrections as identified by Intrado.
	07/30/13		Spatially corrected 205 address points in Waimanalo. Corrected record ID 64012, 41-1511 Kalanianaole Hwy to 41-1537 Kalanianaole Hwy. Populated attributes for one (1) address point in Wahiawa, one (1) address point in Waipahu, and 254 address points in Waimanalo.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Address Points (continued)	07/22/13		Added 204 new address points in Radford T
	07/18/13		Corrected the prefix for an address previously at 6410488
	07/12/13		Added Routing Key to 941383 Waipahu St address
	07/10/13		Spatially corrected one (1) address point in Kaneohe, two (2) address points in Kahaluu, and eighty-three (83) address points in Waimanalo. Also, identified three (3) missing address points.
	07/08/13 -- 07/12/13		Spatially corrected 366 address points in Waimanalo
	06/28/13		Added routing keys for Kam Hwy addresses on Saddle City Rd
	06/26/13		Corrected address points that had a concatenated subhouse
	06/18/13		Added fifty-two (52) new address points
	06/14/13		Spatially corrected 129 address points to the proper location
	06/13/13		Added routing keys to 4304, 4206,4204 and 4208 Diamond Head Rd addresses
	06/11/13		Moved address point for 351 Elliot St to the proper location at the Federal Prison Bureau
	06/06/13		Added 114 new address points
	06/05/13		Added thirty-two (32) new address points in Radford T
	06/03/13		Corrected Post Office address in Waimanalo
	05/21/13 -- 05/24/13		Spatially corrected 545 address points and populated the location type.
	05/20/13		Spatially corrected thirty-seven (37) address points in Waimanalo. Added location names for Makapuu Lighthouse, Makai Ocean Research Facility and Sea Life Park.
	05/06/13		Corrected MSAG Community names in Maili
	04/17/13 -- 04/18/13		Updated MSAG Community codes, populated State codes, and calculated XY coordinates

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Address Points (continued)	04/15/13		Created seven (7) new address points on 911471 Miula St, moved address point 911471 Miula St to correct location and added Bldg 7 as the building, and created fifty (50) new address points on 850295 Kauiokalani Pl.
			Georeferenced Franciscan Vistas Ewa Senior Rental Apartments and Community Center, Kamakana at Hoakalei, Kaupuni Village, and Seawinds Apartments for HSI building plans and reviewed ten (10) additional building plans to verify existing address points.
	04/12/13		Georeferenced Awakea at Mehana and Hale Wai Vista building plans, moved address point 860082 and 860084 Farrington Hwy to their correct location, and created three (3) new address points on 860082 Farrington Hwy based off of the Hale Wai Vista building plan.
	04/10/13		Created seventeen (17) address points for the Kapolei Trade Center
			Added building numbers to seventeen (17) address points for the Awakea at Mehana subdivision
	02/06/13 -- 02/07/13		Corrected 2043 to 2034 for address point 2043A Iholena St, added Rd to address point 19 Sand Island Acc and 5 Sand Island Acc, corrected Pl to St for address point 3545 Waakauak Pl, and added Pl to address point 3647 Woodlawn Terrace in the Master Address Points feature class.
			Added 331 new address points in the Master Address Points feature class. Populated address point fields in the attribute table according to the Motorola PremierOne Geofile Build Requirements.
	02/05/13		Corrected a to A for address point 660441 Pikai St, corrected Ahulimanu to Ahuimanu for address point 470396 Ahulimanu Pl, corrected Rd to Pl for eighteen (18) address points in Kaneohe, and added Rd to address point 480161 Waiahole Valley and 480226 Waiahole Valley in the Master Address Points feature class
	02/01/13 -- 02/05/13		Added 774 new address points and populated the corresponding fields in the Master Address Points feature class

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Address Points (continued)	01/31/13		Corrected Dr to Rd for address point 910760 Papipi Dr and corrected the city from Barbers Point NAS to Kalaeloa for two address points
			Added forty-eight (48) new address points for Ewa Beach, two (2) for Kalaeloa, one (1) for Kapolei, fourteen (14) for Waimanalo, and eleven (11) for Laie. Populated the remaining fields in the attribute table according to Motorola PremierOne Geofile Build Requirements.
	01/30/13		Address point 980673 Kilinoe St was not geocoded correctly in the DPP Address Points data. No structure existed for that address. The address point was moved to the correct street range.
			Added twenty (20) new address points for Aiea and one for Haleiwa. Populated the remaining fields in the attribute table according to Motorola PremierOne Geofile Build Requirements.
Common Place Name		**12/27/13**	Delivered updated Common Places to HPD
		12/13/13	Delivered updated Common Places to HPD
		11/29/13	Delivered updated Common Places to HPD
		11/15/13	Delivered updated Common Places to HPD
		11/01/13	Delivered updated Common Places to HPD
		10/18/13	Delivered updated Common Places to HPD
		10/04/13	Delivered updated Common Places to HPD

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013
(Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	10/04/13		Corrected name for SEARS KANEOHE WINDWARD, updated ENCHANTED LAKE SC address, corrected name from PIPELINE CAFÉ to BJ PENN UFC GYM due to business change at this location
			Deleted COMPADRES, TOWER RECORDS KAHALA, SEARS AMSC as these locations are no longer in business
			Added LAW TOW PC, SHORELINE HOTEL, PETCO KAPOLEI, BBQ KAI, and HOALAUNA COMM PK
	10/03/13		Corrected address for Hoakalei Country Club in Kapolei and deleted LAW TOW KALIHI
			Added 7ELEVEN KANEOHE, BARBERS PT GC, LAW TOW MAPUNAPUNA
		09/20/13	Delivered updated Common Places to HPD
	09/17/13		Utilizing the Common Place Alias extract from the PremierOne CAD, built new database and joined tables to the Common Place layer. Extracted the CAD information to the necessary fields for the PremierOne CAD system alias tables.
			Spatially corrected Library Moanalua to structure
		09/06/13	Delivered updated Common Places to HPD
	09/04/13		Corrected fourteen (14) location names. Deleted DIST CRT WAIANAE.
	08/30/13		Deleted records for ASB Pearl City, Windward Town & Coun, Sizzler Kailua, BOH Kapolei SC, CPB Kailua Do Quijo, and Pali Ctr
			Corrected names for forty-seven (47) common places records
			Added new common places for DH State Monument and Kapolei Hale
			Corrected address for BOH Kapolei

- **Geographic Information System (GIS) (continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	08/29/13		Corrected MSAG Community Name of ninety-nine (99) common places in AMR, NCTAMS PAC, and Salt Lake.
		08/23/13	Delivered updated Common Places to HPD
	08/22/13		Corrected MSAG Community Name of six (6) common places in Hickam and MCBH
	08/20/13		Reviewed JUL 30 2013 TCAD errors. All errors were military or freeway. There were no new errors to correct.
	08/19/13		Created three (3) new common places based off of the GIS Corrections JUL 26 2013 report: H1E Wakea Off, H1W Kalaeloa Off, and H2S Honolulu Off.
			Corrected MSAG Community Name of twenty (20) common places in Pearl Hbr, Makalapa, and Aliamanu.
	08/12/13		Edited thirteen (13) common places.
	08/09/13		Reviewed the GIS Corrections JUL 25 2013 report and added aliases to seventy-three (73) freeway common places.
	08/07/13 -- 08/09/13		Edited 280 common places for the Freeway Renaming project and completed the project. Deleted duplicate record ID 10593 H2N Wahiawa Off and record ID 549 MFE H1E.
	08/01/13 -- 08/07/13		Edited 149 and added eight (8) common places for the Freeway Renaming project. Deleted record ID 10957 MFE from H1W since the route did not exist. Deleted duplicate record ID 173274 H1E Pearl City W and record ID 11055 H3E from H1E.
	07/30/13		Spatially corrected one (1) common place and added one (1) alias name both in Waimanalo to their corresponding address points

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)		**07/26/13**	Delivered updated Common Places to HPD
	07/26/13		Completed nineteen (19) corrections from the JUL 16 2013 TCAD report
			Reviewed the GIS Corrections JUL 12 2013 report. Corrected JITB Oneawa to JITB Kailua, Fed Waldron Feedmil to Land of Lakes, and added aliases.
	07/15/13		Deleted duplicate record ID 14538 Luana Hills Country
			Spatially corrected ten (10) common places in Kailua, corrected name of four (4) common places and added alias names to five (5) common places
		07/12/13	Delivered updated Common Places to HPD
	07/11/13		Deleted duplicate record ID 13568 Kailua Baptist Chris
			Spatially corrected twenty-six (26) common places in Kailua, corrected address to one (1) common place, added addresses to two (2) common places, corrected name of two (2) common places, corrected police subbeat to four (4) common places, and added alias names to sixteen (16) common places
			Corrected name of seven (7) common places and added nine (9) alias names to common places in Kailua.
	07/10/13		Reviewed the GIS Corrections JUN 28 2013 report and corrected one (1) common place.
			Corrected MSAG Community name(s) of one (1) common place from Pearl City to Waipahu, one (1) common place from Pearl City to Waipio, 358 common places from Waipahu to Waipio, and thirty-one (31) common places from Kaneohe to Kahaluu
	07/09/13		Spatially corrected twenty-five (25) common places in Kailua, corrected name of two (2) common places, added alias name to eight (8) common places, and added one (1) room number.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	07/08/13		Deleted record ID 11478 Aloha Gas Kailua, record ID 12627 Finance Factors Kail, record ID 17011 Tiares Bar, and duplicate record ID 13574 Kailua Foodland MP
			Corrected police beat, police subbeat, and address and added alias name to BWS Pohakupu
			Spatially corrected twenty-six (26) common places in Kailua, corrected police subbeat for four (4) common places, corrected name of four (4) common places, added seven (7) alias names, and added one (1) suite number.
			Spatially corrected four (4) common places in Waimanalo to its corresponding address point
	06/28/13	**06/28/13**	Corrected MSAG Community names of forty-four (44) common places.
			Created ten (10) new common places: Bellows AFS Gate, Bellows AFS Res Ofc, Turtle Cove, Bellows Field Bch Pk, two (2) for the Ka Iwi Scenic Shoreline Park and two (2) along street centerline Trail Makapuu Lighthouse, and two (2) for the Makapuu Tom Tom Trail along street centerline Trail Makapuu Koolau Summit.
			Spatially corrected one (1) common place in Kahuku and two (2) in Mokuleia. Corrected location, address, and added alias for one (1) common place in Kunia, six (6) in Schofield, four (4) in Bellows, three (3) in Waimanalo, and two (2) in Mapalapa.
	06/27/13		Corrected DH State Monument to Trail Diamond Head. Deleted duplicate record ID 13584 Kailua Treatment Pla. Added alias name to WWTP Kailua. Spatially corrected five (5) common places in Kailua.
	06/26/13		Corrected Koko Crater Railway to Trail Koko Head and Koko Crater Blowhole to Trail Koko Head Arch. Corrected addresses for five (5) common places in Waimanalo. Corrected twenty-six (26) common places. Created two (2) new common places: Pizza Hut Oneawa and 7Eleven Oneawa.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	06/25/13		Corrected name of Verizon Waimanalo to HTCO Central Office and added alias names to four (4) common places. Spatially corrected eight (8) common places in Waimanalo. Created one (1) new common place: Makapuu Tidepools.
	06/24/13		Spatially corrected three (3) common places in Hickam and nine (9) in Pearl Hbr. Corrected MSAG Community name for four (4) common places from Honolulu to Airport.
			Corrected 283 freeway addresses to correspond with HPD's freeway naming convention. Additionally, corrected addresses for RS Puupapaa, RS Kapaa, and OTS Kapolei Transit.
			Deleted duplicate record ID 15829 Pearl Harbor Nimitz and record ID 17429 Waianae Treatment Pl; added alias name to WWTP Waianae; and corrected alias name of WWTP Waimanalo.
	06/21/13		Corrected MSAG Community name of eighty-one (81) common places from Kapolei to Makakilo and three (3) from Ewa Beach to Makakilo.
	06/20/13		Corrected location, name, and added alias to Koko Kai Mini Pk, Kokee Mini Bch Pk, Duke Kahanamoku Pk, and Silva Channel Bch
	06/19/13 -- 06/21/13		Created eighty-one (81) new Emergency Response Location common places and corrected six (6) additional common places.
	06/18/13		Created five (5) new Emergency Response Location common places and spatially corrected Kaluanui Bch.
			Spatially corrected Highway Mauka Kahuku from Laie to Kahuku on a temporary basis until a site visit can verify its true spatial location.
			Corrected five (5) errors from the JUN 17 2013 TCAD report.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	06/17/13		Corrected name of Aloha Island Mart to Island Mart School and Zias to Zias Caffe as well as spatially corrected its location. Researched common place locations inside Bellows Air Force Station.
			Created one (1) new common place: Aloha Gas Kaneohe
			Reviewed four (4) reported errors from the JUN 14 2013 GIS Corrections report. Corrected Ulehawa Bch Pk 3 to Ulehawa Bch Pk 2, deleted record ID 11309 7Eleven Kaneohe, and created two (2) new common places ABC 45 Waikiki and Island Mart Likelike.
			Spatially corrected two (2) common places in Waimanalo. Added alias address to Waimanalo Bch Pk CG.
	06/14/13	**06/14/13**	Created three (3) new common places along street centerline Trail Koko Crater Rail and two (2) along street centerline Trail Koko Crater Blowhole.
			Corrected seven (7) common places for Diamond Head State Monument and six (6) common places along street centerline Trail Diamond Head.
	06/13/13		Spatially corrected DH State Monument. Georeferenced a 1934 Fort Ruger diagram of Diamond Head. Created six (6) new common places for Diamond Head State Monument and eight (8) common places along street centerline Trail Diamond Head.
			Created one (1) new common place -- JTMC Plot based off of the GIS Corrections JAN 11 2013 report. Added descriptions and alias to OTS Alapai Transit. Added alias name Leeward Auto Wreckers Towing to LAW Tow Wahiawa, LAW Tow Kapolei and LAW Tow Kalihi.
			Corrected address for LAW Tow Wahiawa, deleted record ID 173281 LAW Tow Kailua, and created one (1) new common place -- LAW Tow Kaneohe based off of the GIS Corrections MAY 31 2013 report.
	06/12/13		Corrected MSAG Community name for one (1) common place from Kahuku to Laie

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	06/06/13 -- 06/13/13		Spatially corrected twenty (20) additional common places in Waimanalo. Corrected Common Place Name Malaekahana Camp Pk to Malaekahana CG. Deleted duplicate record ID 17553 Waimanalo Treatment from the GIS.
	06/06/13		Began correcting TCAD errors from the JUN 2 2013 report. Completed three (3) corrections.
	06/04/13 -- 06/05/13		Spatially corrected twenty-four (24) additional common places in Waimanalo. Deleted duplicate record ID 13440 Job Corps Ctr of HI, record ID 13439 Job Corp Head Start, record ID14648 Makai Pier, record ID 17047 Town and Country Sta, and record ID 10006 Windward Infant Todd from the GIS. Created three (3) new Common Places: HCAP, HCAP Head Start, and Lifeguard 6B Waimana. Added alias name Manana Island to Rabbit Island.
	06/03/13		Began the Common Places spatial correction sweep. Spatially corrected four (4) common places in Waimanalo
	05/31/13	**05/31/13**	Moved and corrected Barbers Pt Child Dev to its correct location. Added suite or space numbers and descriptions to twenty-six (26) ABC common places.
			Deleted record ID 11505 Aloha Gas Stadium and record ID 12176 Control Data Bldg based on the MAY 17 2013 error report; deleted record ID 11908 Camp Hauula and record ID 13627 Kakela Bch Pk and corrected the name of West Oahu Community to West Oahu Comm Churc based on the MAY 3 2013 error report; deleted record ID 172214 Borders Pearlridge and corrected the name of McDonald's Pearl City to McDonald's PC Gateway based on the APR 19 2013 error report; and deleted record ID 173343 H1W Exit 8A, added alias names to H3W Honolulu Off and H3E KBay Off, and spatially corrected H1W H2N Off based on the NOV 3 2013 error report.
	05/30/13 --,05/31/13		Spatially corrected one (1) military error and two (2) errors on the MAY 21 2013 TCAD error report.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	05/29/13		Corrected one (1) MAY 21 2013 TCAD error and began reviewing TCAD military errors. Spatially corrected five (5) errors and completed fourteen (14) reviews
			Moved and corrected eight (8) common places within Stadium Mall to their correct locations.
	05/28/13		Began review of the Common Places Alias spreadsheet and matched and added 161 new aliases.
			Deleted duplicate record ID 16443 Safeway Aiea. Moved and corrected eight (8) common places within Waimalu Plz to their correct locations, and modified MSAG Community name for 76Gas Waimalu, 7Eleven Waimalu, and six (6) common places in Newtown Sqr from Aiea to Pearl City.
			Corrected two (2) MAY 21 2013 TCAD errors and researched three (3) for follow-up.
	05/24/13		Created one (1) new common place: 7Eleven Waimalu
			Deleted record ID 12974 Makino Restaurant and created one (1) new common place in its place: Coconut Willys. Deleted twenty-two (22) record IDs linked to common places that no longer exist. Replaced and assigned them to new Akimeka IDs and linked them to the common places that currently exist in its place.
			Reviewed and corrected 437 comments in the feature class that were inconsistent and spatially corrected, corrected address, and added alias name for Cemetery Nanakuli.
	05/23/13 -- 05/24/13		Moved and corrected ten (10) common places within Waipio SC to their correct locations, corrected four (4) common places with the Gentry Business Park Center, moved and modified the MSAG Community for Kahe Point Beach Pk and Kahe Point, corrected common place name Kamaaina The to The Kamaaina, and added alias name Maili Pink Market to Maile Pink Market.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	05/23/13		Began correcting MAY 21 2013 TCAD errors. Completed two (2) corrections and researched one (1) for follow-up.
			Corrected MSAG Community names of seventy-seven (77) common places from Waianae to Nanakuli
	05/22/13		Corrected three (3) TCAD Freeway errors and researched one (1) for follow-up from the MAY 6 2013 error report. Work was halted pending receipt of the street matrix standards from HPD PMT.
	05/21/13		Corrected location and address for Kaena Point Waialua and the location for Kaena Point Waianae
	05/20/13 -- 05/21/13		Reviewed TCAD Freeway errors on the MAY 6 2013 error report and corrected twelve (12) errors.
	05/20/13		Added alias name, Oahu Baptist Network, to nineteen (19) common places.
	05/17/13	**05/17/13**	Created two (2) new common places: H1W Exit 8A and H1E Makakilo OP based off of the NOV 3 2012 report and moved Longs Mililani Mauka to its correct location based off of a site visit performed on the GIS Corrections MAR 8 2013 report
			Created one (1) new common place: West Oahu Community based on a site visit and deleted record ID 173266 Oahu Baptist Network.
	05/16/13		Created one (1) new common place: Burger King AMR based off of the GIS Corrections NOV 3 2012 report
			Completed four (4) corrections, deleted two (2), and created two (2) new common places: Mililani Missionary and H2N Exit 8 based off of the GIS Corrections MAY 3 2013 report

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	05/15/13		Moved eight (8) common places within Aiea SC to their correct locations
			Updated names and alias names for three (3) common places and created four (4) new common places: Nancy's Kitchen, BWS Kunia 2, BWS Kunia Rsvr, and OTS Alapai Transit based off of site visits performed on the GIS Corrections APR 19 2013 report
	05/10/13		Reviewed the MAY 6 2013 TCAD errors and completed four (4) corrections
	05/08/13 -- 05/09/13		Corrected the address for eleven (11) common places and the MSAG Community names of twenty-six (26) common places from Waialua to Mokuleia
	05/06/13		Added building numbers to twenty-one (21) common places for Kuhio Homes and corrected location, address, police beat, police subbeat, tow boundary and MSAG Community name for H1E Hickam Off and H1E Nimitz Off PH based off the GIS Corrections JAN 13 2013 report.
	05/03/13	**05/03/13**	Created two (2) new common places: CCH DPR Storage and Friendship Christian; corrected Hickam Off From H1E and PFE Puuloa based off of the GIS Corrections NOV 2 2012 report; and corrected MSAG Community name from Honolulu to Mapunapuna for MFE Puuloa OP.
			Moved Hongwanji Ewa to its correct location and deleted duplicate record ID 13230; corrected subbeat and name of Mahiko Ewa Co to Ewa Mahiko Pk Cmplex; corrected address from 911205 Renton Rd to 911145 Renton Rd, police subbeat from 326F to 326E, and the location of the Ewa Mahiko Pk; corrected location and name of Lanakila Baptist MS to Lanakila Baptist HS and added alias names of Lanakila Baptist Intermediate and High School and Lanakila Baptist MS; and moved Post Office Ewa, FCU Ewa, Ewa Sugar Mill to their correct locations.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	05/02/13		Reviewed the APR 22 2013 TCAD errors and completed three (3) corrections
			Corrected MSAG Community names for three (3) common places from Laie to Hauula
			Moved HFD Kahuku 13, CC Yard Kahuku, HPD Kahuku, and RS Kahuku to their correct locations
			Reviewed the APR 9 2013 TCAD errors and completed five (5) corrections
			Created one (1) new common place: Gunstock Ranch based off of the APR 19 2013 GIS Corrections report
	05/01/13		Added alias names to TJMaxx Pearlridge and Honolulu Intl Countr
			Moved Womens Alcohol Treat and two (2) Aloha Gas Kalihi locations to their correct locations
			Researched twenty-one (21) reported errors, corrected seven (7) and deleted three (3) based off of the GIS Corrections APR 19 2013 report
			Replaced alias name for Queen's Med Ctr West based off of the GIS Corrections MAR 22 2013 report
			Corrected name of Arizona Off from H1W to Arizona from H1W based off of the GIS Corrections NOV 3 2012 report
	04/30/13		Corrected location of Waianae Store, Safeway Ewa Beach, Ewa Mahiko Pk, Mahiko Park Ewa Co, and Foodland Kapolei. Added alias names for Safeway Ewa Beach and Foodland Kapolei.
			Created two (2) new common places: Petco Ewa Beach and BOH Ewa Beach Safewa.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	04/30/13		Created one (1) new common place, HPD Ewa Warehouse (GIS Corrections FEB 22 2013 error report) and created one (1) new common place, Ross Ewa Beach (GIS Corrections MAR 22 2013 error report) as validated by site visits.
			Corrected name and location of Wells Fargo Waianae to Pacific Justice Ctr and FBI HQ Development to FBI Headquarters from the GIS Corrections APR 19 2013 error report and validated by site visits.
	04/26/13		Researched eleven (11) reported errors and corrected one (1) from the GIS Corrections APR 19 2013 error report. Corrected location of seven (7) common places inside the Waikele Ctr.
	04/25/13		Corrected MSAG Community Names for fifty-two (52) common places from Haleiwa to Sunset. Corrected Castle Junction from the APR 19 2013 GIS Corrections error report.
	04/23/13		Reviewed thirteen (13) TCAD errors for follow-up on the APR 9 2013 report.
	04/18/13		Corrected eleven (11) MSAG Community Names from FT Shafter and Honolulu to Moanalua V respectively.
	04/15/13		Corrected MSAG Community Names for forty-seven (47) common places from Waianae to Maili
	04/12/13		Deleted record ID 12150 CompUSA Waikele as confirmed with site visit. Created sixteen (16) new common places for: Home Maluhia, Dennys Kaneohe, 7Eleven Bishop, and the subdivision homes of Awakea at Mehana based on the GIS Corrections MAR 22 2013 error report.
	04/11/13		Moved FHB Hawaii Kai, FCU Eke HI Dental, and Territorial Dwntwn to their correct location.
			Reviewed thirteen (13) and corrected five (5) from the MAR 22 2013 GIS Corrections error report. Also created two (2) new common places: 24HR Fitness Hawaii and 24HR Fitness Dwntwn. Deleted record ID 17438 Waiau Power Plant (H and record ID 73161 CompuUSA Pearl Highla.

- **Geographic Information System (GIS) (continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	04/08/13		Populated building numbers for 152 common places
	04/03/13		Moved Wheeler Army Airfiel and Wheeler Main Gate to the correct location. Corrected city name for three (3) common places from Schofield to Mililani. Corrected city name for seven (7) common places from Schofield to Wahiawa.
			Deleted record ID 12043 Chucks Steakhouse and record ID 16319 Richies BBQ II; corrected Eggs N Things to Eggs N Things Kalaka and to Eggs and Things Sarato; created one (1) new common place for Eggs and Things Piikoi; and populated twelve (12) common places with XY coordinates.
	04/02/13 -- 04/03/13		Corrected five (5) TCAD errors and researched four (4) for follow-up on the MAR 27 2013 report.
	04/02/13		Site visit to verify location. Richies BBQ II no longer exists.
	03/21/13		Created three (3) new common places: Hickam AFB Main Gate, HAFB Omalley Gate, and HAFB Police (GIS Corrections Master MAR 11 2013 error report).
			Corrected location, address and city name for Bridge Kipapa D2 NB, Bridge Kipapa D2 SB, Bridge Kipapa D3 NB, and Bridge Kipapa D3 SB
	03/20/13		Corrected city name of fifty-three (53) common places from Waianae to Makaha
	03/15/13 -- 03/18/13		Corrected five (5) TCAD errors on the MAR 11 2013 report. Corrected three (3) reported errors on the GIS Corrections Master MAR 11 2013 report.
	03/15/13		Moved McDonalds Mililani, Mililani Mauka Pk, Park N Ride Mililani, and Tesoro Mililani Mauk to their correct locations.
			Researched six (6) reported errors and corrected two (2) errors and created three (3) new common places (McDonalds Kapolei W, Kapolei State Bldg, and Longs Mililani Mauka) from the GIS Corrections Master MAR 11 2013 report.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	03/14/13		Added alias names Waikiki Beach Eggspress and Saratoga Flagship Store to Eggs N Things. Corrected city names of RS USN, Wahiawa Naval Comm S, NAVCAMS EastPac Wahi, and Naval Comm Stn Wahia.
	03/13/13		Moved DOT Halawa Field Ofc to the correct location
	03/11/13		Deleted record ID 173222 Lakeview Intersect with HPD approval
	03/08/13		Reviewed and corrected comments in the Master Common Places feature class that were inconsistent.
	03/05/12 -- 03/06/13		Corrected fourteen (14) TCAD errors and researched eleven (11) records for follow up on the FEB 27 2013 report
	03/05/13		Corrected Honolulu Stadium Park to Honolulu Stadium Pk. Added alias name Longs Moiliili to Ross Moiliili and Star Market Moiliili to Longs Moiliili. Moved Halawa Hsg Kupalii, Halawa Hsg Makuu and Halawa Hsg Oliana to the correct street range. Created one (1) new common place for the Halawa Housing community for Halawa Hsg Kaee.
	03/04/13		Corrected 104 TCAD errors and researched three (3) records for follow up on the FEB 27 2013 report
			Corrected city name for 101 common places from Aliamanu, Honolulu, Kaneohe, and Pearl City to Aiea
			Corrected twelve (12) common places from Hauula to Punaluu
	02/28/13		Corrected ASB Wal mart Keeaumo to ASB Walmart Keeaumok and ASB Walmart Pearl C to ASB Walmart Pearl Ci in the Master Common Places feature class.
			Reviewed the GIS Corrections Master spreadsheet for new corrections from the FEB 27 2013 report. Created two (2) new common places: Walgreens Wahiawa and Hawaii Self Storage. Corrected four (4) common places, moved Animal Quarantine St to the correct street range, and added an alias name and pseudo address to Diamond Pl Varsity in the Master Common Places feature class.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	02/27/13		Reviewed the GIS Corrections Master spreadsheet for new corrections. Corrected six (6) out of the seven (7) reported errors. Created one new common place for St Roch Church.
	02/08/13		Reviewed the GIS Corrections Master spreadsheet for new corrections from the JAN 25 2013 report. Corrected three (3) common places and added Safeway Ewa Bch.
			Corrected subclass for thirty-two (32) common places from Drug Store to Store in the Master Common Places feature class
	02/07/13		Corrected city name for Pearl City Comm Ctr from PC Peninsula to PC Pen in the Master Common Places feature class
	01/28/13		Reviewed sixty-four (64) Address Location Error Forms, corrected seven (7) Common Place errors, and added three (3) new Common Places for ASB Makiki, Ross Moiliili, and Kaiser Mapunapuna. Deleted two (2) out of date records: ASB Makiki and Pizza Hut Stadium Ma.
	01/25/13		Corrected the address for White Plains Bch for the JAN 17 2013 report
			Researched seventeen (17) reported errors and corrected sixteen (16) errors on the GIS Corrections JAN 24 2013 report
	01/24/13		Researched nineteen (19) reported errors, corrected thirteen (13) and deleted five (5) on the GIS Corrections JAN 14 2013 report
			Corrected six (6) TCAD errors and researched three (3) for follow up from the JAN 17 2013 report
	01/23/13		Removed Family Court Kapolei as an alias from Dist Crt Kapolei on the GIS Corrections JAN 23 2013 report
			Corrected nine (9) TCAD errors and corrected five (5) TCAD errors from the JAN 17 2013 report with a correction of a street city name from Kapolei to Waianae

- **Geographic Information System (GIS) (continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	01/17/13		Create one (1) new Common Place for Kanpai Bar and Grill
			Researched ten (10) Address Location Error Forms and corrected eleven (11) associated errors. Deleted out of date record and added alias for Kalihi SC.
	01/16/13		Researched three (3) Address Location Error Forms and corrected six (6) associated errors. Deleted duplicate record for St Francis West Medi.
	01/15/13		Moved eleven (11) Common Places to the correct location
			Added alias name FCU Honolulu Fire to FCU HFD Kalihi. Corrected FCU Honolulu Police to FCU Honolulu and FCU Honolulu Police as aliases.
			Created four (4) new Common Places: Teddy Bear Museum, FCU HPD Pearl City, FCU HPD Kapolei, and Seaside Bar and Grill.
			Researched five (5) Address Location Error Forms and corrected seven (7) associated errors. Deleted duplicate record for Prince GC.
	01/14/13		Spatially corrected seven (7) Common Places in Waimanalo and two (2) Common Places in Bellows to correspond with actual park entrances or lifeguard stands. Spatially corrected three (3) Common Places in Makakilo.
	01/11/13		Researched four (4) Address Location Error Forms and corrected ten (10) associated errors
			Corrected city name for Leilehua GC and National Guard Armor from Wahiawa to Mililani
	01/10/13		Corrected sixteen (16) city names from Pearl City to Waipahu and twenty-one (21) city names from Waipahu to Pearl City. Reviewed all Waipahu and Pearl City Common Places to ensure that all corresponded to the correct community.
			Corrected five (5) TCAD errors from the DEC 14 2012 report. Deleted Wahiawa National Gua duplicate.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Common Place Name (continued)	01/09/13		Created Pseudo Address field for the Master Common Places feature class. The State field was missing so re-created and re-populated.
			Corrected Park N Ride Wahiawa from the TCAD DEC 14 2012 report
			Reviewed Common Place discrepancies that fell on streets with corrected gaps between NOV 16 2012 and DEC 10 2012 reports. Corrected Wahiawa Dist Pk and Wahiawa Rec Ctr and deleted Wahiawa Rec Ctr and Wahiawa Gym duplicates.
	01/08/13		Reviewed Address Location Error Forms to ensure corrections were made in GIS. Added Holiday Inn Wkk as an alias to Waikiki Beachcomber. Also corrected Police Beat 467 to 464 for Sat City Hall Kaneo.
	01/03/13 -- 01/08/13		Researched and verified TCAD errors from the DEC 14 2012 report.
	01/03/13		Identified Makakilo Cliff blank-to-blank ranges. Relocated three (3) associated Common Places. Follow up with populating street range.
	01/02/13 -- 01/03/13		Completed review of spatially corrected Common Places in Waimanalo and discovered three (3) discrepancies. Follow up about lifeguard stands.
Emergency Callboxes			
Fire Beats			
Fire Districts			
	04/19/13 -- 04/23/13		Updated all boundaries for the Fire Battalions which included correcting the coastlines and interior boundaries in accordance with the written HFD Policies and Procedures.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Fire Response Areas			
	12/13/13		Corrected boundary at STA12/STA36 and STA41/STA42
	10/29/13		Updated boundaries for STA14 and STA16
	10/16/13		Corrected boundaries at the Kam Hwy/H2S Exit 9 intersection
	10/09/13		Corrected STA14 and STA16 boundary along Wahiawa Water Company flume
	08/19/13		Corrected boundary for Station 39 and Station 18 at Keolu Intersection
	04/26/13		Added coloration values for CAD display purposes
	04/23/13		Updated RA for Paawa to be included in Battalion 2
	03/25/13 -- 03/29/13		Corrected layer with the corrected coastline. Completed on March 29, 2013.
	03/22/13		Edited HFD RA sort orders
	03/21/13		Removed multiple park polygons and battalion codes in preparation for the TriTech CAD upgrade.
	03/07/13		Ran topology to identify gaps and overlaps. Made minor corrections as needed.
			Added metadata to new HFD Response Areas layer
	03/04/13		Made adjustments to Engines 5 and 12
	03/01/13		Corrected boundaries for Engine 41 (Mililani Mauka), Engine 42 (Waikele), and Engine 43 (East Kapolei)
	02/01/13 -- 02/27/13		Corrected boundaries for Engine 4 (Kuakini), Engine 5 (Kaimuki), Engine 6 (Kalihi), Engine 7 (Waikiki), Engine 8 (Mokulele), Engine 9 (Kakaako), Engine 10 (Aiea), Engine 11 (Sunset), Engine 12 (Waipahu), Engine 13 (Kahuku), Engine 14 (Waialua), Engine 15 (Hauula), Engine 16 (Wahiawa), Engine 17 (Kaneohe), Engine 18 (Kailua), Engine 19 (Aikahi), Engine 20 (Pearl City), Engine 21 (Kaaawa), Engine 22 (Manoa), Engine 23 (Wailupe), Engine 24 Ewa Beach), Engine 25 (Nuuanu), Engine 26 (Waianae), Engine 27 (Waimanalo), Engine 28 (Nanakuli), Engine 29 (McCully), Engine 30 (Moanalua), Engine 31 (Kalihi Kai), Engine 32 (Kalihi Uka), Engine 33 (Palolo), Engine 34 (Hawaii Kai), Engine 35 (Makakilo), Engine 36 (Mililani), Engine 37 (Kahaluu), Engine 38 (Waiau), Engine 39 (Olomana), Engine 40 (Kapolei), Engine 41 (Mililani Mauka), Engine 42 (Waikele), and Engine 43 (East Kapolei).

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Fire Response Area	01/31/13		Performed edits to the Engine 1 (Central Station) boundaries based on HFD written Policies and Procedures
	01/15/13		Cleaned up the boundaries around parcels at Kunia Camp
	01/08/13		Clipped out old ocean response boundaries from Fire responses and used updated Coastlines in order to apply a more precise 3-mile buffer for ocean rescues
	01/07/13		Completed correcting gaps and overlaps in preparation for the HFD TriTech CAD upgrade
Fire Stations			
	08/19/13		Added address to one (1) Fire Station record
	08/14/13		Removed special characters and HQ from five (5) records.
Major Roads			
MSAG Address Points (aka Pseudo Address Points)			
MSAG Communities (aka Towns)	12/31/13		Corrected Mililani/Waipahu boundary
	12/12/13		Updated Mililani/Waipio boundary
	12/11/13		Updated Mililani/Waipio boundary
	10/24/13		Corrected Makakilo/Kunia boundary. Corrected Wahiawa/Schofield boundary.
	10/17/13		Corrected Ft Shafter/Kalihi and Ft Shafter/Moanalua V boundaries to the correct military fence line.
	10/16/13		Corrected Mililani/Wahiawa boundary, Kunia/Waipahu boundary, Kunia/Mililani boundary, and Schofield/Mililani boundary.
	10/11/13		Corrected Pearl Hbr/Hale Moku boundary to military fenceline
	10/1/13 -- 10/9/13		Corrected Wahiawa/Waialua boundary along Police Beat 266
	09/23/13 -- 09/26/13		Corrected Haleiwa/sunset boundary and Haleiwa/Waialua boundary

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
MSAG Communities	09/10/13 -- 09/13/13		Corrected boundary to Kaneohe/Kahuluu, Hauula/Punaluu, Hauula/Laie and Kahuku/Laie
	08/27/13		Corrected boundary for Waimanalo, Kailua, and Kaneohe
	08/16/13		Updated boundaries to Miller Pk, Halsey T, Aliamanu, and Catlin Pk
			Corrected Makalapa and Aiea boundary to military fence line
	07/19/13		Corrected boundary at Pearl Hbr/Ford Isl/Aiea on the bridge
	07/01/13		Corrected boundary between Pearl Hbr and Aiea
	06/28/13		Corrected entrance to Bellows per HPD
	06/27/13		Corrected boundary for Schofield.
	06/26/13		Corrected boundary for Waimanalo/Bellows to military fence line.
	06/21/13		Corrected boundary for Pearl Harbor, Hickam, and Airport to fence line.
	06/12/13		Corrected Iroquios and Pearl Hbr to the military fence line
	05/10/13		Updated border between Mokuleia and Waialua and Ewa Beach and Kalaeloa
	04/10/13 -- 04/17/13		Updated border of Lualualei to the military fence line, border between Pearl Harbor and Aiea, border between Pearl City and Waipahu, and border at coastline between Bellows and Kailua.
	04/08/13		Validated topology on MSAG Communities and marked thirty-four (34) errors as exceptions. Deleted the original MSAG Communities feature class and created a new feature class with the corrected MSAG Communities containing the updated coastlines.
	04/04/13 -- 04/05/13		Corrected additional MSAG Communities based off of the updated coastline layer.
	04/01/13 -- 04/03/13		Corrected MSAG Communities for Hawaii Kai, Aina Haina, Waialae, Kahala, Waikiki, Ft DeRussy, Ala Moana, Kakaako, Downtown, Kalihi, Airport, Hickam, and Pearl Harbor based off of the updated coastline layer.
	03/19/13		Modified boundary of Makua
	03/13/13		Edited boundary of NCTAMS PAC
	03/11/13		Minor correction to the border of Aiea and Camp Smith

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Medic Beats			
	03/29/13		Validated the Medic Response Areas topology: Marked three (3) errors as an exception and corrected one (1) overlap
	03/28/13		Deleted the original Medic Response Areas feature class and created a new feature class with the corrected Medic Response Areas containing the updated coastlines.
	03/26/13 -- 03/27/13		Corrected Medic Response Areas for Hawaii Kai, Wailupe, Honolulu, Aiea, Waipio, Wahiawa, Waipahu, Ewa Beach, Makakilo, Nanakuli, Waianae, Waialua, Kahuku, Kaneohe, Kailua and Waimanalo based off of the updated coastline layer.
	03/01/13 -- 03/26/13		Performed spatial re-alignment of the Kahuku, Waialua, Waianae, Nanakuli, Makakilo, Ewa Beach, Waipahu, Waipio, Aiea, Honolulu, Wailupe, and Hawaii Kai coastline using the 2010 Pictometry. Completed spatial re-alignment on March 26, 2013.
	02/14/13 -- 02/26/13		Performed spatial re-alignment of the Waimanalo coastline using the 2010 Pictometry.
Medic Response Areas			
	12/13/13		Corrected boundary at MED12/MED10/MED22
	10/29/13		Updated boundaries for MED6 and MED12
	10/09/13		Corrected MED6 and MED12 boundary along Wahiawa Water Company flume
	08/27/13		Corrected boundary for Medic 3 and Medic 9
	05/17/13		Added the color values for the TriTech CAD system upgrade
	05/06/13		EMS recently modified the written boundary between Nanakuli and Waianae and asked Akimeka if this change can be included in the TriTech CAD system upgrade. Akimeka reviewed the latest boundary descriptions, made the corrections, and provided the update to TriTech.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Medic Stations			
Milepost Markers			
Net Junctions		**12/18/13**	Delivered Aloha geodatabase with updated Net Junctions to HPD
	12/18/13		Populated Net Junctions with the latest MSAG Community and Police Beat updates
	12/02/13		Populated Net Junctions with the latest MSAG Community and Police Beat updates
		11/19/13	Delivered Aloha geodatabase with updated Net Junctions to HPD
	11/18/13		Populated Net Junctions with the latest MSAG Community and Police Beat updates
		11/08/13	Delivered updated Net Junctions to HPD for new upload process
	11/08/13		Populated with latest MSAG Communities and Police Beat updates.
		11/05/13	Delivered Net Junctions to HPD
	11/05/13		Populated with latest MSAG Community updates
		10/22/13	Delivered Aloha geodatabase to HPD with Net Junctions updates
	10/22/13		Populated with the most recent MSAG Community updates -- part of Phase V
		10/07/13	Delivered Aloha geodatabase to HPD with Net Junctions updates
	10/07/13		Populated with the latest MSAG Community updates
	09/23/13		Populated with the most recent MSAG Community updates and delivered Aloha geodatabase to HPD
	09/09/13		Populated with the most recent MSAG Community updates and delivered Aloha geodatabase to HPD
	08/27/13		Populated with the most recent MSAG Community updates and delivered Aloha geodatabase to HPD

- **Geographic Information System (GIS) (continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Net Junctions	08/12/13		Populated with the most recent MSAG Community updates
	07/29/13		Populated with the most recent MSAG Community updates
	07/15/13		Populated with the latest MSAG Community updates
	07/01/13		
		07/01/13	Delivered Net Junctions to HPD for current CAD system
	06/17/13		Populated with the latest MSAG Community updates and delivered the Aloha geodatabase with the updates to HPD to load into the Motorola CAD system.
	06/03/13		Populated with latest MSAG Community corrections
	05/20/13		Populated new MSAG Community updates and returned edits to HPD for the CAD upload
	05/06/13		Received geoprocessed Net_Junctions from HPD and populated the MSAG Community field with the latest updates
	04/22/13		Added all MSAG Community Names and updated and delivered the Net_Junctions with the corrections to HPD PMT.
	04/08/13 -- 04/09/13		Received the geoprocessed Net_Junctions from HPD and completed populating the MSAG Community attributes. Delivered the updated Aloha geodatabase to HPD.
	03/26/13		Populated the updated MSAG Community attributes for HPD PMT
	03/11/13		Populated the city field with the new MSAG Community updates which correspond to the same updates made to the Street Centerlines data provided to HPD in the March 18, 2013 deliverable
	02/25/13		Received the Aloha geodatabase with the Net_Junctions created during the geometric network process at HPD. Populated the Net_Junctions "CITY" attributes with the updated MSAG Community names to date. Prepared the data and returned to HPD PMT with corrections.
	02/19/13		Reviewed the Net_Junctions provided by HPD and corrected the "CITY" attributes manually. Returned the Aloha geodatabase with the updates for HPD to process into TCAD.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Points of Interest			
	12/27/13		Deleted Hono Dist Crt (duplicate), Added HFD 43 Kapolei, and HFD Kapolei 43
			Populated new MSAG Community of Punchbowl and Makiki
	12/20/13		Added Kapolei Knolls Pk in Kapolei
	12/13/13		Spatially corrected Harano Tunnel H3, H1E Kaahumanu OP, and H1W Kaahumanu OP
	11/29/13		Added Ke Kula O Samuel in Kaneohe
			Populated with new MSAG Community of Ala Moana
	11/25/13		Populated with updated MSAG Community of Kakaako
	11/19/13		Populated MSAG Community information for Downtown
	11/15/13		Added Dennys Kapolei and Law Tow Kalihi
			Corrected name of Waikiki Hana Htl to Waikiki Stay Htl and added old name to alias
			Corrected name of Makaha Drive In to Lahilahi Drive In and added old name to alias
	11/14/13		Added Walgreens Nuuanu
	11/05/13		Updated to include the new MSAG Community of Nuuanu
	10/31/13		Spatially corrected Honolulu Towing to correct geocoding issue
	10/21/13		Corrected name for Chuck E Cheese Kalihi
	10/18/13		Spatially corrected locations to buildings at UH Manoa campus -- UH ART BLDG, UH EDMONDSON HALL, UH HAMILTON LIBRARY, UH HAWAII INST OF GE, UH KELLER HALL, UH KENNEDY THEATRE, UH KUYKENDALL HALL, UH MARINE SCIENCES BL, UH PARADISE PALMS, UH PHYSICAL SCIENCE, UH SYNDER HALL, UH STUDENT HEALTH SE, UH WATANABE HALL, UH WEBSTER HALL
			Deleted MACYS HILTON HAWN VI -- no longer in business
			Added UH CHEMISTRY BLDG in Manoa and CROSSPOINTE BLDG 18 in Aiea
			Populated with updates to new Kalihi MSAG Community
	10/16/13		Spatially corrected locations at H2S exits and on ramps in Mililani

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Police Beats			
	12/31/13		Corrected Beat 250 according to the HPD written policies and procedures. This concludes all corrections in District 2.
	12/13/13		Began correcting Beat 362, and 363 according to the HPD written policies and procedures
	12/12/13		Continued correcting Beat 252 and began correcting Beat 250 according to the HPD written policies and procedures
	12/11/13		Completed boundary correction of Beat 254 according to the HPD written Policies and Procedures. Began correcting Beat 252
	11/06/13 -- 11/13/13		Corrected boundaries for Beats 255 and 254 according to the written descriptions. Continued to edit Beat 250.
	10/29/13		Corrected boundaries for Beats 260, 258 and 256 according to the written descriptions. Began correcting Beats 255, 254, and 250.
	10/16/13 -- 10/25/13		Corrected boundaries for Beat 262 according to the written descriptions. Continued correcting Beat 260. Began correcting Beats 258 and 256.
	10/1/13 -- 10/15/13		Corrected boundaries for Beats 268, 266 and 264 according to the written descriptions. Began correcting Beats 262 and 260.
	09/23/13 -- 09/27/13		Corrected boundaries for Beats 272, 270, and 268 according to the written descriptions. This is an ongoing project.
	09/10/13 -- 09/13/13		Corrected boundaries for Beats 468, 471, 472 ,473, 475, 477, and 478 according to the written descriptions. This is an ongoing project.
	09/03/13		Corrected boundaries for Beats 464, 465, and 467 according to the written descriptions. This is an ongoing project.
	08/26/13 -- 08/29/13		Corrected boundaries for Beats 450, 451, 453, 454, 455, 456, 458, 459, 461, and 462 according to the written descriptions. This is an ongoing project.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Police Beats	06/18/13		Continued to edit the Police Beat boundaries according to the written descriptons. This is an ongoing project.
	06/04/13 -- 06/10/13		Began the correction process to follow the boundaries identified in HPD's written policies and procedures. Corrected Beat boundaries for 151,152, 154, 156, 157, and 158.
	04/23/13 --04/25/13		Corrected Police Beats and Subbeats based off of the updated coastline layer.
	04/16/13		Deleted the original Police Beats feature class and created a new feature class with the corrected Police Beats containing the updated coastlines.
			Validated topology on Police Beats and marked thirty-four (34) errors as exceptions.
			Reviewed nine (9) bookmarks regarding Police Beat conflicts. Corrected land boundaries between Police Beat 375 and 380, 464 and 462, and 772 and 774.
Police Districts			
	05/22/13		Deleted the original Police Districts feature class and created a new feature class with the corrected Police Districts layer containing the updated coastlines.
			Validated topology on Police Districts: marked thirty-three (33) gaps as an exception with no gaps or overlaps to correct.
	05/21/13 -- 05/22/13		Corrected Police Districts for District 7, District 6, District 1, District 5, District 3, District 8, District 2, and District 4 based off of the updated coastline layer.
Police Response Areas			
	05/16/13		Corrected one (1) overlap in Police Subbeat 431X. Police Subbeat 085E has two duplicate, inconsistent and overlapping polygons. Marked four (4) overlaps related to this conflict as an exception.
	05/14/13		Deleted original Police Subbeat feature class and created a new feature class with the corrected Police Subbeats containing the updated coastlines

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Police Beats	05/10/13		Corrected land boundary between Police Subbeat 333G and 333M. Validated topology on Police Subbeats, marked twenty-one (21) gaps as an exception, corrected three (3) gaps, marked four (4) overlaps as exceptions , and corrected one (1) overlap.
	05/08/13 -- 05/09/13		Reviewed thirty-three (33) bookmarks and fourteen (14) bookmarks with Police Subbeat boundary confilcts. Cut Police Beat 325D into a multi-part polygon to resolve any conflicts with the coastline.
	05/06/13 -- 05/08/13		Corrected Police Subbeats based off of the updated Coastline layer
Police Stations			
Schools			
Street Centerlines			
	12/31/13		Added Ilauhole St ingresses into apartment complex in Waimanalo so vehicles will route properly
			Spatially corrected Kam Hwy in Mililani
	12/30/13		Flipped street ranges on Manawaiola Sr and Kaulukanu Pl in Waimanalo
			Added 2 segments of Hoopulapula St in Waimanalo to correct addressing discrepancies
			Corrected ranges on Ala Koa in Waimanalo and added new Street segment to correct addressing discrepancies
			Split Huli St at Ala Koa intersection in Waimanalo
		12/27/13	Delivered Street Centerlines data to HPD, HFD, and EMS
	12/27/13		Populated new MSAG Community of Punchbowl and Makiki
	12/20/13		Corrected gaps in Kalihi on Kamanaiki St, Kapalama Ave, Kealia Dr, Kohou St
			Corrected left/right parity issues with street ranges on Kealia Dr in Kalihi

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines	12/19/13		Corrected gaps in Kalihi on Kam IV Rd
	12/18/13		Corrected gaps in Kalihi on Kam IV Rd
			Corrected street ranges on Kua Pohaku Dr in Kalihi and Inoaole St in Waimanalo
	12/16/13		Flipped segments on H1W Exit 13A and updated One Way Codes and Elevations to correct vehicle routing issues
			Corrected gaps in Kalihi on Kalihi St
		12/13/13	Delivered Street Centerlines data to HPD, HFD, and EMS
	12/13/13		Split H1W at Waipahu/Kunia boundary
	12/12/13		Spatially corrected segments of Kam Hwy in Mililani and Waipio
	12/11/13		Spatially corrected segments of Kam Hwy in Mililani and Waipio
	12/10/13		Continued correcting gaps in Kalihi on Kalihi St
	12/10/13		Added ranges to AE St in new development in Kapolei
	12/09/13		Removed invalid segment of Gillespie Ln in Catlin Pk and corrected segments of Dickson Ln to Gillespie Ln to match with actual addresses
			Spatially corrected Catlin Ln in Catlin Pk
			Corrected gaps on Catlin Ln in Catlin Pk
			Corrected gaps in Kalihi on Kalihi St
			Removed invalid segments of Koelsh Ln in Catlin Pk
	12/06/13		Corrected gaps in Kalihi on Moani St, Omilo Ln, Liliha St, Laumaka St, Owawa St, Kua Pohaku Dr, and Kino St
	12/02/13		Flipped Inoaole St and corrected ranges in Waiamanalo
			Corrected ranges on Kalau Pl, Maunanani St, Poalima Pl, and Poalima St in Waimanalo
		11/29/13	Delivered Street Centerlines data to HPD, HFD, and EMS
	11/29/13		Corrected overshoot at Kam Hwy, Higgins Rd, Santos Dumont intersection in Mililani
			Corrected overlapping vertices on Kam Hwy in Kaneohe
			Populated with new MSAG Community of Ala Moana
	11/25/13		Populated with updated MSAG Community of Kakaako
			Corrected routing issue on H1W FWY in Aiea identified by an HFD dispatcher. Flipped segment and adjusted elevation values at overpass.
	11/21/13		Corrected gaps in Aiea on Piki St, Pohue St, Poko Rd, Ponokiwila St, Puaalii Pl, Puaalii St, and Ulune St

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	11/20/13		Corrected gaps in Aiea on Lania Pl, Manako St, Moanalua Loop, Naulu Pl, Ohekani Loop, Olena St, Oliwa St, Palaialii Pl, Pali Momi St,and Piikea St
	11/19/13		Populated MSAG Community information for Downtown
	11/18/13		Flipped leie Pl street direction in Aiea and switched segment ranges to match with address points
		11/15/13	Delivered Street Centerlines data to HPD, HFD, and EMS
	11/15/13		Added streets in new developments: Ae St, Maweke St and Maunakapu St in Kapolei
			Split Manawai St and Wakea St for new street addition in Kapolei
			Split Palehua Rd
	11/12/13		Corrected gaps in Aiea on Lehia St and Malualua St
			Spatially corrected Kam Hwy and Meheula Pkwy in Mililani
	11/08/13		Corrected gaps in Aiea on Kahapili St, Kanuku St, Kaonohi St, Kukila St, Kupukupu St, Laakea St, Laulima St, and Uila St
	11/07/13		Corrected gaps in Aiea on Hulumanu St, Ilee St, and Ipuala Loop
	11/06/13		Corrected gaps in Aiea on Honomanu St, and Huakanu St
			Corrected elevation values on Puowaina Dr and Tantalus Dr to fix a routing issue with the overpassing street
	11/05/13		Updated to include new MSAG Community of Nuuanu
			Connected Waikupanaha St/Mahailua St intersection
			Corrected gaps in Waipio on Meahale St and Pumaia Pl
			Corrected gaps in Aiea on Hapaki St, Hoala St, and Hoapono Pl
			Spatially corrected Puliki Pl
	11/04/13		Corrected gaps in Waipahu on Loaa St, and Pupukahi St
		11/01/13	Delivered Street Centerlines data to HPD, HFD, and EMS
	11/01/13		Corrected gaps in Pearl City on Hoomoana St, Hoomoe St, Hoopai St, Laauhuahua Pl, Makamua St, and Nanakai St
			Corrected gaps in Salt Lake on Kahikolu Pl, and Salt Lake Blvd
			Corrected gaps in Waipahu on Kahualii St, Kaiewa St, and Kuahui St
			Flipped odd/even ranges to correct geocoding discrepancy with address points on Hoopai St

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	11/01/13		Flipped street direction for Kaiewa St in Waipahu and re-addressed ranges to accurately reference address point locations
	10/30/13		Corrected gaps in Pearl City on Hoohulu St
			Corrected gaps in Mokuleia on Hopemanu St
			Corrected gaps in Moanalua V on Haku St, Lalamilo St, Maalahi St, and Mahiole St
			Corrected gaps in Mililani on Naholoholo St, Paikauhale St, Puaheahe St, Puneki St, Waihonu St, Waikalani Dr, Wailawa St, Waimakua Dr, Waipuka St, Waipono St and Wekiu St.
	10/29/13		Populated 146 Census Tract attributes in support of HFD and EMS operations with the new TriTech CAD system
			Spatially corrected Kam Hwy in Mililani
	10/28/13		Split Ka Uka Blvd at Pearl City/Waipio boundary
			Populated 128 Census Tract attributes in support of HFD and EMS operations
			Corrected gaps in Mililani on Mahinahou St, Makapipipi St, Makaunulau St, Makohilani St, Meanui St, and Poiki St
	10/25/13		Deleted segment of Glen Ave crossing through Baseball Field
			Spatially corrected Walker Ave, California Ave, N Cane St, Kilani Ave and Glen Ave in Wahiawa
			Populated 132 Census Tract attributes in support of HFD and EMS operations
			Corrected gaps in Mililani on Keahilele St, Kealohi St, Kipapa Dr, Kowa St, Kuahelani Ave, Kuaoa St, Lanikuhana Ave, Lauae St, and Lehuakona St
	10/24/13		Corrected gaps in Mililani on Kamalei St and Kupuahi St

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	10/23/13 -- 10/24/13		Populated 150 Census Tract attributes in support of HFD and EMS operations
	10/23/13		Corrected gaps on Holaniku St, Kahela St and Hookupu St in Mililani
			Corrected range for Adams Ln in Honolulu. Corrected street name for portion of Alaeloa St to Alaeloa Pl in Honolulu.
	10/22/13		Populated eighty-nine (89) Census Tract attributes in support of HFD and EMS operations
			Corrected gaps in Mililani on Hikikaulia St, Hinalii St, Hoakula St, and Holani St.
	10/21/13		Corrected gaps in Kapolei on Owakalena St, in Maili on Manuu St,and in Makaha on Hanalei St, Lahaina St, and Makaha Valley Rd
		10/18/13	Delivered Street Centerlines data to HPD, HFD, and EMS
	10/18/13		Corrected gaps on S Beretania St in McCully (HONOLULU)
			Corrected street name for Mailiilii Rd to Mailiili Rd
			Deleted De Haven St
			Added Moanalua Ridge in order to correctly address Pearl Harbor Elementary School which was an error identified on the TCAD report.
			Corrected one way codes on N King St
			Corrected gaps on N School St and Palama St in Kalihi
	10/17/13		Corrected gaps on Lanakila Ave and Likelike Hwy in Kalihi
			Flipped segments on Likelike Hwy and Liliha St in Kalihi to correct routing and addressing issues
			Populated new Kalihi MSAG Community
			Spatially corrected Kunia Rd at Kunia/Waipahu boundary

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	10/15/13		Spatially corrected segments of Kam Hwy in Mililani and Wahiawa at Police Beat 264 and 262 boundaries. Deleted segments of Kam Hwy in Mililani which would cause routing issues with freeway on ramps, off ramps, and merge lanes.
			Corrected gaps on Napoonala Pl and Kamakahala St in Waiaua, Kalie St, Kam Hwy, Kulia St, Laniloa Pl, Puninoni St in Wahiawa, Koolina St, Kumaipo St, Puhawai Rd, Puuhulu Rd, Waianae Valley Rd in Waianae
			Corrected elevation values on Puuloa Rd overpass and MFE Exit 3 off ramp for proper routing purposes
			Split Waialae Ave at McCully/Manoa boundary, Moanalua Rd at Moanalua V/Mapunapuna boundary, Moanalua Rd at Mapunapuna/Salt Lake boundary and Waipahu St at Waipahu/Waipio boundary
	10/11/13		Split Pali Hwy at Punchbowl/Nuuanu boundary, Kona St at Honolulu/Ala Moana boundary, Mokapu Saddle Rd at Kailua/Kaneohe boundary, and Varsity Pl at McCully/Manoa boundary
			Spatially corrected Kam Hwy along Police Beat 264/260, Kunia Rd along Police Beat 264/262, and California Ave along Police Beat 264/262
	10/10/13 -- 10/15/13		Populated 327 Census Tract attributes in support of HFD and EMS' operations.
	10/10/13		Performed a street network diagnostic on Valkenburgh St in order to correct routing issues in the TriTech CAD system identified by HFD. Corrected the elevation values with the freeway overpasses to resolve the issue.
			Corrected fifty-two (52) gaps in Kaneohe on Keneke St, Kionaole Rd, Ko St, Kulukeoe St, Kuneki Pl, Makalani St, Malulani St, Mikiola Dr, Nahewai St, Namoku St, Nanihoku Way, Ohala St, Paleka Rd and Waikalua Rd
			Split Renton Rd at Kalaeloa/Ewa Beach boundary, Center Dr at Airport/Pearl Hbr boundary, Kaneohe Bay Dr at Kialua/Kaneohe boundary and Puuloa Rd at Airport/Mapunapuna boundary

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	10/09/13		Corrected forty (40) gaps in Kaneohe on Halekou Rd, Hinapu St, Haokaa St, Hololio St, Hui Iwa St, Hulupala Pl, Kalali St, and Keaahala Rd
		10/04/13	Delivered Street Centerlines data to HPD (current system), HFD (new upgrade system), and EMS (new upgrade system)
	10/03/13		Added street ranges for Essex Rd so Barbers Point Golf Course can be located and responded to
			Deleted Pau Ln and Makaoe Ln -- no longer existing. Hotel built here in Waikiki
			Corrected gaps on Haamaile St, Haiku Plantation Dr, Haiku Rd and Halaulani St in Kaneohe
			Corrected gaps on Kailua Rd, Lihiwai Rd and Halia St in Kailua
	10/01/13		Spatially corrected Waialua Beach Rd, Kam Hwy, Weed Cir at Haleiwa/Waialua boundary
			Split Haleiwa Rd at Police Beat boundary
	09/27/13		Corrected gaps on Humupaa St
	09/24/13		Populated 231 Census Tract boundaries in support of HFD and EMS operations. Added hiking trail for Koko Crater Botanical Gardens. Corrected gaps on Nakini St, Ilauhole St, and Oluolu St. Flipped segment of Arizona St to correct flipped link errors.
	09/23/13		Split Managers Dr at boundary. Added street ranges for Koaleo St.
		09/20/13	Delivered Street Centerlines data to HPD, HFD, and EMS
	09/20/13		Split Moanalua Rd, E Moanalua Fwy, and Ala Napunani at the Salt Lake boundary. Corrected gaps on Whitmore Ave, Pakui St, and Nomilo St.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	09/17/17		Corrected gaps on Gulick Ave, Ginger St, and Glen Ave
	09/13/13		Corrected gaps on Pakini St. Split Radford Dr, Namur Rd, and Marshall Rd at respective boundaries.
	09/11/13		Corrected fifteen (15) gaps on Dole St, Elelupe Rd, Farmers Rd, Farrington Hwy, Forest Ridge Way, and Kamilo St
	09/09/13		Corrected fifty-four (54) Flipped Link errors
		09/06/13	Delivered Street Centerlines data to HPD, HFD, and EMS
	09/06/13		Split Kikania St, Makakilo Dr, Center Dr, and N Nimitz Hwy at associated MSAG Community and Police Beat boundaries
	09/05/13		Identified valid overlap on Funston Rd -- flagged as an exception
			Corrected forty-seven (47) mixed parity issues
			Split segments of H1W FWY, H1E FWY, and 11TH ONTO H1W
			Added two (2) segments for 10th Ave underpass
	09/04/13		Corrected D St range on Hickam to accommodate address for HAFB Police based on HPD's approval and direction
	09/03/13		Corrected street name for Honolulu International Airport Departures
	08/29/13		Updated AMR, Salt Lake, and NCTAMS PAC. Spatially corrected segments of Kam Hwy.
	08/28/13		Spatially corrected segments on Kailua Rd, Kamahele St, Kaumana Pl, Kawainui St, Kuulei Rd, Maluniu Ave, Kalaheo Ave, and Wanaao Rd.
	08/27/13		Calculated cost for twenty-seven (27) new Street Centerlines. Spatially corrected segments of Pali Hwy and Kapaa Quarry Rd.

- **Geographic Information System (GIS) (continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	08/26/13		Spatially corrected forty-seven (47) Street Centerlines
		08/23/13	Delivered Street Centerlines data to HPD, HFD, and EMS
	08/23/13		Increased range on Kaikohola St to accommodate new TNs -- pending approved development maps prior to feature additions
	08/19/13		Corrected one way codes for freeway exits
			Continued to populate census tract information for HFD and EMS CAD systems
			Corrected gaps on Awiki St, Bell St, Boothe Rd, Carlos Long St, Center St, Claudine St, College Walk, Crater Rd, and Diamond Head Rd.
	08/16/13		Split Luapele Dr at boundary to Makalapa
			Updated streets in Makalapa
	08/06/13		Added new exit for H1W Exit 27
	08/01/13 -- 08/06/13		Worked on Freeway Renaming project. Corrected one way codes, elevations, and speed limits for on ramps and off ramps. Reconstructed the Honolulu International Airport on ramp and off ramp system. Completed the Freeeway Renaming project.
	07/30/13		Corrected street type for Pepper Row. Corrected eighteen (18) intersection issues identified in topology. This also addresses the Intrado recommendations.
		07/26/13	Delivered Street Centerlines data to HPD, HFD, and EMS
	07/26/13		Corrected right MSAG Community for Kaahumanu St
			Added street names and ranges to Arizona Memorial Pl (ingress to the Arizona Memorial). Spatially corrected segment of Ford Island Blvd.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	07/25/13		Spatially corrected 42 Street Centerlines in Kailua.
	07/24/13		Diana Chun of EMS reported that there was an addressing issue identified for 95-1375 Wikao St that did not plot correctly in the TriTech CAD. Corrections were made to the street segment to correct the mapping issue. The length of Wikao St was extended in to the private road area so that the last house would geocode correctly. Address Points require attention and this was added to the drive list.
	07/23/13		Corrected gaps on Awiki St
	07/22/13		Corrected gaps on Alohilani st, Anakua St, Analii ST, Anolike, Anuanu St, Apelekoa St, Apii St, Apio Ln, Armstrong St, Auina St, Aukauka Rd, Auwaiolimu St, and Awapuhi St.
	07/19/13		Corrected gaps on alapai St, Alaula Way, Ala Puumalu, Alewa Dr, and Alogea Ave. Added missing ext on H2S.
	07/18/13		Corrected gaps on Ala Pili Loop, Ala Noe Pl, and Alani Dr. Updated Ford Isl.
	07/17/13		Corrected gaps on Ala Ilima, Ala Iolani, Ala Kapua, Ala Lani, Ala Lehua, Ala lilikoi St, Ala Mahamoe, and Ala Napunani. Flipped segments on Apuakea St. Corrected gaps on Funston St.
	07/16/13		Corrected one way codes on Kalihi St
		07/12/13	Delivered Street Centerlines data to HPD, HFD, and EMS
	07/12/13		Corrected gaps on Lumiaina St
	07/09/13		Updated streets in Pearl Harbor to new MSAG Community name of Pearl HBR
			Re-created the trail for Makapuu Koolau Summit in order to correct a fuzzy tolerance error
	07/08/13		Split H2N and H2S at the Waipio/Pearl City/Mililani borders. Split Plantation Dr between the Mililani and Waipio boundary.
			Updated the MSAG Community attributes for Waipio, Schofield (remaining East Range) and Kahaluu

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	07/03/13		Cut street segments on Waipio Point. Spatially corrected segments of Paala Uka Pupukea Rd
	07/02/13		Corrected border issues between Civilian and Military jurisdictions
	07/01/13		Continued adding Census Tract information. This is an ongoing project.
	06/28/13	**06/28/13**	Split Santos Dumont Ave at Schofield boundary. Split Tinker Rd at entrance to Bellows. Spatially corrected segments of Kam Hwy in Kahaluu that were causing alignment errors.
	06/27/13		Corrected spatial accuracy for segments of Macomb Rd. Split Wright Ave and LyMan Rd at entrances to Schofield.
	06/26/13		Corrected ranges on Kunia Rd to include the Kahana Fou Church.
	06/25/13		Calculated cost attributes.
	06/24/13		Corrected parity errors on Kohea Pl.
	06/21/13		Corrected MSAG Community names for Makakilo. Split segment of Nimitz Hwy at MSAG Community boundary.
	06/20/13		Coded Ft St Mall as a walkway and lowered speed limit to 1 so that it remains routable.
	06/19/13 -- 06/20/13		Corrected the freeway names to the new naming convention as approved by HPD. Identified and classified all on ramps and off ramps.
	06/18/13 -- 06/19/13		Added new hiking trail for Makapuu Koolau Summit, corrected gaps on Akamai St and Ainapo St, corrected parity errors on Forward Ave and corrected gaps on Ala Hapuu and Ala Aoloa Loop.
		06/14/13	

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	06/13/13		Added Diamond Head hiking trail, split Paakea Rd at MSAG Community boundary, and corrected ranges on Kalanianaole Hwy in front of 76 Gas Waimanalo SC to fix geocoding issue.
	06/11/13 -- 06/12/13		Spatially corrected Plantation Rd outside of Helemano, split Valkenburgh St at MSAG Community boundary, updated all street records in Lualualei, corrected the current MSAG Community name of LLL West Lock to LLL West Loch, added an ingress segment into Diamond Head, and split Barracks Rd at MSAG Community boundary.
	06/06/13 -- 06/10/13		Corrected gaps on Aiea Hts Rd, Aila St, Ailuna St, Aimoku St, and Aina Lani Pl, calculated cost, added street names to Hako St, Clawson St, Pierce St, and Oakly Rd, and split Leilehua Golf Crs Rd at community boundary.
	06/03/13 -- 06/04/13		Flipped segments of Ahua St in order to correct an address error, corrected gaps on 20th Ave, 22nd Ave, Aaahi St, and Aha Aina Pl, corrected One Way Codes on Kalihi St, and added new segment on 16th Ave and Nuuanu Ave.
	05/29/13 -- 05/31/13	**05/31/13**	Added Makapuu Lighthouse Trail; corrected segments that have improper ramp names; spatially corrected segments of Waiawa Rd and corrected the ranges; corrected street name errors for ingress segments; corrected street name for Independence Rd to Independence St as indicated for the Kalaeloa properties; and corrected segment ranges on Kaahumanu St in order for common place alignment to structures.
	05/22/13 -- 05/24/13		Split Jarrett While Rd at community boundary; split the Oahu Railway; deleted segment of Kaukai Rd; split Farrington Hwy between Kapolei and Nanakuli; deleted segment of Kona St that went over the conference center; spatially corrected Kalanianaole Hwy from Haunauma Bay to Makapuu Lighthouse; split Kalanianaole Hwy in order to add an intersection with Koko Head Crater trail at Blowhole; spatially corrected ingress for Koko Head Rifle RD; spatially corrected Makapuu Lighthouse Rd and ended segment where the trail begins; and overrode twenty-three (23) gap errors as valid in Nanakuli.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	05/21/13		Split Satellite Tracking Station Rd at community boundary; populated new MSAG Community of Makua; spatially corrected Lower Campus Rd, Pope Rd, East West Rd, and Correa Rd; flipped Army St in Waianae; and corrected street range gaps on Alamihi St, Hale Ekahi Dr, Hoaha St, Kamailenu St and Kawili St.
	05/20/13		Populated latest Address Errors and Overrides from the CAD
	05/17/13	**05/17/13**	Continued correcting street names for all ramps. Spatially corrected on ramp and off ramp in Ewa Beach at Kunia Rd and H1.
	05/16/13		With approval, began correcting street names for all ramps
			Added Koko Head Rail and Koko Head Blowhole trails
			Spatially corrected Jeep Trails in Mokuleia and a segment of Pump Rd that crossed over the shopping center
	05/14/13		Corrected Pali and S Kuakini intersection. Spatially corrected all of Farrington Hwy in Mokuleia. Split Farrington Hwy at boundary between Waialua and Mokuleia.
			Updated speed limit for Oahu Railway to 1 mph so it would be routable but only secondary to main roads
	05/10/13		Spatially corrected segments of Puuiki St. Spatially aligned Cane Haul Rd and added new segments at the intersection. Corrected routing issues on Kaiwi St. Corrected gaps on Waialua Beach Rd.
	05/09/13		Worked on updates to new MSAG Community of Mokuleia. Corrected routing issues with HFD vehicles on Hawaii Kai Dr.
	05/08/13		Spatially aligned Kaonohi St with the Police Beat boundary for 375 and 378. Corrected street name from Franklin D Roosevelt Ave, which exceeds the character limitation, to FD Roosevelt Ave as requested by HPD.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	05/06/13		Calculated cost for routing information. Snapped Ashley Rd to Kam Hwy intersection and spatially corrected all of Ashley Rd.
	05/03/13	**05/03/13**	Extended range for Mahiaina St to cover a 911 caller's address that was outside of the range
	05/02/13		Re-addressed Renton Rd to correct geocoding errors in Ewa Beach. Spatially corrected Renton Rd since the road continued onto Oahu Railway instead of stopping at Kihi St. Deleted Park Row. Added segments for Oahu Railway.
	04/30/13		Corrected street suffix for Aawa Dr. Updated street name from Pupukea Paala Uka Rd to Paala Uka Pupukea Rd in Sunset and Wahiawa. Split segment of Kam Hwy at Sunset/Haleiwa boundary.
	04/25/13		Split Kam Hwy at the boundary between Sunset and Haleiwa
	04/24/13		Added MSAG Community of Sunset to the Phase IV project. Corrected Street Centerlines in Sunset to new MSAG Community Name.
	04/18/13		Corrected names for Funston Rd and Kaua St in Moanalua V.
	04/17/13		Snapped Waipuna Ave to boundary between Police Beat 360 and 370.
	04/16/13		Split Farrington Hwy at Maili border and split Paakea Rd at Maili border.
			Calculated cost for routing information. Corrected parity issues. Verified record ID 872225 Kaipoi St is not valid.
	04/15/13		Corrected MSAG Community Name of Maili and corrected gaps and overlaps. Updated metadata.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	04/11/13 -- 04/12/13		Added new developments identified from latest DPP maps. Worked on adding census tract data.
	04/04/13		Deleted two (2) segments on Center Dr in Hale Moku that were in the middle of a valid street range. Deleted Casablanca St and corrected ranges on Old Fort Weaver Rd. Populated Street Owner information for the TriTech centerline export at the request of Mike Ito from HPD Stats.
	04/03/13		Flipped ranges for Kaonohi St and Bennington St and deleted bogus segment on Keana Rd. Corrected gaps on Wilikina Dr.
	04/02/13		Worked on overlap issues and error overrides. Continued work on the tract census data inputs.
	04/01/13		Added new street segments in new Awakea at Mehana development and spatially corrected segments for Aawa Dr due to routing issues.
			Populated the census tract date at the request of EMS. Eliminated the Point in Polygon ((PnP).
	03/25/13		Snapped Kamakila to Renton Rd intersection
	03/21/13		Corrected street ranges for Kam Hwy on Kipapa Bridge. Split segments at the MSAG Community boundary.
	03/20/13		Spatially corrected street segments of Farrington Hwy toward Kaena Point
	03/18/13		Corrected MSAG Community name for streets in the new MSAG Community of Makaha. Split Kaulawaha Rd at the MSAG Community boundary.
	03/14/13		Extended Ala Puumalu street segment to correct geocoding errors
			Split E H1 FWY, W H1 FWY, and E Moanalua FWY segments at the Police Beat boundaries
			Corrected gaps on Moanalua Rd in Pearl City and on Arizona Rd in Halsey T. Corrected ranges on Beach Walk in order to correct an error identified in the TCAD report.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	03/13/13		Created an ingress segment on Halawa Valley St in order to resolve geocoding and addressing discrepancies with the DOT Halawa Field Ofc.
	03/12/13		Updated the MSAG Community attributes for street segments in the Kahuku RNG MSAG community
	03/11/13		Made corrections to Koolau Rd in Punaluu. Spatially corrected the endpoint for the south section, split the segment at the intersection of Koolau and Puhuli St, delete ID 500040 and 33694, and split Kam Hwy segment to connect the intersection.
			Flipped segment of Bougainville that was a one-way street and corrected the one-way codes in the attributes to reflect the update
	03/07/13		Flipped odd and even street ranges on Makaai St which was drawn correctly but attributed incorrectly.
	03/06/13 -- 03/08/13		Populated the new City Codes. Added new County and State Codes to the attributes. Populated the new EMS Response Area information to the attributes. These actions are in support of the TriTech CAD upgrade.
	03/01/13 -- 03/04/13		Corrected MSAG Community names in Punaluu. Corrected MSAG Community name and flipped segments on Radford Dr.
	02/28/13		Corrected error with right attributes on Kilihau St causing a verification error in the Training CAD
			Spatially corrected segments at Mekia St/Kakaina St. Confirmed the intersection should be connected.
			Split W H1 NIMITZ ON at Police Beat Boundary
			Split W H1 FWY segments at all Police Beat Boundaries
			Split Bougainville Dr at Police Beat Boundary
	02/22/13		Removed bogus street segment for Marmon St

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	02/20/13		Made corrections to segment gaps in Aiea
	02/12/13		Corrected endpoint at Puna St and Kua St due to border issues with HFD Response Areas
	02/08/13		Updated metadata
	02/07/13		Split street segments at police beat boundaries on Kapolei Pkwy
	02/06/13		Corrected all street segments in the Pearl City Peninsula community to the new community name of PC Pen.
	02/05/13		Corrected ranges on Waikoae Rd and removed bogus segment
			Cut Paalaa Uka Pupukea Rd at border to military property
			Corrected elevation information for segment of Kunia Rd that intersects with Farrington. HPD reported that they were having a routing issue at this underpass.
	01/25/13		Removed bogus street segment merging from Olomea St onto H1 crossing a median
			Corrected additional gaps on Manoa Rd identified in GIS Corrections log from HPD
			Spatially corrected the street centerlines for White Plains Rd and Barbers Point Kings in order to correct the geocoding discrepancy with White Plains Bch. Removed any additional street segments.
			Corrected discrepancies from the HPD GIS Corrections list
	01/22/13		Identified valid gaps on Noelani St, Kuokoa St, Kuleana Rd, and Kuahaka St in Pearl City. Corrected Street Name Suffix for Philippine Sea Rd in Kalaeloa.

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Street Centerlines (continued)	01/18/13		Corrected gaps in Aiea
	01/17/13 -- 01/18/13		Corrected gaps in Pearl City
	01/16/13		Added a field to the Master Street Centerlines in order to identify "true" exceptions from the MSAG database compare such as freeways and ingress segments
			Added Street Ownership field to the attributes and populated City, Federal, Ingress, Private, and MSAG streets
	01/11/13		Split ten (10) street segments on H1 where crossing police boundary at Pearl City borders and assigned new Akimeka Unique ID
			Added street ranges to thirteen (13) street segments on Kikani St in Halawa. These were previously blank-to-blank ranges.
			Completed creating the Ko Olina Exit in Kapolei. Edited the elevation attributes to identify overpasses and underpasses for routing purposes.
	01/10/13		Split Waipuna Ave at Police Beat boundary
			Created new on ramp and off ramp at Aliinui Dr and Farrington Hwy for Ko Olina Exit. Modified segment ranges since there are nineteen (19) new street segments that make up the merging lanes, lane splits, ramps and overpasses.
	01/09/13		Corrected ranges for Nou St in Makakilo due to bad addressing in the Makakilo Cliffs apartment complex
	01/08/13		Split street segments crossing Police boundaries in Pearl City, Kapolei and Waipahu
			Corrected segments at a new boundary between Pearl City and Waipahu
			Corrected a segment break on Lusitana St which was creating a routing issue
	01/02/13		Corrected gaps on streets in Pearl City

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Trails			
	08/19/13		Removed special character and corrected the name of one (1) Hiking Trail record
	08/15/13		Removed special characters from seventy-five (75) Hiking Trail records and corrected the name of sixty-seven (67).
WSP Cell Sectors			
		12/30/13	
		12/23/13	
		12/16/13	
		12/09/13	
	12/09/13		Per AT&T CRS
	12/06/13		Per VZW CRS
	12/05/13		Per AT&T CRS
	12/03/13		Per AT&T CRS
		12/02/13	
		11/26/13	
	11/22/13		Per T-Mobile CRS
		11/18/13	
		11/12/13	
		11/04/13	
		10/28/13	
	10/25/13		Per T-Mobile CRS
	10/23/13		Per AT&T Mobility CRS
		10/21/13	
	10/21/13		Per AT&T Mobility CRS
	10/15/13		Per AT&T Mobility CRS
		10/15/13	
		10/09/13	
	10/02/13		Per AT&T Mobility CRS
		10/01/13	
	09/27/13		Per AT&T Mobility CRS

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** Date Created/ Edits Performed	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
WSP Cell Sectors		**09/23/13**	
	09/17/13		Per VZW CRS
		09/16/13	
	09/12/13		Per Sprint CRS
		09/09/13	
		09/04/13	
	08/27/13		Per VZW CRS
		08/26/13	
	08/26/13		Per T-Mobile CRS
			Per VZW CRS
	08/23/13		Per AT&T Mobility CRS
		08/19/13	
	08/14/13		Per VZW CRS
		08/13/13	
	08/05/13	**08/05/13**	Per VZW CRS
		07/30/13	
	07/25/13 -- 07/26/13		Per AT&T Mobility CRS
		07/22/13	
	07/18/13		Per AT&T Mobility CRS
			Per Nextel CRS/Annual Audit
		07/15/13	
	07/10/13		Per Sprint CRS
		07/08/13	
	07/05/13		Per Sprint CRS
	07/03/13		Per Mobi PCS CRS
		07/01/13	
		06/24/13	
	06/20/13		Per VZW CRS
		06/17/13	
	06/10/13	**06/10/13**	Per VZW CRS
	06/05/13		Per VZW CRS
		06/03/13	

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
WSP Cell Towers			
		12/30/13	
		12/23/13	
		12/16/13	
		12/09/13	
	12/09/13		Per AT&T CRS
	12/06/13		Per VZW CRS
	12/05/13		Per AT&T CRS
	12/03/13		Per AT&T CRS
		12/02/13	
		11/16/13	
	11/22/13		Per T-Mobile CRS
		11/18/13	
		11/12/13	
		11/04/13	
		10/28/13	
	10/25/13		Per T-Mobile CRS
	10/23/13		Per AT&T Mobility CRS
		10/21/13	
	10/21/13		Per AT&T Mobility CRS
	10/15/13		Per AT&T Mobility CRS
		10/15/13	
		10/09/13	
	10/02/13		Per AT&T Mobility CRS
		10/01/13	
	09/27/13		Per AT&T Mobility CRS
		09/23/13	
	09/17/13		Per VZW CRS
		09/16/13	
	09/12/13		Per Sprint CRS
		09/09/13	
		09/04/13	

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
WSP Cell Towers	08/27/13		Per VZW CRS
		08/26/13	
	08/26/13		Per T-Mobile CRS
			Per VZW CRS
	08/23/13		Per AT&T Mobility CRS
		08/19/13	
	08/14/13		Per VZW CRS
		08/13/13	
	08/05/13	**08/05/13**	Per VZW CRS
		07/30/13	
	07/25/13 -- 07/26/13		Per AT&T Mobility CRS
		07/22/13	
	07/18/13		Per AT&T Mobility CRS
			Per Nextel CRS/Annual Audit
		07/15/13	
	07/10/13		Per Sprint CRS
		07/08/13	
	07/05/13		Per Sprint CRS
	07/03/13		Per Mobi PCS CRS
		07/01/13	
		06/24/13	
	06/20/13		Per VZW CRS
		06/17/13	
	06/10/13	**06/10/13**	Per VZW CRS
	06/05/13		Per VZW CRS
		05/28/13	
	05/22/13 -- 05/23/13		Per AT&T Mobility CRS
		05/20/13	
		05/13/13	
	05/09/13		AT&T Mobility Annual Audit
		04/29/13	
		04/22/13	

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
WSP Cell Towers	04/19/13		Corrected Tower IDs
	04/18/13		Per AT&T Mobility CRS
	04/17/13		AT&T Mobility Annual Audit
	04/16/13		Per AT&T Mobility CRS
	04/15/13	**04/15/13**	Per Sprint CRS
			Per AT&T Mobility CRS
			Per VZW CRS
	04/12/13		AT&T Mobility Annual Audit
	04/04/13		Per VZW CRS
	04/01/13 -- 04/02/13		VZW Annual Audit
		04/01/13	
	03/25/13	**03/25/13**	T-Mobile Annual Audit
			Per AT&T Mobility CRS
	03/22/13		Per VZW CRS
	03/20/13		Corrected Community Name for Sprint towers
		03/18/13	
	03/05/13		Per AT&T Mobility CRS
			Per VZW CRS
			Nextel Annual Audit
	03/04/13		Per VZW CRS
	03/01/13		Sprint Annual Audit
	02/27/13		Per Sprint CRS
	02/22/13		Per AT&T Mobility CRS
	02/20/13		Per AT&T Mobility CRS
	02/07/13		Per Mobi PCS CRS
	02/04/13 -- 02/05/13		Per VZW CRS
	01/29/13		Mobi PCS Annual Audit
	01/28/13		Per VZW CRS
	01/25/13		
	01/25/13		Per Mobi PCS CRS
	01/18/13		Per T-Mobile CRS
	01/18/13		Per VZW CRS
	01/15/13		
	01/04/13		

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
OTHER SUPPORTING 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Churches			
Gas Stations			
Food & Beverage			
Hospitals			
	08/16/13		Removed special characters from eight (8) Hospital records. Deleted and re-created Kaiser Kahuku Clinic record with complete attributes.
Lodging			
Medical Facilities			
Ocean Rescue Boundaries			
Ocean Safety (Includes Lifeguard Stands)			
	08/19/13		Removed special characters from five (5) Lifeguard Tower names and a trailing space from one (1) name.
Dive Locations	11/29/13		Converted two (2) KMZ files per Ocean Safety into DiveLocation and SurfBreak shapefiles respectively.
	10/31/13		Populated metadata and attributes for Dive Locations and removed special characters from eight (8) names
			Parsed out Dive Locations by County for the State of Hawaii
	10/28/13		Created a Dive Locations shapefile in support of Ocean Safety operations

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
OTHER SUPPORTING 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Surf Breaks			
	11/29/13		Converted two (2) KMZ files per Ocean Safety into DiveLocation and SurfBreak shapefiles respectively.
	11/22/13		Spatially corrected eighteen (18) SurfBreak locations per Ocean Safety. Reviewed and corrected comments that were inconsistent.
	11/19/13		Added twenty-four (24) new locations to SurfBreaks per Ocean Safety. Removed special characters from four (4) names.
	10/10/13		Added new Surf Break locations to the Surf Breaks layer created for Ocean SafetyAki Beach CoveGreen LanternsKeeau'sKlausmeyers
	08/20/13		Created based on GPS coordinates provided by Ocean Safety
Parcels			
Parks (Includes National Parks)			
	08/19/13		Removed special character from forty-six (46) Park names
Parks Polygon			
Post Offices			
Subdivisions			

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
DISASTER/HOMELAND SECURITY LAYERS (Listed Alphabetically)			
Airports			
Bridges			
Coastline			
Coastal Names			
Critical Infrastructure			
Emergency Shelters			
Government Buildings			
Helipads			
Hydrology Layers			
- Dams			
	08/16/13		Removed special characters from six (6) Dam records
- Ponds			
- Streams (Includes Rivers)			

- **Geographic Information System (GIS)** **(continued)**

Mapping Layers Updated – Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

OAHU CIVILIAN			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Uploaded to ftp Site**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
DISASTER/HOMELAND SECURITY LAYERS (Listed Alphabetically)			
- Waterfalls			
Tsunami Evacuation Zones			
Tsunami Roadblocks			
United States National Grid			
Volcano Hazard Zones			
Wharfs			
SPECIAL REQUESTS			
Tow Boundaries			
	07/03/13		Created a new Tow Boundaries layer that follows the Police District boundaries based on an agreement that was made in November 2012 but not provided to Akimeka. The tow company's have yet to be identified, however, the zones have been approved by HPD PMT.
	06/14/13		Corrected names to LAW (Leeward Auto Wreckers)
	05/16/13		Reviewed boundaries and corrected nine (9) overlaps for Tow Boundary TZ08.
	04/22/13		Deleted the original Tow Boundaries feature class and created a new feature class with the corrected Tow Boundaries containing the updated coastlines.
			Validated topology on tow boundaries. Marked three (3) errors as an exception and corrected five (5) overlaps.
	04/16/13 -- 04/22/13		Corrected tow boundaries based off of the updated coastline layer.

- **Geographic Information System (GIS) (continued)**

Police Beats Corrections

Background

The Police Beats was previously identified as a layer requiring corrective action in preparation for the ESZ/ESN project and ensuring spatial accuracy.

Subsequent to the Police Beat corrections that took place during the month of August 2013, upon loading the GIS data for Street Centerlines in the current Motorola Premier CAD, HPD PMT confirmed that there were no issues with regards to the CAD system recommendations. HPD PMT also reviewed the Police Beats corrections worksheet and confirmed that there were no issues with the document. As such, Akimeka proceeded to make corrections to the Police Beats layer utilizing HPD's written Policies and Procedures document for boundary descriptions.

Status To Date

Based on HPD PMT's confirmation, Akimeka continued to make corrections to the Police Beats during the month of December 2013. Akimeka completed an additional two (2) Police Beats (252 and 250) boundary corrections which completes all corrections required for District 2 (Central Oahu).

Upload Process

It was agreed that the Police Beats layer will not be uploaded to the current Motorola CAD system and will only be uploaded to the new Motorola PremierOne CAD system. Although the Police Beats layer (with the corrections) will not be uploaded to the current CAD system, the Street Centerlines are impacted by these boundary updates.

As such, Akimeka assisted with creating a new upload process which mirrors a step similar to the updates with the MSAG Communities. The new process was run successfully in November 2013, and has been successful throughout December 2013. In addition, the new upload process for the Premier CAD, also resolved other discrepancies with recommendations which were previously identified. It was agreed that this new process will be implemented and used going forward. Subsequent to this process improvement, there have been no issues and the Police Beat corrections project continues to move forward.

- **Geographic Information System (GIS) (continued)**

Motorola PremierOne CAD

On December 4, 2013 HPD, Akimeka and Motorola met to hold discussions with regards to GIS data and the Premier One CAD system.

Prior to the December 4, 2013 meeting, a discrepancy was identified by HPD with address validation in Premier One, where subsequently Motorola identified some discrepancy with regards to Zip Code attributes in the Street Centerline data causing an issue with address validation. Once it was brought to Akimeka's attention, they performed the necessary research and analysis of the data and determined the incorrect zip codes were existent in the old zip code layer and were being geoprocessed during the upload process in the current CAD, causing the incorrect attribution. The layer had since been corrected using the new Zip Code layer Akimeka had created earlier in 2013.

Also prior to the December 4, 2013 meeting Akimeka stated that the data for Premier One CAD has been in State Plane as requested by Motorola last year, and since that time Akimeka has identified major discrepancies in the system using this coordinate system in Premier One and brought this to HPD and Motorola's attention. Motorola agreed with the concerns on December 4, 2013 and requested that it be delivered in WGS84 moving forward, which was Akimeka's original recommendation in 2012 which at that time was declined by Motorola.

In preparation for the December 4, 2013 meeting, Akimeka prepared the latest GIS data to be uploaded in the Premier One CAD.

1. Potential routing issues were identified by Motorola during the December 4, 2013 meeting. Motorola stated that when routing, there is a 40FT buffer that is applied. When Address Points and Common Places are placed outside of that 40ft buffer from Street Centerlines, routing may come up as unavailable.

    a. Akimeka noted that the NENA industry standard for spatial accuracy is for addresses to be spatially accurate by 10FT, and Akimeka follows the guidelines set forth by NENA with regards to 911 addressing. If structures which lie outside of this 40ft buffer create discrepancies with routing, this is a system limitation not an industry limitation with addressing.

        1)Motorola acknowledged understanding.

2. Motorola requested validation of GIS accuracy and reviewed examples during the December 4, 2013 meeting.

    a. A select number of Address Points and Common Places chosen by Motorola were reviewed.

    b. GIS data was confirmed valid by both HPD and Akimeka. Examples that were provided were specific points located in communities that have yet to be corrected in accordance to the Spatial Accuracy Sweep. All such discrepancies will be resolved once the sweep is performed. The current correction process, as agreed with the Honolulu PSAPs is to correct addressing in a counter clockwise pattern around the island.

Motorola PremierOne CAD (Continued)

c. Using the example Motorola provided, HPD confirmed that two points with different addresses can share the same geographic coordinates because in many cases it indicates that the establishment in that location has two different entrances and that it is not an issue.

   1) Akimeka further noted that it is helpful to have two different points identifying that there are two different entrances.

d. HPD noted that there can be multiple establishments with the same address and geographic coordinates because individual businesses can be located within larger facilities.

e. Akimeka stated that exceptions also exist within areas such as shopping centers where multiple addresses may fall in different locations.

f. Motorola, HPD, and Akimeka all agreed that Address Points and Common Places should be placed in the same X, Y geographic coordinates for points that reflect the same address and are of the same location. Exceptions may include addresses located at the same establishment and locations in shopping centers.

3. Source of MSAG Community names in the Street Centerline data.

   a. Motorola noted that the Premier One data does not match the MSAG Community names identified within the Street Centerline data in Premier CAD.

   b. Akimeka confirmed that the data is not supposed to match what is currently in the Premier CAD. HPD requested that Akimeka prepare all data for Premier One CAD to include the new MSAG Communities so that when the Premier One CAD goes live the data is ready to go. The current CAD is undergoing a sweep, so that MSAG Communities can be updated one at a time and synchronized with changes in the MSAG. The synchronized GIS data is then uploaded on a bi-monthly basis and timed for when the changes are to take place in the ALI feed.

      a. Motorola was unaware that this synchronized effort is taking place and that Akimeka also synchronizes the MSAG database with the GIS data.

   c. Motorola, HPD, and Akimeka concluded that by unselecting MSAG Community in Premier CAD it prevents the incorrect “Cities” in the City layer from going through during uploads. This process was previously worked into the Premier CAD Upload Process under Motorola’s discretion. Based on previous discussions, the feed will be turned on prior to the March 3, 2014 live date only for testing purposes. Once the ALI feed is turned on, all MSAG and Street Centerline data will be complete and updated.

4. Motorola requests that roads such as private driveways and routes within parking lots go in for routing to assist Public Safety officials.

   a. Akimeka confirmed that ingress and egress data is already present with the Street Centerline layer.

   b. Motorola suggested that ingress and egress roads should not be added directly into the Street Centerline layer that is being sent up to the CAD because it will create false intersections and low and high cross street issues that will cause inaccurate addressing.

c. Akimeka agreed to remove all ingress and egress data from the Street Centerline layer that goes to CAD for address validation. Akimeka will create a new GIS layer strictly for routing purposes which includes the ingress and egress roads.

d. HPD stated that these ingresses and egresses have been included in the current CAD and routing at the intersections of established streets has not been an issue.

e. Akimeka confirmed that HFD has also been utilizing the ingress and egress roads to maneuver in and out of shopping centers with their fire vehicles. Akimeka also noted that there are plans to work with the PSAPs to come up with naming standards for these private roads but for now they are being identified by generic names named after the shopping centers.

5. Map Display - Motorola emphasized that the PremierOne CAD is visual and predicts that the PSAPs will begin to rely heavily on the visual aspects. Therefore, all visual discrepancies or improvements should be worked out now, prior to the PremierOne go-live date to present a better display that is more user-friendly.

    a. Motorola pointed out the difficulty of reading the labels when multiple Common Places share the same geographic coordinates and suggested inserting aliases into the data so that only one location or address is represented in the map display for ease of visualization.

    b. HPD and Akimeka both agreed that some Common Place points are aliases but that some should not be inserted into the data as aliases because they are separate stand along entities that share the same location.

        1) Motorola suggested that HPD utilize aliases if possible.

    c. Motorola suggested an option of converting all the labels to annotation but acknowledged the fact that doing so would be very labor intensive.

6. Akimeka brought to Motorola's attention that during previous PremierOne CAD uploads, the data and map display being uploaded did not correspond. Akimeka believes that the map is pulling from a local server instead of the map server. Both need to be updated alongside the data.

    a. Motorola concluded that the data should be re-sourced to the map server. In addition, that when changing the source, the .mxds will also have to corresponding change.

7. Akimeka brought to Motorola's attention that HPD could not complete the last PremierOne upload of GIS data because of an issue with the Network Dataset Parameters xml file.

    a. In reviewing the Street Centerline attribute table, Motorola identified that the street names were not parsed out. In a previous meeting with HPD and Motorola in October 2012, it was agreed that Akimeka will concatenate the street names within the Street Centerline layer.

b. Motorola edited target sources relating to street names and cost, within the Network Dataset Parameters xml file, to account for the street name concatenation change that was agreed and performed on in October 2012.

    1) Motorola noted that this change only has to be performed once.

8. Akimeka requested information from Motorola on best means for going about managing the alias tables are.

    a. Export the aliases in an excel file, make the necessary changes, create a new table geodatabase and then use that table to open in ArcMap and delete the contents because you don't want the table that is already populated, it will create duplicates.

    b. Take the Common Place layer and import the points to a Common Place Alias table, you will see aliases in Street Centerlines and Common Places. It is matched by the Name field, Address field, and Community field. If none of those fields match then no alias will be inputted.

    c. If exporting into a .dbf file then all column names and sizes need to be checked for consistency.

9. Motorola re-sourced the maps to the correct map server. HPD and Akimeka completed the PremierOne upload.

    a. Layer names and geodatabase sources were edited and updated.

    b. Motorola concluded that any edits that are going to be made to the map display need to be completed before the PremierOne CAD training and before the PremierOne CAD goes live.

In order to assist with preparation of the GIS data and tables for Premier One, using the extract of Common Place aliases, Akimeka performed an analysis of the PremierOne alias table on December 20, 2013 against the GIS data to identify any discrepancies between the two sets of information. Akimeka identified discrepancies among the Common Place names, addresses, and cities; all of which must have an identical match in order to effectively work together.

1. On December 20, 2013, Akimeka provided HPD with the results of the comparison and identified a correction process that may assist with cleaning the alias information.

    a. Agreement between HPD and Akimeka was made to review the discrepancies in January 2014 to decide on the best approach prior to the cleanup effort.

    b. Once the priorities are agreed to and established, Akimeka will assist HPD with cleaning up the aliases to ensure proper assignment in the PremierOne CAD.

• Geographic Information System (GIS) (continued)

Ocean Safety Requirements

Subsequent to Akimeka's meetings with Ocean Safety, Akimeka continued to work on Ocean Safety's layers in order to assist with Ocean Safety's dispatch and response operations. In addition to all of Akimeka's priorities and deliverables, Akimeka completed all items identified during the initial kickoff meeting. Since September 2013, Akimeka has worked with Ocean Safety in a continued effort to make any additions or corrections to the Ocean Safety layers in order to move the project along.

1. On December 3, 2013, after converting the KMZ files provided by Ocean Safety, Akimeka requested permission to align all existing Ocean Safety data inside the GIS to match coordinates already established in the KMZ files.
    a. Ocean Safety approved Akimeka's request to proceed.
    b. Ocean Safety noted progress on the Ocean Safety Response Areas and confirmed that the data will include an Ocean Safety naming convention along with boundary descriptions.
    c. Ocean Safety will submit the Ocean Safety Response Areas to Akimeka as they develop.
2. On December 12, 2013, Akimeka performed corrections needed for existing Surf Breaks as requested by Ocean Safety. In addition, Akimeka aligned all Surf Break coordinates inside the GIS with those in the KMZ files as agreed upon. No updates or corrections were needed for Dive Locations.
    a. Akimeka identified Surf Breaks in the GIS that do not currently exist in the KMZ file, found conflicting Surf Break names, and possible duplicates.
    b. To remain compliant with NENA standards, Akimeka removed all special characters in the Surf Break and Dive Location layers. Special characters were replaced by spaces and in some cases names were spelled out as needed.
3. On December 18, 2013, Akimeka added the third batch of coordinates to the Surf Breaks layer that were not previously added. In addition, Akimeka created the Ocean Safety Response Area template in preparation for the Ocean Safety Response Areas layer.
    a. Upon completion of the latest Surf Break coordinates, Akimeka provided Ocean Safety with questions regarding conflicts found between the GIS and KMZ files along with updated Surf Break coordinates.

During the month of January 2014, Akimeka will await Ocean Safety's response about the updated coordinates and questions regarding conflicts found between the GIS and the KMZ files. Akimeka plans to add new Surf Breaks and/or Dive Locations per Ocean Safety's request as part of an ongoing effort for this project. Pending additional information from Ocean Safety, Akimeka also plans to begin the creation of Ocean Safety Response Areas in January 2014.

Intrado PowerMap Upload

On December 27, 213, email correspondence was held between Akimeka and Intrado in order to establish a GIS data deliverable and schedule for the new PowerMap mapping system at each Honolulu PSAP. Previous discussions were held in September and October 2013 relating to this upload process however at the time HPD and Akimeka were concerned that shipment of a CD was probably not the best means of file transfer available, given the confidential and proprietary nature of the data delivered.

1. On December 27, 2013, Akimeka agreed to have GIS data available by the following Friday, January 3, 2014.
    a. Akimeka will prepare an ftp login for Intrado to access the GIS data and prepare the upload for PowerMap by January 3, 2014.

SPAWAR Meeting on Addressing for MCBH

There has been no further information or correspondence with regards to this project.

Oahu Civilian E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Geographic Information System (GIS)** **(continued)**

Street Utility Check

This is an ongoing project to correct the errors identified. A comparison of the raw CAD generated report from the Street Check Utility was performed between the Street Centerline GIS data delivered on November 29, 2013 and December 31, 2013. Below are the results of the comparison.

	11/29/13	12/31/13	Improvement/ Comments
Total Number of GIS Records	**26968**	**26,967**	**Removed one (1) record**
Errors Identified			
Zero Errors	1,382	1,378	Further reduced errors by .3% (4 errors)
Low > High Errors	0	0	No Change
Mixed Parity Errors	0	0	No Change
Changed Parity Errors	0	0	No Change
Address Gap Errors	1,067	947	Further reduced errors by 11.2% (120 errors)
Address Overlap Errors	0	0	No Change
Flipped Link Errors	611	612	Increased errors by .2% (1 error)
Total Errors	**3,060**	**2,937**	**Further reduced errors by 4% (123 errors)**

In addition to Akimeka's internal validation tools, Akimeka will continue to utilize the various CAD reports to further identify and correct the multitude of discrepancies in the GIS data. This is an ongoing and routine process which Akimeka has been using to improve the accuracy of the GIS data for Public Safety.

Akimeka plans to continue its work effort to complete corrections of the discrepancies identified and/or identify any valid exceptions which Akimeka will tag with the proper information so the CAD system will accept the record(s) and not jeopardize the full functionality of the CAD system from the upload to RMS. Akimeka plans to complete all Street Utility Check errors prior to the implementation of the Motorola PremierOne CAD "go live" date.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations**

9-1-1 Call Volume – December 2013

PSAP	Total	Wireline	%	Wireless	%
MAUI (*)	8,920	2,689	30.1%	6,231	69.9%
MOLOKAI	289	168	58.1%	121	41.9%
MAUI COUNTY	9,209	2,857	31.1%	6,352	68.9%

(*) Totals are based on calls to Primary PSAP.

9-1-1 Call Volume – Calendar Year 2013

MAUI PSAP		TOTAL PSAP 9-1-1 CALL VOLUME							
		Wireline		Wireless		Admin		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned of Total
December	8,920	2,689	30.1%	6,231	69.9%	0	0.0%	1,459	16.4%
November	7,772	2,346	30.2%	5,425	69.8%	1	0.0%	1,110	14.3%
October	8,367	2,510	30.0%	5,855	70.0%	2	0.0%	1,121	13.4%
September	7,786	2,458	31.6%	5,328	68.4%	0	0.0%	1,127	14.5%
August	8,058	2,615	32.5%	5,443	67.5%	0	0.0%	1,227	15.2%
July	8,502	2,795	32.9%	5,707	67.1%	0	0.0%	1,284	15.1%
June	8,282	2,623	31.7%	5,649	68.3%	10	0.1%	1,199	14.5%
May	8,828	2,809	31.8%	6,017	68.2%	2	0.0%	1,374	15.6%
April	8,030	2,402	29.9%	5,628	70.1%	0	0.0%	1,298	16.2%
March	8,484	2,668	31.4%	5,816	68.6%	0	0.0%	1,374	16.2%
February (1)	6,797	2,093	30.8%	4,703	69.2%	1	0.0%	1,146	16.9%
January	8,459	2,690	31.8%	5,768	68.2%	1	0.0%	1,240	14.7%
TOTAL YTD	**98,285**	**30,698**	**31.2%**	**67,570**	**68.8%**	**17**	**0.0%**	**14,959**	**15.2%**
AVG PER MO	**8,935**	**2,791**		**6,143**		**2**		**1,360**	

Note: *Total Calls include Administrative calls that are not direct 9-1-1 calls.*

(1) No statistics for February 4 – 7, 2013 due to relocation to alternate site at Civil Defense.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations (continued)**

9-1-1 Call Volume – Calendar Year 2013 (continued)

MOLOKAI PSAP		TOTAL PSAP 9-1-1 CALL VOLUME							
		Wireline		Wireless		Admin		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned of Total
December	289	168	58.1%	121	41.9%	0	0.0%	35	12.1%
November	247	128	51.8%	119	48.2%	0	0.0%	29	11.7%
October	289	152	52.6%	137	47.4%	0	0.0%	36	12.5%
September	238	148	62.2%	90	37.8%	0	0.0%	36	15.1%
August	266	157	59.0%	109	41.0%	0	0.0%	32	12.0%
July	247	143	57.9%	104	42.1%	0	0.0%	46	18.6%
June	243	146	60.1%	97	39.9%	0	0.0%	39	16.0%
May	328	177	54.0%	151	46.0%	0	0.0%	44	13.4%
April	254	150	59.1%	104	40.9%	0	0.0%	42	16.5%
March	339	189	55.8%	150	44.2%	0	0.0%	58	17.1%
February	213	140	65.7%	73	34.3%	0	0.0%	24	11.3%
January	262	147	56.1%	115	43.9%	0	0.0%	39	14.9%
TOTAL YTD	**3,215**	**1,845**	**57.4%**	**1,370**	**42.6%**	**0**	**0.0%**	**460**	**14.3%**
AVG PER MO	**292**	**168**		**125**		**0**		**42**	

Note: *Total Calls include Administrative calls that are not direct 9-1-1 calls.*

Notes:

(1) Total call volumes include Administrative calls. (Administrative calls = Calls made between 911 positions but are not 911 calls.)

(2) "Abandoned" calls represent the number of incoming 9-1-1 calls for which the caller had hung up before a call-taker answered.

(3) "Abandoned" calls are included in the "Wireline" and "Wireless" counts respectively. The standard CML reports do not provide a break-out of "Abandoned" calls between "Wireline" and "Wireless" calls.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations (continued)**

911 Call Volume Comparison 2012 - 2013 (Maui)

MAUI PSAP		TOTAL PSAP 9-1-1 CALL VOLUME							
		Wireline		Wireless		Admin		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned of Total
TOTAL YTD	98,285	30,698	31.2%	67,570	68.8%	17	0.0%	14,959	15.2%
AVG PER MO	8,935	2,791		6,143		2		1,360	

MAUI PSAP		TOTAL PSAP 9-1-1 CALL VOLUME							
		Wireline		Wireless		Admin		Abandoned	
2012	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned of Total
TOTAL YTD	95,659	31,077	32.5%	64,576	67.5%	6	0.0%	15,540	16.2%
AVG PER MO	7,972	2,590		5,381		1		1,295	

Call Center E9-1-1 Call Volume statistics for 2013 are **98,285** total calls; 30,698 (31.2%) Wireline and 67,570 (68.8%) Wireless. Total PSAP 9-1-1 Call Volumes increased by **2,626** in 2013 from 2012 – with Wireline calls further declining by 1.3% and Wireless calls increasing by 1.3%.

911 Call Volume Comparison 2012 - 2013 (Molokai)

MOLOKAI PSAP		TOTAL PSAP 9-1-1 CALL VOLUME							
		Wireline		Wireless		Admin		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned of Total
TOTAL YTD	3,215	1,845	57.4%	1,370	42.6%	0	0.0%	460	14.3%
AVG PER MO	292	168		125		0		42	

MOLOKAI PSAP		TOTAL PSAP 9-1-1 CALL VOLUME							
		Wireline		Wireless		Admin		Abandoned	
2012	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned of Total
TOTAL YTD	3,561	2,109	59.2%	1,452	40.8%	0	0.0%	507	14.2%
AVG PER MO	297	176		121		0		42	

Call Center E9-1-1 Call Volume statistics for 2013 are **3,215** total calls; 1,845 (57.4%) Wireline and 1,370 (42.6%) Wireless. Total PSAP 9-1-1 Call Volumes decreased by **346** in 2013 from 2012 – with Wireline calls further declining by 1.8% and Wireless calls increasing by 1.6%.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

Wireless Test – December 2013

Date	WSP	Island	Sites Tested	Sectors Tested	Tested By	Test Pass/Fail
12/12/2013	Sprint	Molokai	1	3	Molokai PSAP/Akimeka	Pass

Current Month PSAP Operations Activities – December 2013

12/9/2013 At the request of the Maui County MIS Division, a CVS file of the Maui Cell Tower data was created by Akimeka and sent to Susan Underwood of the MIS Division. This file is utilized in the Intergraph CAD Mapping system to plot the cell tower sector coverage area for Phase I type of wireless 911 calls.

12/15/2013 A Holiday "No Cell Tower/Sector Testing" period was scheduled between the PSAP and Wireless Service Providers for 12/15/13 to 01/04/14. Notification was sent on 11/07/2013.

2013 Wireless E9-1-1 Database has added/modified/deleted on **95** towers and **342** sectors to the Wireless E9-1-1 database this calendar year. Annual quality assurance audits on **166** towers and **810** sectors to the Wireless E9-1-1 database. The MSAG maintenance program provided **1131** MSAG Database transactions to the Maui County MSAG Database. A monthly average of **103**.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **MSAG**

Current Month – December 2013

2013		9-1-1NET REQUESTS									In Referred Status as of Report Month End (c)		In Suspended Status as of Report Month End (d)	
		MSAG TRANSACTIONS							ALI TRANSACTIONS					
PSAP	TOTAL	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected	County Address Change Request (TN CR) Processed (a)	ALI Discrepancy (ALI-DR) Processed (b)	TN CR	ALI-DR	# of Transactions	TNs Affected
MAUI COUNTY	214	87	60	7	6	6	8	1,696	127	0	214	0	0	0

A total of 214 MSAG transactions were processed during the month of December 2013. Eighty-seven (87) 9-1-1Net requests were processed relating to the Maui County MSAG database, with 1,696 customer ANI/ALI records updated as a direct result. 127 TN CR transactions were processed in 9-1-1Net for updates and corrections relating to the ESN 359/399 clean-up effort. Streets and address ranges were validated against the GIS to ensure synchronization and an MSAG valid address was provided to the Telco. TN CRs must be validated against HT records and approved by the end user HawaiianTelcom customer before updating the ALI record.

There are no ALI DR records in Referred status as of December 31, 2013.

There are 214 TN CRs in Referred status as of December 31, 2013.

The TN CRs in "Referred" status are a direct result of the ESN 359/399 clean-up and are awaiting approval from Hawaiian Telcom, Inc (HTI) and/or customer to update ALI records. No explanation has been provided as to why these TN CRs have not been corrected for 9-1-1 purposes. Akimeka continues to monitor and track the progress of Referred TN CRs.

There are no records in Suspended status as of December 31, 2013.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **MSAG (continued)**

Year-to-Date (YTD) – 2013

MAUI COUNTY		9-1-1NET REQUESTS									In Referred Status as of Report Month End (c)		In Suspended Status as of Report Month End (d)	
		MSAG TRANSACTIONS							ALI TRANSACTIONS					
2013	TOTAL	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected (*)	County Address Change Request (TN CR) Processed (a)	ALI Discrepancy (ALI-DR) Processed (b)	TN CR	ALI-DR	# of Transactions	TNs Affected
December	214	87	60	7	6	6	8	1,696	127	0	214	0	0	0
November	39	37	18	6	0	9	4	745	1	1	116	0	0	0
October	55	47	28	5	1	6	7	371	7	1	115	0	1	1
September	167	18	4	2	4	8	0	5	148	1	223	0	0	0
August (1)	109	14	1	0	4	9	0	8	95	0	108	1	0	0
July	32	13	1	0	5	5	2	19	13	6	42	1	0	0
June	44	26	10	4	5	6	1	209	15	3	27	0	0	0
May	172	48	16	2	23	4	3	250	123	1	35	12	0	0
April	72	52	19	0	27	5	1	295	18	2	27	12	0	0
March	120	35	6	1	14	14	0	33	79	6	28	11	0	0
February	44	39	9	1	17	12	0	44	5	0	29	11	1	1
January	63	61	11	0	43	6	1	405	2	0	52	18	0	0
TOTAL YTD	**1,131**	**477**	**183**	**28**	**149**	**90**	**27**	**4,080**	**633**	**21**				
AVG PER MO	**103**	**43**	**17**	**3**	**14**	**8**	**2**	**371**	**58**	**2**				

Note: *Revised categories and report format changes effective May 2012 with new Intrado TN CR functionality.*

(1) The Intrado 9-1-1Net was not available on August 20, 2013 from 12:00 p.m. – 12:30 p.m. (HST)

Definitions:	(a)	Represents address corrections on a specific TN or group of TNs. These "invalid" TNs usually have an associated ESN x99 attached to them which indicates the need for validation.
	(b)	Represents an address discrepancy discovered during a live 9-1-1 call. These record corrections are treated with a higher priority and should be processed within 48 hours as a general guideline.
	(c)	Represents correction requests that have been referred by Intrado to the appropriate service provider and is awaiting approval to be updated in 9-1-1Net.
	(d)	Represents correction requests that have been "paused" due to TN fallouts, range overlaps, or not having a valid address point. Intrado requires additional information from Akimeka/PSAP before the Telco approves the change.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
CALLER LOCATION				
Address Points	Maui	12/26/13		Spatially corrected eighty-one (81) address points in Paia and 163 in Lahaina
		12/1713	**12/23/13**	Spatially corrected one (1) address point in Kihei, thirty-three (33) in Waikapu and forty-four (44) in Wailea
		12/16/13		Spatially corrected seventeen (17) address points in Paia, five (5) in Waikapu and one (1) in Waiehu. Added one (1) address in Waikapu.
		12/13/13	**12/16/13**	Spatially corrected two (2) address points in Paia and one (1) in Pukalani.
		12/12/13		Changed one (1) address per DSA and spatially corrected thirteen (13) address points in Napili
		12/11/13		Added one (1) address per Maui Dispatch, spatially corrected one (1) address point in Kapalua, one (1) in Maalaea, and seventy-one (71) on Lanai.
		12/10/13		Spatially corrected 122 address points in Lahaina.
		12/09/13		Spatially corrected three (3) address points and corrected one (1) address in Lahaina. Spatially corrected twelve (12) address points and corrected one (1) address in Kula. Spatially corrected 117 address points and added one (1) address in Kihei.
		12/06/13		Added five (5) new addresses received from DSA, added four (4) addresses per MSAG and spatially corrected sixty-eight (68) address points in Kihei and one (1) in Pukalani
	Molokai			Added one (1) new address received from DSA and spatially corrected one (1) address point in Kaunakakai
	Maui	12/05/13		Spatially corrected four (4) address points in Kapalua and twelve (12) in Kahului. Added one (1) address in Kapalua.
		12/03/13		Spatially corrected one (1) address point in Haiku
		12/02/13		Spatially corrected ninety-four (94) address points in Wailuku and two (2) in Waiehu and corrected three (3) addresses in Wailuku.
	Maui	11/27/13		Spatially corrected seventy (70) address points and added two (2) address points in Wailuku
		11/26/13	**11/27/13**	Added two (2) common name places per Maui Dispatch
		11/25/13		Spatially corrected 128 address points in Lahaina, four (4) in Wailuku and one (1) in Kihei. Also added Neighborhood information for 127 address points in Lahaina.
		11/22/13		Added one (1) address received from DSA
		11/21/13		Spatially corrected fourteen (14) address points in Wailuku

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
CALLER LOCATION				
Address Points	Maui	11/20/13	**11/27/13**	Added six (6) addresses received from DSA. Corrected street name from Olua St to Olina St for two (2) addresses received from incorrect information provided by DSA the day prior.
	Molokai	11/20/13		Added one (1) address received from DSA
	Maui	11/19/13		Added three (3) addresses received from DSA. Filled in the ID for six (6) addresses
	Molokai			Added two (2) addresses received from DSA
	Maui	11/15/13		Added two (2) addresses received from DSA
	Molokai	11/13/13		Added one (1) address received from DSA
	Maui	11/8/13	**11/13/13**	Spatially corrected twenty-two (22) address points in Wailuku
		11/7/13		Spatially corrected sixty-seven (67) addresses in Wailuku. Added one (1) address received from DSA
		11/06/13		Did the following work in Wailuku: Spatially corrected 135 address points, added one (1) address received from DSA and corrected one (1) address.
	Maui	11/4/2013		Added four (4) addresses received from DSA
	Molokai			Added one (1) address received from DSA
	Maui	10/28/2013		Added two (2) common names per Maui Dispatch and verified three (3)
				Added two (2) common names per Maui Dispatch and verified three (3)
	Maui	10/24/13		Added five (5) common names and one (1) message requested by Maui Dispatch.
				Added two (2) addresses received from DSA. Spatially corrected five (5) address points in Makawao.
				Added one (1) address received from DSA.
	Maui	10/22/2013	**10/23/13**	Added three (3) addresses received from DSA, one (1) address from the DSA Address layer and spatially corrected six (6) address points.
	Maui	10/21/2013		Corrected four (4) Structure on wrong block in Haiku. Also corrected data which is required for the Intergraph CAD.
				Added two (2) addresses received from DSA, two (2) addresses from the DSA Address layer, corrected one (1) address per DSA and spatially corrected thirty-one (31) address points.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
CALLER LOCATION				
Address Points	Maui	10/18/2013	**10/23/13**	Corrected seven (7) Structure on wrong side of street and one (1) Structure on Wrong Block in Haiku.
				Added ten (10) addresses received from DSA and corrected one (1) address received from DSA. Added three (3) address from the DSA Address layer and spatially corrected thirty-two(32) addresses. These are ongoing projects.
	Maui/Molokai	10/17/2013		Corrected thirteen (13) no matching street range, three (3) no matching street name and seven (7) Structure on Wrong Side of Street in Haiku.
	Maui	10/16/2013		Corrected eight (8) no matching street range and one (1) no matching street name address in Haiku.
	Maui	10/11/2013		Added The Breakers as a common name for five (5) addresses
	Molokai	10/8/2013	**10/9/2013**	Spatially corrected one (1) address point in Kualapuu
				Added one (1) new address received from DSA. Added one (1) address in Maunaloa from the DSA Address layer. This is an ongoing project.
	Maui			Added six (6) new addresses received from DSA. Corrected one (1) address per DSA.
				Spatially corrected one (1) address point in Kahului, two (2) in Haiku and five (5) in Kihei
	Molokai	10/7/2013		Spatially corrected thirteen (13) address points in Kualapuu
	Molokai	10/4/2013		Added two (2) addresses per DSA
	Maui			Spatially corrected one (1) address on Lanai
	Maui	10/03/13		Added one (1) address in Kapalua from the DSA Address layer. This is an ongoing project.
	Maui	10/28/2013		Added two (2) addresses received from DSA
				Added two (2) common names per Maui Dispatch and verified three (3)
	Maui	09/27/13		Added two (2) addresses received from DSA -- one (1) in Waihee and one (1) in Paia.
	Maui			Updated six (6) common names for The Breakers, Lahaina, as requested by Maui Dispatch
	Maui	09/26/13		Added three (3) new addresses in Haiku, one (1) address in Kula, and two (2) addresses in Lahaina as received by DSA

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
CALLER LOCATION				
Address Points	Maui/Molokai		**09/25/13**	
	Maui	09/25/13		Changed the attribute data for sixteen (16) addresses affected by the Street Centerlines splits. This work is necessary for the Intergraph CAD. Addresses affected were on Hana Hwy, Hana, Hana Hy 360, Hana Hwy, Haiku, Hana Hy 360, Haiku, Kahekili Hwy, Wailuku and Piilani Hwy, Hana and Piilani Hy 31, Hana.
	Maui	09/24/13		Added The Breakers as a common name for five (5) addresses
	Maui/Molokai	09/18/13		Edited to meet Intergraph CAD requirements
	Maui/Molokai		**09/11/13**	
	Maui	09/10/13 -- 09/11/13		Added fourteen (14) addresses received from DSA
	Maui	09/03/13 --09/16/13		Added eight (8) addresses received from DSA and spatially corrected seven (7) address points
	Maui/Molokai		**08/28/13**	
	Maui	08/26/13 -- 08/30/13		Added six (6) new address points, corrected one (1) address point, and added seven (7) address points per DSA
	Maui/Molokai		**08/14/13**	
	Maui	08/09/13		Added one (1) address point per DSA
				Updated address for TMK 27012121 from 1770 Kauhikoa Rd to 1208 Kane Rd per DSA
				Deleted 210 Pico Tract Rd, Haiku per DSA
	Molokai	08/05/13		Updated address for TMK 257001003 back to 10249 KAMEHAMEHA V HWY per DSA request
		08/02/13		Added 10413 Kamehameha V Hwy, Kaunakakai, 10061 Kamehameha V Hwy, Kauanakakai, and 10263 Kamehameha V Hwy per DSA
	Maui	08/02/13		Added 2473 Upper Kanaio Rd, Kula, 204 Waipalani Rd, Haiku, and 1008 Anapuni PL, Kaanapali per DSA
				Updated 423 Kanai PLk Wailuku to 523 Kanai PL and added 523A Kanai PL, Wailuku per DSA
				Updated 17 Burns Rd, Haiku to 7 Maluaina Rd, Haiku from DSA
	Maui	07/31/13		Updated 0 Haleakala Hwy to 0 Science City Rd

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
CALLER LOCATION				
Address Points	Maui/Molokai		**09/25/13**	
	Maui	07/18/13		Added three (3) addresses received from DSA
	Maui	07/12/13		Added one (1) address received from DSA
	Maui/Molokai		**07/11/13**	
	Maui/Molokai		**06/26/13**	
	Maui	06/26/13		Made corrections to meet the Intergraph CAD requirements
	Maui	06/18/13 -- 06/27/13		Added ten (10) addresses received from DSA and seventy-two (72) addresses from the DSA Address layer. Added one (1) address and common name as requested by Maui Dispatch. This is an ongoing project.
	Molokai	06/17/13		Added one (1) address received from DSA
			06/12/13	
	Maui	05/31/13		Added multiple addresses from the DSA Address layer. This is an ongoing project.
	Maui	05/30/13		Made corrections to meet the Intergraph CAD requirements
				Corrected the street name for Pokakaa Loop, Kahului, per the Maui County Street Naming Authority
	Maui/Molokai		**05/29/13**	
	Maui	05/21/13 -- 05/28/13		Added 103 addresses from the DSA Address layer. This is an ongoing project.
	Maui/Molokai		**05/15/13**	
	Maui	05/07/13		Added and changed common name and added one (1) POI address point as requested by Maui Dispatch.
	Maui	05/06/13 -- 05/20/13		Added three (3) addresses received from DSA and 205 addresses from the DSA Address layer. This is an ongoing project.
	Maui	04/29/13		Added an alias common name, Maui Oral Health Center for 752 Lower Main St as requested by Maui Dispatch.
	Maui	04/26/13 -- 04/30/13		Added four (4) addresses received from DSA and forty-nine (49) addresses from the DSA Address layer. This is an ongoing project.
	Maui/Molokai		**04/24/13**	

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
CALLER LOCATION				
Address Points	Maui	04/23/13		Added multiple addresses from the DSA Address layer. This is an ongoing project.
	Maui	04/15/13 -- 04/22/13		Added 161 addresses from the DSA Address layer. This is an ongoing project.
	Maui/Molokai		**04/10/13**	
	Molokai	04/05/13 -- 04/15/13		Added ninety-one (91) addresses from the DSA Address layer. Added six (6) addresses received from DSA. Added ninety-seven (97) addresses from the MSAG ALI report. Added multiple addresses from the DSA Address layer and from the MSAG ALI report.
	Maui	04/02/13 -- 04/11/13		Added five (5) addresses received from DSA. This is an ongoing project.
	Molokai	04/01/13 -- 04/04/13		Added forty-one (41) addresses from the DSA Address layer. Added one (1) address received from DSA. Added sixty-nine (69) addresses from the MSAG ALI report. This is an ongoing project.
	Maui	03/29/13		Added one (1) address from the DSA Address layer. This is an ongoing project.
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
	Maui	03/25/12 -- 03/29/13		Added five (5) addresses received from DSA. Removed one (1) common place name as requested by Maui Dispatch.
	Molokai	03/15/13		Added new address received from DSA
	Maui/Molokai		**03/13/13**	
	Maui	03/08/13 -- 03/12/13		Added five (5) addresses received from DSA. Added two (2) common place names and corrected three (3) common place names as requested by Maui Dispatch
	Molokai	03/04/13		Added one (1) address received from DSA
	Maui	03/04/13		Added sixty (60) addresses from the DSA Address layer. This is an ongoing project.
	Maui		**02/27/13**	

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
CALLER LOCATION				
Address Points	Maui	02/15/13		Added data to meet Intergraph CAD standards
	Maui	02/14/13 -- 02/22/13		Added 236 addresses from the DSA Address layer. Corrected addresses using the DSA Address layer. This is an ongoing project.
	Maui/Molokai		**02/13/13**	
	Maui	02/11/13		Corrected the common name for all four (4) Ba Le Sandwiches as requested by Maui Dispatch and corrected other restaurant names in the Maui Marketplace and Lahaina Cannery Mall.
	Maui	02/08/13 -- 02/13/13		Added six (6) addresses received from DSA
	Molokai		**02/08/13**	
	Maui	02/07/13		Corrected street name to Leanihi Ln, Kihei
	Molokai	02/06/13		Added data to meet Intergraph CAD standards
	Maui	01/24/13 -- 01/28/13		Added twenty-one (21) addresses from the DSA Address layer. Added one (1) address from DSA. This is an ongoing project.
	Maui	01/24/13		Corrected data to meet Intergraph CAD standards.
	Maui		**01/23/13**	
	Maui	01/11/13 -- 01/23/13		Added sixty-six (66) and corrected nine (9) addresses from the DSA Address layer. Added four (4) addresses from DSA. Added twenty (2) addresses from the DSA Address layer and Kiva Net. Also added Common Names as requested by Maui Dispatch. This is an ongoing project.
	Molokai	01/11/13 -- 01/17/13		Added seven (7) addresses from the DSA Address layer. This is an ongoing project.
	Maui	01/10/13		Changed the location of one (1) POI Address Point and updated an alias Common Name as requested by Maui Dispatch.
	Maui/Molokai		**01/09/13**	
	Maui	01/03/13 -- 01/08/13		Added nineteen (19) and corrected eight (8) addresses from the DSA Address layer. Added one (1) address from DSA. Also corrected addresses on Ka Lei Pl, Makawao. This is an ongoing project.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
CALLER LOCATION				
Address Points	Molokai	01/02/13 -- 01/07/13		Added four (4) addresses from the DSA Address layer. This is an ongoing project.
	Maui	01/02/13		Added eighteen (18) addresses and corrected two (2) addresses from the DSA Address layer. Also added a Common Name. This is an ongoing project.
Emergency Callboxes	Maui		**05/07/13**	A special PowerMap update was performed at the request of T-Mobile and Maui Dispatch
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Fire Stations				
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Medic Stations	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Milepost Markers				
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Points of Interest (POI)	Maui/Lanai	12/13/13	**12/16/13**	Changed the name of one (1) hotel to Four Seasons Resort Lanai at Manele Bay
	Maui	11/25/13	**11/27/13**	Added two (2) subdivisions, Opukea at Lahaina and Hoonanea at Lahaina requested by Maui Dispatch
		11/19/13		Added The Parkways subdivision, added the address for Pomaikai Elementary, filled in the Neighborhood field for all subdivisions
	Molokai	10/15/13	**10/23/13**	Spatially corrected Kaunakakai Post Office
	Maui	09/24/13	**10/09/13**	Corrected a misspelled park -- Keonekai Park, Kihei
	Maui	08/29/13	**09/11/13**	Added Puu Kukui Elementary School

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
CALLER LOCATION				
Points of Interest (POI)	Maui/Molokai		**06/26/13**	
	Maui	06/18/13		Edited condominium names per SR#583
	Maui/Molokai		**04/24/13**	
	Maui	04/23/13		Added Waiola Church
	Maui/Molokai		**04/10/13**	
	Maui	03/29/13		Added Salvation Army Thrift Store as requested by Maui Dispatch
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
	Maui/Molokai		**03/13/13**	
	Maui	03/12/13		Added Tavares Bay as requested by Maui Dispatch
	Molokai			
	Maui	03/11/13		Separated from overlapping Lodging points. Also added Maui Preparatory Academy.
	Maui/Molokai		**02/13/13**	
	Maui	02/11/13		Corrected the common name for all four (4) Ba Le Sandwiches as requested by Maui Dispatch and corrected other restaurant names in the Maui Marketplace and Lahaina Cannery Mall.
	Molokai		**02/08/13**	
	Maui		**01/23/13**	
	Maui	01/22/13		Added Piikea Park as requested by Maui Dispatch
	Maui	01/18/13		Corrected an address for a restaurant
	Maui	01/11/13		Added two (2) Restaurants
	Maui/Molokai		**01/09/13**	
	Maui	01/09/13		Corrected an address for a restaurant
	Maui	01/02/13		Added one (1) Church
Police Stations	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
CALLER LOCATION				
Schools	Maui	08/29/13	**09/11/13**	Added Puu Kukui Elementary School
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Tsunami Evacuation Zones				
Tsunami Roadblocks	**N/A for Maui County**			
WSP Cell Towers	Maui	12/27/13		Per T-Mobile CRS
		12/10/13	**12/16/13**	Per SPPCS CRS
		12/06/13		Per VZW CRS
			11/27/2013	
	Maui	11/1/2013	**11/13/13**	Per Verizon CRS
			10/23/13	
			10/09/13	
	Maui/Molokai		**09/25/13**	
	Maui	09/23/13		Per VZW CRS
	Maui/Molokai		**07/24/13**	
	Maui	07/18/13		Per AT&T Mobility - decommission
	Maui/Molokai	07/18/13		Per Nextel CRS - decommission entire network
	Maui	07/16/13		Per Sprint CRS
	Maui/Molokai		**06/12/13**	
	Maui	06/10/13		Per VZW CRS
	Maui/Molokai		**05/15/13**	
	Maui		**05/07/13**	A special PowerMap update was performed at the request of T-Mobile and Maui Dispatch
	Maui		**05/02/13**	Performed a special PowerMap update at the request of T-Mobile
	Maui	05/01/13		Per T-Mobile CRS
				AT&T Mobility Annual Audit
	Maui/Molokai		**04/24/13**	
	Maui	04/16/13 -- 04/17/13		VZW Annual Audit

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
CALLER LOCATION				
WSP Cell Towers	Maui/Molokai		**04/10/13**	
	Maui	04/01/13		VZW Annual Audit
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
	Maui/Molokai		**03/13/13**	
	Maui	03/04/13		Nextel Annual Audit
	Maui	03/01/13		Sprint Annual Audit
	Maui		**02/27/13**	
	Maui	02/27/13		Per VZW CRS
	Maui	02/19/13		Corrected sector numbers
	Maui/Molokai		**02/13/13**	
	Maui	02/07/13		Per Mobi PCS CRS
	Maui	01/29/13		Mobi PCS Annual Audit
	Maui	01/16/13		Per VZW CRS
	Maui	01/11/13		Corrected X-Y coordinates for T-Mobile tower. Changed radiuses.
	Maui/Molokai		**01/09/13**	
	Maui	01/04/13		Per VZW CRS
DISPATCH AND RESPONSE				
ESZ/ESN				
	Maui	09/27/13		Updated ESZ 301, 305, 315, 327, and 328 boundaries
Fire Beats				
	Maui	09/27/13		Updated Eng 1 and Eng 3 Fire Beat boundaries
	Maui/Molokai		**06/26/13**	
	Maui	06/14/13		Updated coastline
	Molokai	06/13/13		Updated coastline
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
	Maui/Molokai		**02/13/13**	
	Maui	01/22/13		Changed to match corrected Coastline

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
DISPATCH AND RESPONSE				
Fire Districts				
	Maui	06/14/13		Updated coastline
	Molokai	06/13/13		Updated coastline
	Maui	01/22/13		Changed to match corrected Coastline
Fire Response Areas				
	Maui	09/27/13		Updated Fire Response Area 100 and 301 boundaries
	Maui	06/14/13		Updated coastline
	Molokai	06/13/13		Updated coastline
	Maui	01/22/13		Changed to match corrected Coastline
MSAG Communities (aka Towns)				
	Maui	06/14/13		Updated coastline
	Molokai	06/13/13		Updated coastline
	Maui	03/04/13		Corrected topology errors
Medic Beats				
	Maui	09/27/13		Updated Medic Beat 1, 4 and 15 boundaries
	Maui	09/11/13		Updated Medic Beat 1 and Beat 3 boundaries to create new Medic Beat 15
Medic Response Areas				
	Maui	06/14/13		Updated coastline
	Maui	01/22/13		Changed to match corrected Coastline
Ocean Rescue Boundaries				
	Maui/Molokai		**06/26/13**	
	Maui/Molokai	06/18/13		Edited to fit coastline
	Molokai	06/13/13		Updated coastline
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
DISPATCH AND RESPONSE				
Police Beats				
	Maui	09/27/13		Updated Police Beats 4 - 10, 6 - 40, and 1 - 12
	Maui/Molokai		**06/26/13**	
	Maui	06/14/13		Updated coastline
	Molokai	06/13/13		Updated coastline
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
	Maui/Molokai		**02/13/13**	
	Maui	02/08/13		Corrected boundary between Beat 12 & 21 according to the
	Maui	01/22/13		Changed to match corrected Coastline
Police Districts				
	Maui	09/27/13		Updated Lahaina and Kihei Police District boundaries
	Maui	06/14/13		Updated coastline
	Molokai	06/13/13		Updated coastline
	Maui	01/22/13		Changed to match corrected Coastline
Police Response Areas				
	Maui	06/25/13 -- 06/26/13		Corrected to match coastline
	Maui	06/14/13		Updated coastline
	Molokai	06/13/13		Updated coastline
	Maui	02/08/13		Corrected boundary between Beat 12 & 21 according to the
	Maui	01/22/13		Changed to match corrected Coastline
WSP Cell Sectors				
	Maui	12/27/13	**12/23/13**	Per T-Mobile CRS
		12/10/13	**12/16/13**	Per SPPCS CRS
		12/06/13		Per VZW CRS
			11/27/13	
	Maui/Lanai	11/1/2013	**11/13/13**	Per Verizon CRS
			10/23/13	
			10/09/13	
	Maui/Molokai			
	Maui	09/23/13	**09/25/13**	Per VZW CRS
	Maui/Molokai			
	Maui	07/18/13	**07/24/13**	Per AT&T Mobility - decommission
	Maui/Molokai	07/18/13		Per Nextel CRS - decommission entire network
	Maui	07/16/13		Per Sprint CRS
	Maui/Molokai			
	Maui	06/10/13	**06/12/13**	Per VZW CRS
	Maui/Molokai			

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
DISPATCH AND RESPONSE				
WSP Cell Sectors	Maui		**05/15/13**	A special PowerMap update was performed at the request of T-Mobile and Maui Dispatch
	Maui		**05/07/13**	Performed a special PowerMap update at the request of T-Mobile
	Maui	05/01/13	**05/02/13**	Per T-Mobile CRS
				AT&T Mobility Annual Audit
	Maui/Molokai			
	Maui	04/16/13 -- 04/17/13	**04/24/13**	VZW Annual Audit
	Maui/Molokai			
	Maui	04/01/13	**04/10/13**	VZW Annual Audit
	Maui			Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
	Maui/Molokai		**03/27/13**	
	Maui	03/04/13	**03/13/13**	Nextel Annual Audit
	Maui	03/01/13		Sprint Annual Audit
	Maui			
	Maui	02/27/13	**02/27/13**	Per VZW CRS
	Maui	02/19/13		Corrected sector numbers
	Maui/Molokai			
	Maui	02/07/13	**02/13/13**	Per Mobi PCS CRS
	Maui	01/29/13		Mobi PCS Annual Audit
	Maui	01/16/13		Per VZW CRS
	Maui	01/11/13		Corrected X-Y coordinates for T-Mobile tower. Changed radiuses.
	Maui/Molokai			
	Maui	01/04/13	**01/09/13**	Per VZW CRS

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
RESPONSE ROUTING				
Street Centerlines				
	Maui	12/26/13		Spatially corrected one (1) street centerline segment in Kahului, ninety-seven (97) in Lahaina and 108 in Paia
		12/23/13		Spatially corrected street centerlines in Kahului
		12/18/13	**12/23/13**	Corrected the range for one (1) street centerline segment in Kapalua, one (1) on Lanai and two (2) in Haiku
		12/16/13		Corrected the street name for Pineapple Hill Dr, Kapalua and shortened the range for Ridge Rd, Kapalua. Spatially corrected one (1) street centerline segment in Pukalani, two (2) in Spreckelsville, five (5) in Waikapu and twenty-three in Waiehu. Partial spatial correction to two (2) street centerline segments in Pukalani, three (3) in Spreckelsville, three (3) in Waihee, two (2) in Waikapu and seventeen (17) in Waiehu. Modified the range for three (3) street centerline segments in Paia and two (2) in Waiehu. Corrected one (1) parity and parity code in Paia, Waikapu and Waiehu. Flipped three (3) street centerline segments in Waiehu.
	Molokai			Spatially corrected four (4) street centerline segments in Kaunakakai. Partial spatial correction to four (4) street centerline segments in Kaunakakai. Flipped one (1) street centerline segment in Kaunakakai.
	Maui	12/13/13	**12/16/13**	Spatially corrected two (2) street centerline segments in Pukalani and twenty-two (22) street centerline segments in Paia. Modified the range for three (3) street centerline segments, flipped two (2) street centerline segments, corrected the parity & parity code of one (1) street centerline segment and partial spatial corrections to six (6) street centerline segments, all in Paia.
		12/12/13		Extended the range to Hio Pl, Pukalani to accommodate a newly assigned address. Spatially corrected six (6) street centerline segments and partial spatial corrected one (1) street centerline segment in Napili

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
RESPONSE ROUTING				
Street Centerlines	Maui	12/11/13	**12/16/13**	Flipped one (1) street centerline segment in Maalaea. Corrected parity and parity codes for five (5) street centerline segments, spatially corrected six (6) street centerline segments and corrected the one way for one (1) street centerline segment in Makawao. Split one (1) street centerline segment to add one (1) street centerline segment to correspond with a newly added address in Kapalua. Modified the range for one (1) range in Kihei. Corrected parity and parity codes for one hundred two (102) street centerline segments, spatially corrected twenty-seven (27) street centerline segments, flipped three (3) street centerline segments and modified the range of four (4) street centerline segments on Lanai.
		12/10/13		Spatially corrected fifty-seven (57) and partially corrected fifty-five (55) street centerline segments, flipped three (3) street centerline segments, modified four (4) ranges and corrected the parity and parity codes for two (2) street centerline segments in Lahaina. Corrected the parity and parity codes for twenty-four (24) street centerline segments in Lanai.
		12/09/13		Spatially corrected eleven (11) street centerline segments, modified three (3) ranges, flipped one (1) street centerline segment and corrected three (3) parity and parity codes in Kihei. Spatially corrected six (6) street centerline segments and flipped one (1) street centerline segment in Lahaina. Spatially corrected two (2) street centerline segments and corrected one (1) parity and parity code in Kula.
		12/06/13		Corrected the parity & parity codes for Eena St, Kahului. Assigned a range for One Hali Ln and extended range for Kai Ani Ln, Kihei. Flipped one street centerline segment, corrected the parity and parity codes for nine (9) street centerline segments and modified the range for six (6) street centerline ranges in Kihei. Akimeka's MSAG Coordinator was notified of all these changes.
		12/05/13		Corrected the parity and parity codes of two (2) street centerline segments and flipped one (1) street centerline segment in Wailuku. Corrected the parity and parity codes for nine (9) street centerline segments, flipped four (4) street centerline segments and modified three (3) street centerline segment ranges in Haiku. Corrected parity and parity codes for one (1) street centerline segment and flipped one (1) street centerline segment in Kahului. Corrected parity and parity codes for four (4) street centerline segments and modified the ranges in Kapalua. Akimeka's MSAG Coordinator was notified of range changes to Awapuhi Pl, Wailuku, Koeli St, Wailuku, Woodrose Pl, Kapalua, Cook Pine Dr, Kapalua, Pacific Dr, Kapalua and Fairway Dr, Kapalua.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
RESPONSE ROUTING				
Street Centerlines	**Maui/Lanai**	12/04/13		Flipped the street centerline segment for Alani Pl and Hanlei Pl in Wailuku
		12/03/13		Ranged and flipped one (1) street centerline segment and modified one (1) street centerline segment of Laenani St, Haiku. Ranged one (1) street centerline segment and modified one (1) street centerline segment of Kuinehe Pl, Kula. Ranged one (1) street centerline segment and modified two (2) street centerline segments of Ulumalu Rd. Ranged one (1) street centerline segment and modified one (1) street centerline segment of Hulopoe Dr, Lanai.
		11/27/2013		Completed the following work in Wailuku. Spatially corrected eighteen (18) street centerline segments, corrected the parity and parity codes for sixteen (16) street centerline segments, shortened the range for Kulaiwi Dr and flipped one (1) street centerline segment. Akimeka's MSAG Coordinator was notified of the change to Kulaiwi Dr.
		11/26/2013	**11/27/13**	Corrected the topology for three (3) street centerline segments
		11/22/2013		Corrected Street Owner for six (6) street centerline segments, spatially corrected eighty-one (81) street centerline segments in Wailuku. Extended the range for Muliwai Dr, Wailuku and Kaahumanu Ave, Wailuku. Akimeka's MSAG Coordinator was notified of these changes.
		11/19/2013		Created three (3) new segments for N Kihei Rd, Maalaea and created one (1) new segment and modified one (1) street centerline segment for N Kihei Rd, Kihei; Modified two (2) street centerline segments for Mokulele Hwy, Kihei and one (1) for Mokulele Hwy, Kahului to fit a corresponding address point; Added three (3) new street centerline segments for Pakau Pl and Olua St in Kahului per new addresses received from DSA; split one (1) street centerline of Maui Lani Pkwy, Kahului in order to add new street centerlines; assigned ID for twenty-five (25) street centerline segments. The MSAG Coordinator was notified of all range modifications and street centerline additions.
		11/15/13		Added five (5) and modified two (2) street centerline segments for Honoapiilani Hwy, Kapalua; added two (2) and modified two (2) street centerline segments for Honoapiilani Hwy, Lahaina; added three (3) street centerline segments for Honoapiilani Hwy, Kaanapali; added one (1) street centerline segment for Honoapiilani Hwy, Napili; added three (3) and modified three (3) street centerline segments for Piilani Hwy, Kihei; added three (3) street centerline segments for Piilani Hwy, Wailea. Akimeka's MSAG Coordinator was notified of the changes to Piilani Hwy, Kihei and Piilani Hwy, Wailea.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
RESPONSE ROUTING				
Street Centerlines	Maui	11/14/13		Added nine (9) street centerline segments for Honoapiilani Hwy, Kaanapali and Honoapiilani Hwy, Napili.
		11/13/13		Corrected street range parity and parity codes for three (3) street centerlines in Wailuku. Extended the range for Mokupapa Rd, Haiku to reflect the MSAG. Extended the range for Waiale Rd, Waikapu. Corrected the street class and speed limit for two (2) street centerline segments in Wailuku. Akimeka's MSAG Coordinator was notified of the change to Waiale Rd.
		11/12/13	**11/13/13**	Corrected street range parity and parity codes for one (1) street centerline in Wailuku. Modified the range for two (2) street centerline segments in Wailuku and Laulea Pl, Spreckelsville. Range changes did not affect the MSAG.
		11/08/13		Spatially corrected eighteen (18) street centerline segments and modified fourteen (14) street centerline ranges.
		11/07/13		Spatially corrected twenty-five (25) street centerline segments and modified eight (8) street centerline ranges which included Kou Pl, Wailuku and Wili Pa Loop, Wailuku that affects the MSAG. Akimeka's MSAG Coordinator was notified of these changes.
		11/06/13		The following work was completed in Wailuku: Spatially corrected fifty-four (54) street centerline segments, modified twenty-two (22) street centerline ranges, which included one (1) range being shortened for Kinipopo St, added two (2) street centerline segments, and corrected the ESN for two (2) street centerline segments. The range was extended for Laakea Pl, Haiku, Kaupalena Pl, Kapalua, and Ohia Dr, Lanai. Akimeka's MSAG Coordinator was notified of these changes.
	Molokai			The range for Maunaloa Hwy, Hoolehua was extended; The range gap for Puupeelua Ave, Hoolehua was closed. Akimeka's MSAG Coordinator was notified of these changes.
	Maui	11/04/13		Extended the range for Kehalani Village Dr, Wailuku and Ua Pl, Wailuku to fit address points
		11/01/13		Corrected the range for Kanai Pl, Wailuku. Akimeka's MSAG Coordinator was notified of this change.
		10/31/2013		Corrected thirty-eight (38) street segment parity codes in Wailuku and Waikapu. Extended one (1) street range for Waiale Rd, Waikapu. Akimeka's MSAG Coordinator was notified as it affects the MSAG.
		10/30/2013		Extended range for Oleander Pl, Lahaina per MSAG. Extended the range for Honoapiilani Hwy, Napili per MSAG. Spatially corrected three (3) street centerline segments in Wailuku.
		10/28/13		Shortened the range of one (1) street centerline and spatially corrected two (2) street centerlines in Paia

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
RESPONSE ROUTING				
Street Centerlines	Maui	10/22/2013	**10/23/13**	Shortened the range for Keawa Pl, Hana and changed the street name from Keawa Pl to Hana Bay Rd, Hana and a range was assigned. Extended the range for Ohia Dr, Lanai to fit a newly assigned address. The MSAG Coordinator was notified of these changes. Spatially corrected one (1) street centerline in Haiku.
	Maui	10/21/2013		Corrected the parity of one (1) street range and shortened the range for Kaluhea Pl, Haiku. Akimeka's MSAG Coordinator was notified of this change as it affects the MSAG.
	Maui	10/18/2013		Corrected two (2) parity errors in Haiku. Spatially corrected five (5) street centerline segments. Extended the range for Kahaapo Loop, Kihei. The MSAG Coordinator was notified of the range change for Kahaapo Loop.
	Maui	10/17/2013		Corrected the range for the following street centerlines in Haiku: Maluna Pl, Mai Pl, Kauhikoalani Pl, Laenani St, Kamalii Pl, Lihiwai Pl, Haupoa Pl, Waipalani Pl, and Waipalani Rd. Akimeka's MSAG Coordinator was notified of these changes. Also corrected the parity for two (2) centerlines.
	Maui	10/16/2013		Extended the range for Kalanikahua Rd, Haiku. Akimeka's MSAG Coordinator was notified of this change as it affects the MSAG.
	Maui	10/09/13		Corrected two (2) range gaps in Paia; corrected one (1) range gap and one (1) segment too short error in Pukalani; corrected three (3) range overlaps and one (1) range gap error in Waiehu; corrected three (3) range gaps and one (1) range overlap in Waihee; corrected one (1) range gap error in Waikapu; corrected one (1) range gap error in Wailuku. Extended the range for Pohu St, Waiehu which affected the MSAG. Akimeka's MSAG Coordinator was notified of this change.
	Molokai	10/8/2013	**10/09/13**	Corrected one (1) TO Address Less Than FROM range error, two (2) range overlap errors, five (5) address range gap errors on Molokai. Some of these corrections affected the MSAG, so Akimeka's MSAG Coordinator was notified of the following range extensions on Pakala Pl, Kualapuu, Akeu Way, Kualapuu and Kalama Rd, Kualapuu.
	Maui	10/8/13		Validated seven (7) range errors and corrected three (3) range overlaps in Napili. All validations are not errors, but rather deemed exceptions.
	Maui			Removed Pukalani Byp as the alias name for Haleakala Bypass Hwy, Makawao as requested by Maui Police Dispatch

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
RESPONSE ROUTING				
Street Centerlines	Maui	10/7/2013		Corrected one (1) range gap and (1) range overlap in Makawao.
	Maui	10/4/2013		Corrected one (1) range gap, two (2) overlaps, one (1) segment too short on Lanai; made one (1) range gap correction in Maalaea; made one (1) range gap correction in Makawao. Changed the range for Keomuku Hwy, Lanai which affected the MSAG. This change was communicated to Akimeka's MSAG Coordinator for action.
	Maui	10/3/2013		Corrected four (4) range overlaps, two (2) street pointing wrong direction in Kapalua; corrected two (2) range gaps, one (1) range overlap in Lahaina. Changed the following ranges to correctly fit their respective address points. These changes affected the MSAG so it was communicated to Akimeka's MSAG Coordinator for action: Liloa Dr, Kihei, Office Rd, Kapalua, Mehani Cir, Kihei, Manino Cir, Kihei, N Kihei Rd, Kihei, and Kai Pali Pl, Lahaina. Mehani Pl, Kihei was also corrected to reflect all the addresses. This correction was also communicated to Akimeka's MSAG Coordinator for action.
	Maui	10/2/2013		Corrected five (5) range gaps and one (1) range overlap in Haiku, made three (3) range corrections in Kaanapali. Shortened the street range for Kainoe St, Lahaina to correctly reflect the address points. This change affected the MSAG so it was reported to Akimeka's MSAG Coordinator for action.
	Maui	10/1/2013		Corrected low range 10108 to 10106 on N Kihei Rd, Maalaea.
	Maui	09/26/13		Extended street segment for Awalau Rd, Haiku
	Maui/Molokai		**09/25/13**	
	Maui	09/24/13 -- 09/25/13		Split ten (10) Street Centerlines segments at Fire, Medic, and Police Beat boundaries. Street Centerlines affected were on Hana Hwy and Hana Hy 360, Hana & Haiku, Kahekili Hwy, Wailuku and Piilani Hwy and Pililani Hy, Hana and changed the ranges.
	Maui/Molokai	09/18/13		Edited data to meet Intergraph CAD requirements
	Maui	09/12/13		Added new street -- Kawai Ola Pl, Hana
	Maui	08/29/13		Changed Waiinu Rd, Wailuku Street Centerline range to accommodate newly added addresses
	Maui/Molokai		**08/28/13**	
	Maui/Molokai		**08/14/13**	
	Maui	08/02/13		Adjusted high range on Kanai PL from 423 to 523
				Adjusted low range on Maluaina Rd, Haiku
	Molokai	06/28/13		Split Kolekole Ave at boundary entrance to Schofield

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
RESPONSE ROUTING				
Street Centerlines	Maui	06/18/13 -- 06/19/13		Modified street centerline ranges according to new addresses assigned
	Maui/Molokai		**06/12/13**	
	Maui	05/30/13		Made corrections to meet the Intergraph CAD requirements
				Corrected the street name for Pokakaa Loop, Kahului, per the Maui County Street Naming Authority
	Maui/Molokai		**05/29/13**	
	Maui	05/24/13		
	Maui	05/20/13		Modified ranges to fit new address points
	Maui	05/16/13		Extended range for Wiliokai Way, Lahaina
	Maui/Molokai		**05/15/13**	
	Maui	05/10/13		Modified range for Napoko Pl, Kula
	Maui	05/07/13		Added the first phase of the Lahaina Bypass which stretches from Lahainaluna Rd to Keawe St. Also extended the range for Lakau Pl, Kihei.
	Maui	05/06/13		Corrected range for Niheu St and Upper Kimo Dr
	Maui	05/01/13		Extended range for Lower Kula Rd to fit the new addresses added from the DSA Address layer
	Maui/Molokai		**04/24/13**	
	Maui	04/23/13		Extended range to fit newly assigned addresses
	Maui	04/18/13		Shortened range for Malina Pl, Wailea according to addresses
	Maui	04/17/13		Extended and adjusted ranges to accommodate newly added addresses
	Maui/Molokai	04/15/13		Modified and corrected street ranges according to newly added addresses
	Maui/Molokai		**04/10/13**	
	Molokai	04/09/13		Changed range for Kalae Hwy, Kualapuu according to new address point added
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
	Maui	03/27/13		Extended range to accommodate newly assigned address
	Maui/Molokai			
	Maui	03/12/13		Extended range for Aina Mahiai St, Kaanapali to fit a new address
	Maui	03/04/13		Extended range for Waileia Pl, Wailea

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
RESPONSE ROUTING				
Street Centerlines	Maui		**02/27/13**	
	Maui	02/22/13		Adjusted ranges according to the new addresses added.
	Maui	02/21/13		Extended street segments and adjusted ranges according to the new address points added.
	Maui	02/19/13		
	Maui/Molokai		**02/13/13**	
	Molokai		**02/08/13**	
		02/07/13		Corrected the street name for Leanihi Ln, Kihei
	Molokai	02/06/13		Modified street centerline range
	Maui	02/06/13		Extended the street centerline range for Maika Pl, Wailuku and Kopiko St, Wailuku to fit the new addresses added
	Maui	01/24/13		Corrected data to meet Intergraph CAD standards
	Maui		**01/23/13**	
	Maui	01/23/13		Extended two (2) Street Centerline ranges to fit all addresses
	Maui	01/18/13		Assigned a range to Hemaloa St, Kahului to fit a new address
	Maui	01/14/13 -- 01/15/13		Modified ranges to fit new address points
	Maui/Molokai		**01/09/13**	
	Molokai	01/07/13		Adjusted the range for Maunaloa Hwy, Kaunakakai to fit a new address
	Maui	01/07/13		Corrected the Street Name for Ka Lei Pl, Makawao
VISUAL REFERENCE				
Coastline				
	Maui/Molokai		**06/26/13**	
	Molokai	06/11/13 -- 06/12/13		Edited coastline to fit imagery. This is an ongoing project.
	Maui	06/03/13 -- 06/14/13		Edited coastline to fit imagery. This is an ongoing project.
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
	Molokai		**02/08/13**	
	Maui		**01/23/13**	
	Maui	01/22/13		Corrected to include a Street Centerline
Major Roads	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
VISUAL REFERENCE				
	Maui/Molokai		**06/26/13**	
		018/13 -- 06/20/13		Updated parcels
	Maui	06/03/13		Updated according to new County Parcels layer. This is an ongoing project.
	Maui	05/28/13 -- 05/31/13		Updated according to new County Parcels layer. This is an ongoing project.
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
	Molokai	03/13/13		Updated according to new County Parcels layer. This is an ongoing project.
	Maui	03/04/13 -- 03/28/13		Updated according to new County Parcels layer. This is an ongoing project.
Trails				
SPECIAL REQUESTS				
Gate Codes				
	Maui/Molokai		**08/28/13**	
	Maui	08/27/13		Added a new gate code per SR#595
	Maui	08/26/13		Added new gate code for Koa Subdivision per SR#598
				Updated gate code for Puunoa Subdivision per SR#608
	Maui/Molokai		**07/24/13**	
	Maui	07/23/13		Updated gate code per SR#595
	Maui	07/22/13		Updated gate code per SR#593
	Maui/Molokai		**05/29/13**	
	Maui			Added a new gate code for Pineapple Hill per SR#581
	Maui/Molokai		**04/24/13**	
	Maui	04/16/13		Added gate codes, SR#572 and SR#573
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
	Maui/Molokai		**02/13/13**	
	Maui	02/13/13		Changed the gate code for Kapalua Mauka, SR#547
	Maui	02/11/13		Changed the gate code for Kapalua Ironwoods, SR#546
	Maui/Molokai		**01/09/13**	

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

MAUI COUNTY				
Type of Layer	**Island**	**Akimeka GIS Server** – **Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)				
SPECIAL REQUESTS				
HCS Monsanto Fields				
	Maui		**03/27/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Tow Boundaries				
	Maui	06/26/13		Changed to fit coastline
	Maui	01/22/13		Changed to match corrected coastline
CAD REQUIREMENT				
Coastal Names	Maui	09/27/13		Deleted Keonekai Park, Kihei, since it does not belong on this layer

Note: The Parcels layer is provided by Maui County. Akimeka performs edits on the spatial information of the layer for 9-1-1 purposes. Changes to the attribute table are made when needed. The Parcels layer uploaded to the PSAP GIS server is intended for 9-1-1 purposes only and should not be disseminated to other county agencies.

Current Month GIS Activities – December 2013

12/20/13 -- Akimeka prepared the following layers to the Intergraph CAD Map: Address Points, Common Name Lookup Table, Lodging, Street Centerlines, Points of Interest, and WSP Cell Towers.

12/23/13 -- Akimeka pushed the following layers to the Intergraph CAD Map: Address Points, Common Name Lookup Table, Lodging, Street Centerlines, Points of Interest, and WSP Cell Towers.

❖ *Everytime the GIS Update tool is used, Indexes and Cache have to be built. The Positron system configurator is adjusted every time a layer is loaded in the PowerMap database. Each PSAP position is updated accordingly.*

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Service Requests Transactions**

Open Service Requests – December 2013 (November 29, 2013 – December 30, 2013)

MAUI PSAP						
#	Date	Ticket #	Description	Category	Urgency	Comments
			NONE			

Note: *Open Service Requests reflect what is in pending status at the end of the report month.*

MOLOKAI PSAP						
#	Date	Ticket #	Description	Category	Urgency	Comments
			NONE			

Note: *Open Service Requests reflect what is in pending status at the end of the report month.*

Year-to-Date (YTD) Summary – 2013

MAUI PSAP				SERVICE REQUEST CATEGORIES							
2013	TOTAL			911 Map		MSAG		Request Training		Suggestions	
	Created	Closed	Open	Created	Closed	Created	Closed	Created	Closed	Created	Closed
December	2	2		2	2	0	0	0	0	0	0
November	1	3	0	0	1	1	2	0	0	0	0
October	2	1	2	0	0	2	1	0	0	0	0
September	2	3	1	1	2	1	1	0	0	0	0
August	2	4	2	2	3	0	1	0	0	0	0
July	12	10	4	7	4	5	6	0	0	0	0
June	4	3	2	2	2	2	1	0	0	0	0
May	2	1	1	1	1	1	0	0	0	0	0
April	4	4	0	2	2	2	2	0	0	0	0
March	7	7	0	3	3	4	4	0	0	0	0
February	3	3	0	3	3	0	0	0	0	0	0
January	0	1	0	0	1	0	0	0	0	0	0
2012 Carryover	1	0	1	1	0	0	0	0	0	0	0
TOTAL	**42**	**42**	**0**	**24**	**24**	**18**	**18**	**0**	**0**	**0**	**0**

Note: *Open Service Requests reflect what is in pending status at the end of the report month.*

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Service Requests Transactions (continued)**

MOLOKAI PSAP				SERVICE REQUEST CATEGORIES							
2013	TOTAL			911 Map		MSAG		Request Training		Suggestions	
	Created	Closed	Open	Created	Closed	Created	Closed	Created	Closed	Created	Closed
December	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0
January	0	0	0	0	0	0	0	0	0	0	0
2012 Carryover	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Note: *Open Service Requests reflect what is in pending status at the end of the report month*

Definitions:	Category	Description
	911 Map	Mapping computer not functioning or displaying properly
	MSAG	Discrepancies with 9-1-1 MSAG addresses
	Request Training	E-911 Operations training needs
	Suggestions	Vehicle to share suggestions

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **E9-1-1 Database Synchronization**
  (Reference: NENA 71-501, Version 1.1 – NENA Information Document for Synchronizing Geographic Information System databases with MSAG & ALI)

As part of Akimeka's value added services, Akimeka conducted the next quarterly database synchronization audit for Maui County in March 2013.

The database synchronization effort included comparing Maui County's 9-1-1 MSAG against its GIS Street Centerline data. A total number of **2,684** 9-1-1 MSAG (ESN 300 – 357) records were reviewed in the audit and analyzed. Results of the database synchronization audit completed on December 9, 2013 for Maui County are reported below.

Database synchronization should be part of an ongoing and continuous process to ensure that the databases remain current and synchronized. Since neither database is static in nature, the synchronization process will never yield a 100 percent match rate. As such, NENA's recommended minimum match rate is 98%.

The database synchronization process is essential to monitor and ensure the level of accuracy of the E9-1-1 databases and prepare for Next Generation 9-1-1 (NG9-1-1). As such, Akimeka will perform database synchronization audits on a quarterly basis as part of its ongoing maintenance process. Results of the database synchronization audit will be included and reported in the Monthly Status Report (MSR) accordingly.

Audit Summary Results – 2013

9-1-1 MSAG TO GIS STREET CENTERLINE AUDIT COMPARISON RESULTS	Notes	As of March 24, 2013		As of June 14, 2013		As of September 11, 2013		As of December 09, 2013	
		9-1-1 MSAG Dated 03-01-13		9-1-1 MSAG Dated 06-01-13		9-1-1 MSAG Dated 9-01-13		9-1-1 MSAG Dated 12-01-13	
		# of Records	%	# of Records	%	# of Records	%	# of Records	%
Total 9-1-1 MSAG Records Reviewed		2,669		2,671		2,675		2,684	
Less: 9-1-1 MSAG Exception Records	(1)	60	2.2%	60	2.2%	60	2.2%	60	2.24%
Net 9-1-1 MSAG Records Eligible for Comparison		**2,609**		**2,611**		**2,615**		**2,624**	
Total 9-1-1 MSAG Records Match (9-1-1 MSAG -- GIS Match -- No Corrections Required)		**2,595**	**99.5%**	**2,609**	**99.9%**	**2,611**	**99.8%**	**2,580**	**98.32%**
9-1-1 MSAG -- GIS No Match - Minor Correction Required	(2)	6	0.2%	2	0.1%	2	0.1%	37	1.41%
9-1-1 MSAG Record With No GIS Record	(3)	8	0.3%	0	0.0%	2	0.1%	7	0.27%
Total 9-1-1 MSAG Records No Match		**14**	**0.5%**	**2**	**0.1%**	**4**	**0.2%**	**44**	**1.68%**

***Objective:* NENA Recommended Match Rate = 98%**

- **E9-1-1 Database Synchronization (continued)**
  (Reference: NENA 71-501, Version 1.1 – NENA Information Document for Synchronizing Geographic Information System databases with MSAG & ALI)

Audit Summary Results – 2013 (continued)

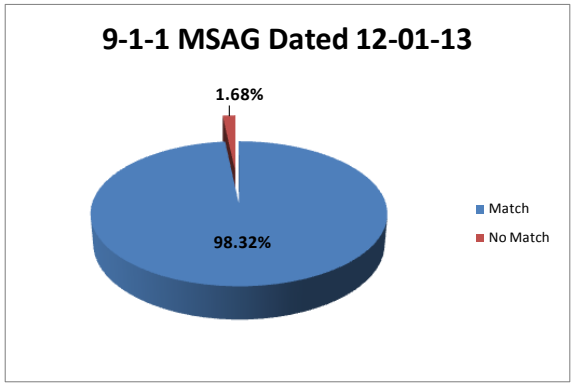
Notes:

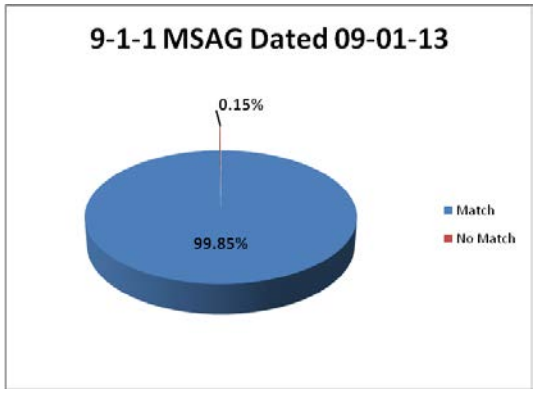
(1) An MSAG Record that will not have a corresponding GIS Street Centerline Record but is required for the routing of E9-1-1 calls (i.e., Emergency Call Box, Foreign Exchange Records, Wireless Shell Records, etc.). No further action is required.

(2) An MSAG Record that requires minor MSAG attention in 9-1-1Net to correct MSAG Records (i.e., Reassignment of an MSAG Community, modification of the Site Address Range, assignment of an ESN, performing a combine or insert of an existing MSAG Record, etc.).

(3) An MSAG Record that does not have a corresponding GIS Record and will require additional research and validation. The GIS Section will assist with this effort.

Audit Summary Results – December 1, 2013 vs. September 1, 2013 MSAG





Maui County's level of accuracy or 9-1-1 Match percentage remained fairly constant from 99.85% as of September 1, 2013 to 98.32% as of December 1, 2013

- **E9-1-1 Database Synchronization (continued)**
  (Reference: NENA 71-501, Version 1.1 – NENA Information Document for Synchronizing Geographic Information System databases with MSAG & ALI)

Audit Summary Results – December 1, 2013 vs. September 1, 2013 MSAG (continued)

- "MSAG - GIS Minor Corrections" The minor MSAG records requiring corrective action increased by thirty-five (35) this Quarter. This was primarily the result of edits made to the GIS Street Centerlines layer in order to meet new NG9-1-1 requirements. In order to reflect changes in the GIS database, MSAG records will be combined, split or new records will be inserted, to match the Street Centerlines. Corrections to the GIS street Centerline Low and High Street Ranges also created a situation whereby the MSAG records are required to be corrected to match the GIS record.

- "MSAG Record With No GIS Record" During the last Quarter of 2013, the number of MSAG records increased by five (5) records. The increase appears to be erroneous findings in the comparison report, as it has been verified that these MSAG records match the GIS database. An inquiry with the Akimeka GIS Analyst will be made to ensure an invalid flag has not been inserted to the GIS record and will be reported correctly during the next database synchronization report. Two of the identified seven (7) MSAG records have been corrected in 9-1-1 Net during the month of December.

- "GIS Record With Minor Corrections" There was an increase of twenty-nine (29) GIS Records requiring minor correction during the past quarter. These records were investigated and as a result, all 31 GIS records were confirmed to have a corresponding MSAG record, however, was not an exact match. The increase of the number of GIS Records not matching the MSAG database increased is a result of new street segments, Street Name changes/updates, Street low/high range updates, MSAG Community and ESN updates, etc. which had not yet been processed within 9-1-1 Net at the time of this data analysis. The GIS Analyst will monitor these records to ensure they are corrected prior to the February 2014 re-analysis.

- "MSAG records that don't match GIS" The number of MSAG records that do not match the GIS database includes both the MSAG records that do not have a matching GIS record; and MSAG records that are not synchronized to the GIS database. The increase of the number of MSAG Records not matching the GIS database is a result of missing GIS records, newly assigned street segments, street name changes or updates, street range updates, MSAG Community and ESN changes, etc. which have resulted in the non-match condition.

  The non-match condition may also be a result in which MSAG records submitted in 9-1-1Net were not completed prior to the running of the MapSAG comparison. The MSAG section will monitor these records to ensure they are processed in 9-1-1Net prior to the February 2014 re-analysis.

- Ongoing maintenance is critical to ensure the database synchronized level of address accuracy is maintained each time an MSAG or GIS record is "last modified".

Maui County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

Invalid MSAG Streets and Address Ranges – ESN 399/359 Records

Hawaiian Telcom, Inc. (HTI) provides Maui County and Akimeka, as the PSAP's agent, with access and visibility to the ESN 359/399 MSAG records which are "known" invalid streets and address ranges. Results of the data provided are as follows:

PSAP	ESN	Invalid MSAG Records							
		9-1-1 MSAG Dated 03-01-13		9-1-1 MSAG Dated 06-01-13		9-1-1 MSAG Dated 09-01-13		9-1-1 MSAG Dated 12-01-13	
		# of Records	% of Total MSAG Records (Valid and Invalid)	# of Records	% of Total MSAG Records (Valid and Invalid)	# of Records	% of Total MSAG Records (Valid and Invalid)	# of Records	% of Total MSAG Records (Valid and Invalid)
MAUI	399	257	9.5%	233	8.7%	220	7.9%	211	7.9%
MOLOKAI	359	110	32.8%	78	25.8%	77	25.6%	78	26.1%
TOTAL MAUI COUNTY		367	12.1%	311	10.4%	297	10.0%	289	9.7%

Note: The number of 359/399 MSAG records for Maui/Lanai and Molokai were inadvertently reported in reverse. The chart above has been corrected accordingly for the 9-1-1 MSAG Dated 03-01-13.

- **E9-1-1 Database Synchronization (continued)**
  (Reference: NENA 71-501, Version 1.1 – NENA Information Document for Synchronizing Geographic Information System databases with MSAG & ALI)

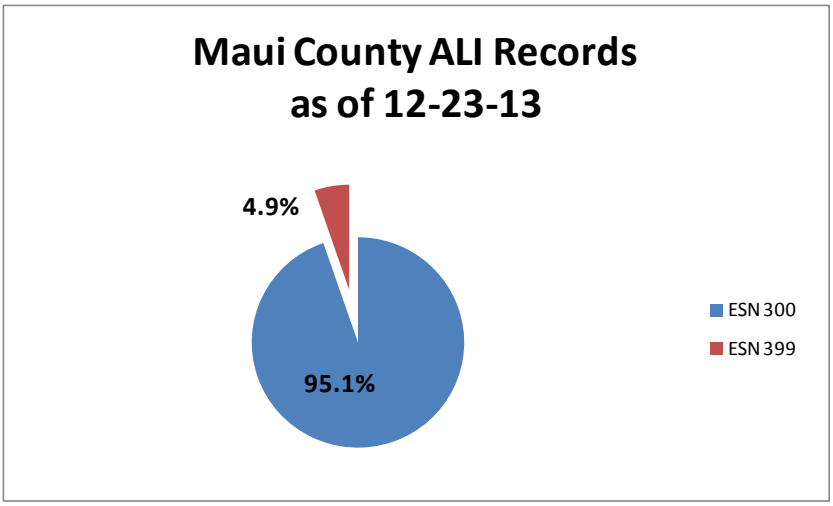
Invalid MSAG Streets and Address Ranges – ESN 359/399 Records (continued)

These invalid MSAG records represent **10.0%** of the Total MSAG records for Maui County as of the December 1, 2013 MSAG as compared to 10.4% as of the September 1, 2013 MSAG. ESN 359/399 is a "valid" MSAG record; however, simultaneously it represents a "known" invalid MSAG address. ESN 359/399 is utilized to provide a path for 9-1-1 calls to allow the voice portion of the 9-1-1 call to still be routed to the PSAP with the understanding that the address information presented was an invalid address/location and that a "No Record Found" condition may affect the processing of the 9-1-1 response and/or cause confusion or delay during the dispatch of 9-1-1 resources to the caller's location.

The goal, which requires the cooperation among all service providers, is to clean-up all ESN 359/399 MSAG records to a valid Maui County ESN and valid MSAG address.

Automatic Location Identification (ALI) Discrepancy Reports

As part of Akimeka's ongoing database synchronization efforts, Akimeka reviewed and summarized the ALI discrepancy reports by community for Maui County. As of December 23, 2013, **3,980** ESN 399 (Maui/Lanai) and ESN 359 (Molokai) records, representing **4.9%** of Maui County's total ALI records, require research and corrective action, if needed.



The total number of ALI records remains relatively consistent.

The number of ESN 359/399 ALI records decreased from 4,329 to 3,980 from September 2013 to December 2013 respectively. The decrease reflects the work that Akimeka has done since the last database synchronization in September 2013. Extensive research has gone into verifying the invalid TNs against current County data. This is an ongoing project, as Akimeka continues to research and correct the ESN 359/399 records.

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations**

9-1-1 Call Volume – December 2013

PSAP	Total	Wireline	%	Wireless	%
Hawaii Police	12,464	3,789	30.4%	8,675	69.6%
Hawaii Fire	2,141	906	41.3%	1210	56.5%
Hawaii County	14,605	4695	32.1%	9885	67.7%

***Note: abandoned calls not included in %**

911 Call Volume Hawaii Police – Calendar Year 2013

Source: **Intrado Viper effective August 28, 2013, 8:00 a.m. HST**

Source: **Solacom Call Volumes from January 1, 2013 through August 28, 2013, 2:29 a.m. HST**

Note: **There were no call volume statistics between August 28, 2013, 2:29 a.m. HST, and August 28, 2013, 8:00 a.m. HST, while the PSAPs were on the 9-1-1 back-up system and during the Intrado Viper conversion.**

HAWAII		TOTAL PSAP 9-1-1 CALL VOLUME									
		Wireline/VoIP		Wireless		Unknown		Admin		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
December	12,464	3,789	30.4%	8,675	69.6%			0	0	1,691	13.6%
November	11,031	3,356	30.4%	7,675	69.6%			0	0	1,443	13.1%
October	11,910	3,452	29.0%	8,458	71.0%			0	0	1,537	12.9%
September	14,765	4,162	28.2%	10,603	71.8%			0	0	1,645	11.1%
August (2)	1,411	517	36.6%	849	63.4%			0	0	0	0.0%
August (1)	10,331	3,248	31.6%	7,036	68.4%	47	0.5%	N/A	N/A	N/A	N/A
July	12,110	3,609	29.9%	8,475	70.1%	26	0.2%	N/A	N/A	N/A	N/A
June	11,324	3,485	30.9%	7,795	69.1%	44	0.4%	N/A	N/A	N/A	N/A
May	11,511	3,554	31.0%	7,895	69.0%	62	0.5%	N/A	N/A	N/A	N/A
April	11,245	3,488	31.1%	7,717	68.9%	40	0.4%	N/A	N/A	N/A	N/A
March	11,586	3,649	31.6%	7,909	68.4%	28	0.2%	N/A	N/A	N/A	N/A
February	10,248	3,274	32.0%	6,944	68.0%	30	0.3%	N/A	N/A	N/A	N/A
January	11,436	3,803	33.4%	7,596	66.6%	37	0.3%	N/A	N/A	N/A	N/A
TOTAL YTD	**141,372**	**43,386**	**30.8%**	**97,627**	**69.2%**	**314**	**0.2%**	**N/A**	**N/A**	**N/A**	**N/A**
AVG PER MO (excludes August)	**18,720**	**5,734**		**12,942**		**38**		**N/A**		**N/A**	

Solacom statistic category

(1) Call statistics data collection began at 8:00 a.m. HST on August 28, 2013 following the Intrado Viper conversion. The reported calls included test calls made after the cutover.

(2) On September 17, 2013, the PSAP did not receive 9-1-1 calls via the Intrado Viper Power9-1-1 system for approximately three hours.

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations (continued)**

9-1-1 Call Volume Hawaii Fire – Calendar Year 2013

Source: **Intrado Viper effective August 28, 2013, 8:00 a.m. HST**

Source: **Solacom Call Volumes from January 1, 2013 through August 28, 2013, 2:29 a.m. HST**

Note: **There were no call volume statistics between August 28, 2013, 2:29 a.m. HST, and August 28, 2013, 8:00 a.m. HST, while the PSAPs were on the 9-1-1 back-up system and during the Intrado Viper conversion.**

HAWAII		TRANSFERRED TO FIRE									
		Wireline/VoIP		Wireless		Unknown		Admin		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
December	2,141	906	42.3%	1,210	56.5%			0	0	25	1.2%
November	2,008	830	41.3%	1,178	58.7%			0	0	21	1.0%
October	2,043	832	40.7%	1,211	59.3%			0	0	18	0.9%
September	1,902	792	41.6%	1,110	58.4%			0	0	20	1.1%
August (2)	305	N/A	N/A	N/A	N/A			0	0	7	2.3%
August (1)	1,826	764	42.4%	1,038	57.6%	24	1.3%	N/A	N/A	N/A	N/A
July	2,340	931	40.4%	1,374	59.6%	35	1.5%	N/A	N/A	N/A	N/A
June	2,004	804	40.6%	1,178	59.4%	22	1.1%	N/A	N/A	N/A	N/A
May	2,221	924	42.0%	1,276	58.0%	21	0.9%	N/A	N/A	N/A	N/A
April	2,205	934	42.9%	1,244	57.1%	27	1.2%	N/A	N/A	N/A	N/A
March	2,255	954	42.9%	1,268	57.1%	33	1.5%	N/A	N/A	N/A	N/A
February	2,135	947	44.8%	1,167	55.2%	21	1.0%	N/A	N/A	N/A	N/A
January	2,425	1,057	44.1%	1,339	55.9%	29	1.2%	N/A	N/A	N/A	N/A
TOTAL YTD	**25,810**	**10,675**	**42.2%**	**14,593**	**57.8%**	**212**	**0.8%**	**N/A**	**N/A**	**N/A**	**N/A**
AVG PER MO (excludes August)	**3,426**	**1,416**		**1,936**		**27**		**N/A**		**N/A**	

Solacom statistic category

(1) On September 17, 2013, the PSAP did not receive 9-1-1 calls via the Intrado Viper Power9-1-1 system for approximately three hours.

Note: *Total Calls include Administrative calls that are not direct 9-1-1 calls.*

Notes:

(1) "Abandoned" calls represent the number of incoming 9-1-1 calls for which the caller had hung up before a call-taker answered.

(2) "Abandoned" calls are included in the "Wireline" and "Wireless" counts respectively. The standard CML reports do not provide a break-out of "Abandoned" calls between "Wireline" and "Wireless" calls.

(3) Total call volumes include Administrative calls. (Administrative calls = Calls made between 911 positions but are not 911 calls.)

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

Intrado Viper 9-1-1 Call Volume Statistics

During the month of December 2013, all PSAPs in the State of Hawai'i will collaborate and agree upon a standardized method to report PSAP Call Volumes beginning in 2014.

PSAP Operations (continued)

911 Call Volume Comparison Hawaii Police 2012 – 2013

2013 Total Viper/Solacom 911 Calls Combined (Police Department)

HAWAI'I POLICE		TOTAL PSAP 9-1-1 CALL VOLUME									
		Wireline/VoIP		Wireless						Abandoned/Unknown	
				Total Wireless		Phase II		Phase I			
2013	Total	# of Calls	%to Total Wireline & Wireless	# of Calls	%to Total Wireline & Wireless	# of Calls	%to Total Wireless	# of Calls	%to Total Wireless	# of Calls	%Abandoned to Total
TOTAL YTD	141,372	43,386	30.7%	97,572	69.0%	0	0.0%	0	0.0%	6,630	4.7%

2012 Total Solacom 911 Calls (Police Department)

HAWAII		TOTAL PSAP 9-1-1 CALL VOLUME									
		Wireline/VoIP		Wireless		Unknown		Admin		Abandoned	
2012	Total	# of Calls	%to Total Wireline & Wireless	# of Calls	%to Total Wireline & Wireless	# of Calls	%to Total Calls	# of Calls	%to Total Calls	# of Calls	%Abandoned to Total
TOTAL YTD	124,847	41,749	33.6%	82,652	66.4%	446	0.4%	N/A	N/A	N/A	N/A

Call Center E9-1-1 Call Volume statistics for 2013 are 141,372 total calls; 43,386 (30.7%) Wireline and 97,572 (69.0%) Wireless. Solacom reports unknown type of call 414 (0.3%). Call Volumes increase by **16,525** in 2013 from 2012 – with Wireline calls futher declining by 2.9% and Wireless calls increasing by 2.6%.

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

911 Call Volume Comparison Hawaii Fire 2012 – 2013

2013 Total Viper/Solacom 911 Calls Combined (Fire Department)

HAWAI'I FIRE		TOTAL PSAP 9-1-1 CALL VOLUME									
		Wireline/VoIP		Wireless						Abandoned	
				Total Wireless		Phase II		Phase I			
2013	Total	# of Calls	%to Total Wireline & Wireless	# of Calls	%to Total Wireline & Wireless	# of Calls	%to Total Wireless	# of Calls	%to Total Wireless	# of Calls	%Abandoned to Total
TOTAL YTD	25,810	10,675	41.4%	14,593	56.5%	0	0.0%	0	0.0%	303	1.2%

2012 Total Solacom 911 Calls (Fire Department)

HAWAII		TRANSFERRED TO FIRE											
		Wireline/VoIP			Wireless			Unknown		Admin		Abandoned	
2012	Total	# of Calls	%to Total Wireline & Wireless	%of Total Wireline	# of Calls	%to Total Wireline & Wireless	%of Total Wireless	# of Calls	%to Total Calls	# of Calls	%to Total Calls	# of Calls	%Abandoned to Total
TOTAL YTD	27,194	10,912	43.7%	26.1%	14,049	56.3%	17.0%	415	1.5%	N/A	N/A	N/A	N/A

Call Center E9-1-1 Call Volume statistics for 2013 are 25,810 total calls; 10,675 (41.4%) Wireline and 14,593 (56.5%) Wireless. Solacom reports unknown type of call 303 (1.2%). Call Volumes decreased by **1,384** in 2013 from 2012 – with Wireline calls futher declining by 2.3% and Wireless calls increasing by 0.2%.

Wireless Test – December 2013

Date	WSP	Sites Tested	Sectors Tested	Tested By	Test Pass/Fail
NONE					

Current Month PSAP Operations Activities – December 2013

12/15/2013 A Holiday " No Cell Tower/Sector Testing" period was scheduled between the PSAP and Wireless Service Providers for 12/15/13 to 01/04/14. Notification was sent on 11/07/2013

12/31/13 Wireless E9-1-1 Database has added/modified/deleted on **204** towers and **749** sectors to the Wireless E9-1-1 database this calendar year. Annual quality assurance audits on **1804** towers and **7015** sectors to the Wireless E9-1-1 database. The MSAG maintenance program provided **3,063** MSAG Database transactions to the Hawaii County MSAG Database. A monthly average of **278** transactions.

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **MSAG**

Current Month – December 2013

2013		9-1-1NET REQUESTS									In Referred Status as of Report Month End (c)		In Suspended Status as of Report Month End (d)	
		MSAG TRANSACTIONS							ALI TRANSACTIONS					
PSAP	TOTAL	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected	County Address Change Request (TN CR) Processed (a)	ALI Discrepancy (ALI-DR) Processed (b)	TN CR	ALI-DR	# of Transactions	TNs Affected
HAWAII	278	68	16	0	32	13	7	52	208	2	706	1	0	0

A total of 278 MSAG transactions were processed in 9-1-1 Net during the month of December 2013. Sixty-eight (68) requests were processed relating to the MSAG database, with fifty-two (52) customer's telephone ANI/ALI records updated as a direct result. 208 TN CR transactions and two (2) ALI-DR transaction were also processed to 9-1-1Net for updates and corrections. The 208 TNCRs were submitted with MSAG valid address, as a result of the ESN 299 clean-up effort. Streets and address ranges were validated against the GIS to ensure synchronization and an MSAG valid address was provided to the Telco. TN CRs must be validated against HT records and approved by the end user Hawaiian Telcom customer before updating the ALI record.

There are no suspended requests in the system at this time.

See attached spreadsheet for a detailed description of changes and additions.

- **MSAG (continued)**

Current Month – December 2013 (continued)

There are 706 TN CRs and one (1) ALI-DR in Referred status as of December 31, 2013.

The ALI DR in "Referred" status was submitted on November 21, 2013. The ALI DR was the result of a 9-1-1 call from a residence in Kealakekua. Hawaii County Fire submitted a request to Akimeka to update the customer street name from Mamalahoa Hwy to Hawaii Belt Rd. Akimeka submitted the ALI DR to Intrado and the transaction is awaiting approval from the telco.

Intrado will notify Akimeka when the TN has been updated in 9-1-1Net.

118 of the TN CRs in "Referred" status are the remainder of the TNs submitted to Intrado in October 2012 as a result of the Puako Beach Road address changes per the Hawai'i County Planning Department. These TN CRs deal primarily with house numbers. See Service Request #225.

Numerous follow-ups have been made by Akimeka inquiring as to why these TN CRs remain in "Referred" status. No explanation has been provided as to why these house numbers are not being updated for 9-1-1 purposes.

Intrado will notify Akimeka when the TNs have been updated in 9-1-1Net.

The remaining 588 "Referred" records are a direct result of the ESN 299 clean-up and are awaiting approval from Hawaiian Telcom, Inc. Akimeka continues to monitor and track the progress of the Referred records. Once a telephone number is submitted to Intrado for correction, it must be verified against HT records and/or approved by the customer. Intrado's internal process requires calling each telephone customer individually for approval to update an address in the 9-1-1 database.

Intrado will notify Akimeka when each TN has been updated in 9-1-1 Net.

There are no records in Suspended status as of December 31, 2013.

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **MSAG (continued)**

Year-to-Date (YTD) Summary – 2013

HAWAII COUNTY		9-1-1NET REQUESTS									In Suspended Status as of Report Month End (c)	
		MSAG TRANSACTIONS							ALI TRANSACTIONS			
2012	TOTAL	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected (*)	County Address Change Request (TN CR) Submitted (a)	ALI Discrepancy (ALI-DR) Submitted (b)	# of Transactions	TNs Affected
December	466	465	349	8	78	17	13	4,920	0	1	0	0
November	1,765	1,705	1,596	17	17	24	51	31,976	44	16	1	1
October	1,057	1,046	957	15	24	13	37	3,178	8	3	1	1
September	791	754	673	15	16	19	31	24,836	35	2	1	1
August	789	780	736	2	22	12	8	12,107	4	5	3	3
July	733	509	392	12	17	17	71	6,517	221	3	5	5
June	453	408	259	34	30	33	52	2,899	39	6	5	5
May	428	259	179	7	21	16	36	5,530	158	11	8	8
April	444	361	225	17	36	23	60	7,591		83	8	8
March	348	72	33	6	2	27	4	292		276	11	25
February	337	226	142	7	17	49	11	8,574		111	21	37
January	203	60	32	0	3	23	2	298		143	40	75
TOTAL YTD	**7,814**	**6,645**	**5,573**	**140**	**283**	**273**	**376**	**108,718**	**509**	**660**		
AVG PER MO	**651**	**554**	**464**	**12**	**24**	**23**	**31**	**9,060**	**64**	**55**		

Note: *Revised categories and report format changes effective May 2012 with new Intrado TN CR functionality.*

Definitions:	(a)	Represents address corrections on a specific TN or group of TNs. These "invalid" TNs usually have an associated ESN 299 attached to them which indicates the need for validation.
	(b)	Represents an address discrepancy discovered during a live 9-1-1 call. These record corrections are treated with a higher priority and should be processed within 48 hours as a general guideline.
	(c)	Represents correction requests that have been referred by Intrado to the appropriate service provider and is awaiting approval to be updated in 9-1-1Net.
	(d)	Represents correction requests that have been "paused" due to TN fallouts, range overlaps, or not having a valid address point. Intrado requires additional information from Akimeka/PSAP before the Telco approves the change.

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
CALLER LOCATION			
Address Points	12/31/2013		Changed Routing ID to seven (7) addresses on Operations St in Hilo.
	12/30/13		Corrected Routing ID of one (1) address on Haakoa Rd in Laupahoehoe.
	12/27/13		Changed Routing ID to eleven (11) addresses in Papaaloa.
			Readdressed two (2) street addresses on Hakuma St in Pahoa.
			Readdressed two (2) street addresses on Hawaii Belt Rd in Paauilo.
			Readdressed nine (9) addresses on Waiono Ranch Rd in Holualoa.
	12/26/13		Changed routing ID to four (4) addresses on Pahoa Kalapana Rd in Pahoa and 13 addresses on Mamalahoa Hwy in Holualoa.
		12/24/13	
	12/23/13		Changed street name and routing id for nine (9) addresses on Hualalai Rd in Holualoa. Changed routing id for eight (8) addresses on Lolo Ln in Holualoa.
	12/19/13		Changed number to one (1) address on Halewili Pl in Holualoa.
			Completed monthly update on address points. Received 12/10/13 from Hawaii County Planning.
	12/17/13		Changed suffix to address point on Catamaran from DR to LN in Ocean View.
	12/16/13		Changed street name and number to two (2) addresses in Kealakekua and changed street name to one (1) address in Papaaloa.

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
CALLER LOCATION			
Address Points	12/13/13		Added 86 address points. Of those 86, eight (8) were in Captain Cook, five (5) in Hilo, two (2) in Holualoa, seven (7) in Kailua Kona, three (3) in Kamuela, one (1) in Kapaau, ten (10) in Keaau, six (6) in Kurtistown, seven (7) in Mountain View, one (1) in Naalehu, 16 in Ocean View, one (1) in Paauilo, 11 in Pahoa, one (1) in Pepeekeo, five (5) in Volcano and two (2) in Waikoloa.
			Changed street name and number to nine (9) address points. Of those nine (9), seven (7) were in Kealakekua, one (1) in Kailua Kona and one (1) in Holualoa.
		12/11/13	
	12/05/13		Readdressed six (6) addresses on Kahaikupuna Rd in Kamuela. Updated Routing ID to five (5) addresses in Mountain View. Changed two (2) addresses from Macadamia Dr to Macadamia Rd in Keaau.
	12/04/13		Changed one (1) address number on Lauhulu Rd in Pepeekeo.
	12/02/13		Readdressed nine (9) street addresses on Omeo Rd in Captain Cook.
			Updated Routing ID for one (1) address on Captain Cook Rd in Captain Cook, 36 addresses on Ohia St in Honokaa and two (2) addresses on Koholalele Rd in Paauilo.
	11/29/13		Edited two address points and added one address point on Honomainoa Rd in Papaaloa.
		11/27/13	
	11/13/13 -- 11/14/13		Monthly Hawaii County Compare. 102 addresses were added; one (1) address was removed; eleven (11) address street names were changed and three (3) address street numbers were changed.
		11/12/13	
	10/31/2013		Added 249 address points identified using Parcel data and Pictometry.
	10/30/2013		Added address points identified using Parcel data and Pictometry.

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
CALLER LOCATION			
Address Points	10/25/2013		Corrected errors in Pahala, Pahoa, Papaaloa, Papaikou, Pepeekeo, Volcano, and Waikoloa.
	10/24/2013		Corrected errors in Keauhou, Kurtistown, Laupahoehoe, Mountain View, Naalehu, Ninole, Ocean View, Paauhau, and Paauilo.
	10/23/2013		Corrected errors in Hilo, Keaau, and Kealakekua.
	10/22/2013		Corrected errors in Honomu, HVNP, and Kapaau.
	10/18/2013	**10/22/13**	Corrected errors in Holualoa, Honaunau, Honokaa, and Hilo.
	10/15/13 -- 10/17/2013		Monthly update on Address Points. 152 New Addresses were added; ten (10) addresses were removed; twenty-five (25) address street names were changed; one (1) address number was changed.
			Corrected errors in Captain Cook, Hakalau, Hawi, and Holualoa.
	10/11/2013		Deleted 180 MSAG Address Points that have been assigned official county addresses and are no longer necessary.
	10/9/2013		Corrected fourteen (14) No Matching Street Names in Hilo.
	10/8/2013		Corrected six (6) no matching street range errors in Kailua Kona; corrected one (1) no matching street name errors and corrected three (3) no matching street ranges errors in Ookala; corrected one (1) no matching street ranges errors in Paauilo; corrected twenty-one (21) no matching street ranges errors in Pahoa; corrected five (5) no matching street ranges errors in Papaaloa; corrected four (4) no matching street ranges errors in Volcano; corrected one (1) no matching street ranges errors in Waikoloa.
	10/04/13	**10/08/13**	Corrected thirty-nine (39) No Matching Street Range and seven (7) Street Name Not Found errors in Captain Cook. This is an ongoing project.
	10/02/13		Spatially corrected eight (8) addresses in Volcano

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
CALLER LOCATION			
Address Points	09/16/13 -- 09/18/13	**09/25/13**	Monthly update on Address Points
	08/21/13	**08/27/13**	Monthly update on Address Points
	07/16/13	**07/23/13**	Monthly update on Address Points
		06/25/13	
	06/18/13		Monthly update on Address Points
		05/28/13	
	05/16/13		Corrected TMK for 117 addresses
	05/14/13		Monthly update on Address Points
		04/25/13	
	04/15/13 -- 04/16/13		Monthly update on Address Points
		03/12/13	
	03/11/13 -- 03/12/13		Monthly update on Address Points
		02/26/13	
	02/15/13		Monthly update on Address Points
		02/12/13	
	02/08/13		Corrected community for five (5) mile markers and three (3) callboxes
	02/05/13		Moved address point 711401 Hawaii Belt Rd to the correct parcel
	01/23/13		Added callboxes and milepost markers
		01/22/13	
	01/16/13 -- 01/17/13		Monthly update on Address Points
		01/08/13	

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
CALLER LOCATION			
Emergency Callboxes			
Fire Stations			
Medic Stations			
Milepost Markers			
Points of Interest (POI)			
	10/21/2013	**10/22/13**	Spatially corrected Kona Adventist School.
	09/04/13	**09/10/13**	Added records for the Wal-Mart and Lowe's in Kona and Home Depot and KTA Superstore in Hilo
Police Stations			
Schools			
Tsunami Evacuation Zones			
Tsunami Roadblocks			

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
CALLER LOCATION			
WSP Cell Towers		**12/24/13**	
	12/14/13		Per T-Mobile CRS
	12/13/13		Per T-Mobile CRS
		12/11/13	
	12/05/13		Per VZW CRS
		11/27/13	
		11/12/13	
	10/01/13	**10/08/13**	Per T-Mobile CRS
	09/26/13		Per AT&T Mobility CRS
	09/06/13	**09/10/13**	Per Sprint CRS
	08/14/13	**08/27/13**	Per VZW CRS
	08/07/13	**08/13/13**	
	08/02/13		Per T-Mobile Annual Audit
	07/19/13	**07/23/13**	Per VZW CRS
	07/18/13		Per Nextel CRS/Annual Audit
			Per AT&T Mobility CRS
	06/11/13	**06/25/13**	Per Sprint CRS
	06/10/13		Per VZW CRS
	05/22/13	**05/28/13**	Per AT&T Mobility CRS
	05/09/13 -- 05/13/13	**05/14/13**	AT&T Mobility Annual Audit
			Special request from AT&T Mobility; approved by Sgt Ing
	04/30/13	**04/30/13**	
	04/17/13 -- 04/18/13	**04/25/13**	AT&T Mobility Annual Audit
	03/29/13	**04/09/13**	VZW Annual Audit
	03/22/13	**03/26/13**	T-Mobile Annual Audit
	03/04/13 -- 03/08/13	**03/12/13**	Per AT&T Mobility CRS
	03/04/13		Nextel Annual Audit
	03/01/13		Sprint Annual Audit
	02/28/13		Per AT&T Mobility CRS; Changed tower ID

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
CALLER LOCATION			
WSP Cell Towers	02/26/13	**02/26/13**	Per AT&T Mobility CRS
	02/14/13	**02/14/13**	Corrected tower name for three (3) sectors
	02/08/13	**02/12/13**	Corrected spelling of community name for ten (10) sectors
	02/05/13		Per AT&T Mobility CRS
	01/28/13		Mobi PCS Annual Audit
			Per AT&T Mobility CRS
	01/25/13		Standardized field names
	01/18/13	**01/22/13**	Per AT&T Mobility CRS
	01/15/13		
	01/10/13		Corrected X-Y coordinates for T-Mobile towers
	01/08/13	**01/08/13**	Per VZW CRS
DISPATCH AND RESPONSE			
ESZ/ESN			
	11/20/2013		Edited ESN boundaries 205 and 208 in Kamuela and Honokaa.
	07/03/13	**07/23/13**	Corrected ESN boundary
Fire Beats (Includes Medic Beats)			
	06/10/13		Updated coastline
Fire Districts (Includes Medic Districts)			
	06/10/13		Updated coastline

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
DISPATCH AND RESPONSE			
Fire Response Areas			
	06/10/13		Updated coastline
MSAG Communities (aka Towns)			
	10/29/2013	**11/12/13**	Adjusted border between Captain Cook and Honaunau.
	06/10/13	**06/11/13**	Updated coastline
	01/08/13	**01/22/13**	Corrected topology errors
Medic Response Areas	**N/A for Hawaii County**		
Ocean Rescue Boundaries			
	06/14/13		Updated coastline
Police Beats			
	06/10/13		Updated coastline
Police Districts			
	06/10/13		Updated coastline
Police Response Areas			
	06/10/13		Updated coastline

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server** Date Created/ Edits Performed	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
DISPATCH AND RESPONSE			
WSP Cell Sectors	12/17/13	**12/24/13**	Per T-Mobile CRS
	12/13/13		Per T-Mobile CRS
	12/05/13	**12/11/13**	Per VZW CRS
		11/27/13	
		11/12/13	
	10/01/13	**10/08/13**	Per T-Mobile CRS
	09/26/13		Per AT&T Mobility CRS
	09/06/13	**09/10/13**	Per Sprint CRS
	08/14/13	**08/27/13**	Per VZW CRS
	08/07/13	**08/13/13**	
	08/02/13		Per T-Mobile Annual Audit
	07/19/13	**07/23/13**	Per VZW CRS
	07/18/13		Per Nextel CRS/Annual Audit
			Per AT&T Mobility CRS
	06/11/13	**06/25/13**	Per Sprint CRS
	06/10/13	**06/11/13**	Per VZW CRS
	05/22/13	**05/28/13**	
	05/09/13 -- 05/13/13	**05/14/13**	AT&T Mobility Annual Audit
	04/30/13	**04/30/13**	
	04/17/13 -- 04/18/13	**04/29/13**	AT&T Mobility Annual Audit
	03/29/13	**04/09/13**	VZW Annual Audit
	03/22/13	**03/26/13**	T-Mobile Annual Audit
	03/04/13 -- 03/08/13	**03/12/13**	Per AT&T Mobility CRS
	03/04/13		Nextel Annual Audit
	03/01/13		Sprint Annual Audit
	02/28/13		Per AT&T Mobility CRS; Changed tower ID
	02/26/13		Per AT&T Mobility CRS
	02/14/13	**02/26/13**	Corrected tower name for three (3) sectors
	02/08/13	**02/14/13**	Corrected spelling of community name for ten (10) sectors

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
DISPATCH AND RESPONSE			
WSP Cell Sectors	02/05/13	**02/12/13**	Per AT&T Mobility CRS
	01/28/13		Per AT&T Mobility CRS
	01/25/13		Standardized field names
	01/18/13	**01/22/13**	Per AT&T Mobility CRS
	01/15/13		
	01/10/13		Changed radiuses
	01/08/13	**01/08/13**	Per VZW CRS
RESPONSE ROUTING			
Street Centerlines	12/31/13		Corrected range to two (2) segments of Puhala St in Mountain View.
			Spatially adjusted Service St in Hilo. Corrected overlap, ranges and direction to segments of Operations St in Hilo.
	12/30/13		Corrected range and overlap to two (2) street segments of Honaunau Rd in Honaunau.
			Corrected range and overlap to two (2) segments of Haakoa Rd in Laupahoehoe.
			Flipped one (1) segment, corrected range to two (2) segments, and corrected overlap to two (2) segments of Laupahoehoe Point Rd in Laupahoehoe.
	12/27/13		Added Maluhia Rd and split segment of Piha Kahuku Rd in Papaaloa.
			Added range to two (2) segments of Hakuma St in Pahoa.
	12/26/13		Corrected parity to three (3) segments of Omeo Rd in Captain Cook.
			Added Waiono Ranch Rd and split segment of Mamalahoa Hwy in Holualoa.
			Added Hakuma St (two segments) and split segment of Pahoa Kalapana Rd in Pahoa.
	12/24/13		Corrected the range to three (3) segments of Derby Ln in Hilo.
			Corrected the range and parity to four (4) segments of Kohola St in Hilo.
			Corrected range and parity to two (2) segments of Manini St in Hilo.

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
RESPONSE ROUTING			
Street Centerlines	12/23/13	**12/24/13**	Changed street name from Unnamed6 Holualoa Rd to Hualalai Rd in Holualoa.
			Merged segments, corrected ranges and spatially adjusted Lolo Ln in Holualoa.
	12/19/13		Added Puamana Rd in Pahoa.
			Completed monthly update on street centerlines.
	12/17/13		Corrected range and overlap on two (2) street segments of Old Mamalahoa Hwy in Papaikou.
			Flipped, corrected overlap, and changed the name of two street segments of Camp 28 Rd (one segment in Pepeekeo and the other in Honomu) to Lauhulu Rd.
	12/16/13		Added Honuaino Rd in Kealakekua and assigned a range to Lukiana Pl in Honokaa.
			Flipped and corrected overlap of two (2) street segments of Kaakia Pl in Volcano.
	12/10/13	**12/11/13**	Flipped five (5) streets in Captain Cook.
			Corrected range to two (2) streets in Naalehu.
			Corrected range to three (3) street segments of Government Rd in Papaikou.
			Corrected overlap to five (5) streets in Captain Cook and two (2) streets in Papaikou.
	12/05/13		Changed three (3) segments of Macadamia Nut Dr to Macadamia Nut Rd in Keaau.
			Added Kaihenui Pl and split Huina Rd in Mountain View.
			Corrected range, parity and performed spatial adjustment to three (3) streets in Keauhou. Assigned street names to five (5) streets in Kealakeua and two (2) streets in Keauhou.
	12/03/13		Corrected overlap to seven (7) streets in Kamuela; corrected range to two (2) streets in Kailua Kona; flipped five (5) streets in Kamuela.
	11/29/13		Extended street segment for Honomainoa Rd in Papaaloa.

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
RESPONSE ROUTING			
Street Centerlines	11/26/13	**11/27/13**	Corrected address ranges to two (2) street segments of Hospital Rd in Kapaau and two (2) street segments of Tobacco Rd in Captain Cook.
	11/20/13		Assigned street name 'Omeo Rd' and extended three (3) of its segments and extended two (2) segments to unnamed street in Captain Cook.
			Edited left/right ESN boundary information for Waokele St in Kamuela and Honokaa.
	11/19/13		Added Lukiana Pl and split Ohia St in Honokaa. Added Nani Koa Pl and split Koholalele in Paauilo.
	11/13/14 -- 11/14/13		Completed Hawaii County Compare. Four (4) new street segments were added; thirteen (13) street segment ranges were changed; and five (5) street segment names were changed.
	10/30/2013	**11/12/13**	Extended six (6) ranges to include new addresses.
	10/28/2013		Flipped direction of 2 street segments in Kailua Kona.
	10/15/13 -- 10/17/2013	**10/22/13**	Monthly update on Street Centerlines. Four (4) New Street Segments were added; fourteen (14) Street Ranges were changed; five (5) Street Names were changed.
	10/7/2013		Corrected nine (9) no matching street range errors in Keaau; corrected one (1) no matching street range errors in Kurtistown; corrected one (1) no matching street name errors in Mountain View.
	10/2/2013	**10/08/13**	Corrected one (1) street parity error in Kailua Kona.
	09/16/13 -- 09/18/13	**09/25/13**	Monthly update on Street Centerlines
	09/09/13	**09/10/13**	Corrected a duplicate street segment name
	09/04/13		Created Ingress/Egress street segments to aid first responders

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
RESPONSE ROUTING			
Street Centerlines		**08/27/13**	
	08/21/13		Monthly update on Street Centerlines
	07/16/13	**07/23/13**	Monthly update on Street Centerlines
	06/18/13	**06/25/13**	Monthly update on Street Centerlines
	05/14/13	**05/28/13**	Monthly update on Street Centerlines
	04/15/13	**04/25/13**	Monthly update on Street Centerlines
	03/11/13 -- 03/12/13	**03/12/13**	Monthly update on Street Centerlines
	02/15/13	**02/26/13**	Monthly update on Street Centerlines
	01/23/13	**02/12/13**	Added two (2) street segments
	01/16/13 -- 01/17/13	**01/22/13**	Monthly update on Street Centerlines
		01/08/13	
VISUAL REFERENCE			
Coastline			
	06/04/13 -- 06/07/13		Edited coastline to fit imagery. This is an ongoing project.

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems and are NG9-1-1 i3 ready

HAWAII			
Type of Layer	**Akimeka GIS Server** **Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
VISUAL REFERENCE			
Major Roads			
Parcels			
		11/12/13	
	10/28/2013		Completed editing parcel boundaries to match coastline to improve the quality of a highly used layer by the PSAP for visual reference purposes.
			Uploaded corrected parcel layer to SDE.
	10/03/13 -- 10/07/13	**10/08/13**	Edited parcel boundaries to match coastline to improve the quality of a highly used layer by the PSAP. This is an ongoing project.
	09/09/13 -- 09/10/13	**09/25/13**	Annual update
	05/20/13	**05/28/13**	Corrected topology errors
	01/08/13	**01/22/13**	Corrected topology errors
Trails			
SPECIAL REQUESTS			
Correctional Facilities			

Note:	Street Centerlines, Address Points and Parcels layers are provided by Hawaii County.
	Effective May 2, 2012, Akimeka spatially moved the Parcels layer to align with the Street Centerlines and Pictometry. The Parcels layer uploaded to the PSAP GIS server is intended for 9-1-1 purposes only and should not be disseminated to other County agencies.
	For the Street Centerlines and Address Points layer, effective November25, 2009, Akimeka will compare and incorporate the County's changes into Akimeka's Street Centerlines and Address Points layers respectively.

❖ *Everytime the GIS Update tool is used, Indexes and Cache have to be built. The Positron system configurator is adjusted every time a layer is loaded in the PowerMap database. Each PSAP position is updated accordingly.*

• Mapping Layers Updated/Loaded Into GIS – December 2013 (continued)

Address Points and Street Centerlines Update Comparison

On a routine basis, upon receipt of Hawai'i County Planning Department's Address Points and Street Centerlines layer updates, Akimeka compares and incorporates any of the County's additions, changes, and deletions into the Akimeka Address Points and Street Centerlines layers. In the month of May 2012, Akimeka added a process to identify changes to the Street Segment Names which has been included in the chart below.

The Address Points and Street Centerlines layer comparative analysis was completed on the updates received from the Hawai'i County Planning Department on **December 19, 2013**. Results are as follows:

HAWAII COUNTY	Address Points Layer	Street Centerlines Layer
# of New Street Segments Added		0
# of Street Segments Removed		0
# of New Addresses Added	86	
# of Addresses Removed	0	
# of Street Segment Range Changes		0
# of Street Segment Name Changes		0
# of Address Street Name Changes	9	
# of Address Street Number Changes	9	

Note: Some Address Points have its street name and street number changed at the same time. These are counted as separate actions since these changes are needed to make the layers "9-1-1 capable" for dispatch and response.

Address Points and Street Centerlines Update Comparison **2013 Year Totals**

HAWAII COUNTY	Address Points Layer	Street Centerlines Layer
# of New Street Segments Added		66
# of Street Segments Removed		1
# of New Addresses Added	1342	
# of Addresses Removed	91	
# of Street Segment Range Changes		150
# of Street Segment Name Changes		54
# of Address Street Name Changes	295	
# of Address Street Number Changes	126	

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Service Requests Transactions**

Open Service Requests – November 2013 (October 30, 2013 – November 27, 2013)

#	Date	Ticket #	Description	Category	Urgency	Comments
1	06/03/10	225	Verify addresses on Puako Beach Road	MSAG - ANI/ALI Discrepancy	Normal	Customer records were researched and update requests were sent to Sprint via Intrado and Hawaiian Telcom, Inc. (HTI). Verification of Puako Beach Road addressing information in the GIS database along with the MSAG record information will be compared. MSAG and GIS clean-up process began on October 1, 2012. Field work was conducted in October 2012 to correct the address number discrepancies on Puako Beach Road. Akimeka submitted TN CRs to HTI via Intrado in 9-1-1Net and the County of Hawai`i Planning department mailed out re-addressing forms to all homeowners, providing the updated 6-digit address numbers. Akimeka sent an email follow-up to Intrado on September 11, 2013 requesting a status update. A follow-up email was sent to Intrado on November 20, 2013 requesting a status update. The 118 TNs remain in "Referred" status as of November 26, 2013. The status of these pending TN CRs will be tracked until all TNs are updated to their correct locations.
2	11/21/13	621	Incorrect Address: TN= (808) 322-2921	MSAG - ANI/ALI Discrepancy	Normal	TN informationhas been submitted to 9-1-1Net.

Note: *Open Service Requests reflect what is in pending status at the end of the report month.*

Hawai'i County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Service Requests Transactions (continued)**

Year-to-Date (YTD) Summary – 2013

HAWAII				SERVICE REQUEST CATEGORIES							
2013	TOTAL			911 Map		MSAG		Request Training		Suggestions	
	Created	Closed	Open	Created	Closed	Created	Closed	Created	Closed	Created	Closed
December	1	1	2	0	0	1	1	0	0	0	0
November	2	1	2	0	0	2	1	0	0	0	0
October	1	2	1	0	0	1	2	0	0	0	0
September	3	3	2	0	0	3	3	0	0	0	0
August	4	4	2	0	0	4	4	0	0	0	0
July	2	2	2	0	0	2	2	0	0	0	0
June	1	2	2	0	0	1	2	0	0	0	0
May	2	2	3	1	1	1	1	0	0	0	0
April	9	10	3	0	0	9	10	0	0	0	0
March	4	4	4	0	0	4	4	0	0	0	0
February	4	3	4	0	0	4	3	0	0	0	0
January	6	4	3	0	0	6	4	0	0	0	0
2012 Carryover	1	0	1	0	0	1	0	0	0	0	0
TOTAL	**40**	**38**	**2**	**1**	**1**	**39**	**37**	**0**	**0**	**0**	**0**

Note: *Open Service Requests reflect what is in pending status at the end of the report month.*

Definitions:	Category	Description
	911 Map	Mapping computer not functioning or displaying properly
	MSAG	Discrepancies with 9-1-1 MSAG addresses
	Request Training	E-911 Operations training needs
	Suggestions	Vehicle to share suggestions

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations**

9-1-1 Call Volume – December 2013

PSAP	Total	Wireline	%	Wireless	%
KAUAI	4,131	945	22.9%	3,183	77.1%

9-1-1 Call Volume – Calendar Year 2013

Source: **Plant/CML Call Volumes Provided by Hawaiian Telcom, Inc. through November 5, 2013, 10:30 p.m. HST**

Source: **Intrado Viper effective November 6, 3:43 a.m. HST**

Note: **There were no call volume statistics between November 5, 2013, 10:30 p.m. HST and November 6, 2013, 3:43 a.m. HST while the PSAP were on the 9-1-1 back-up system during the Intrado Viper conversion.**

KAUAI		TOTAL PSAP 9-1-1 CALL VOLUME							
		Wireline		Wireless		Admin		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
December	4,131	945	22.9%	3,183	77.1%	0	0.0%	748	18.1%
November (2)	2,577	705	27.4%	1,872	72.6%	0	0.0%	645	25.0%
November (1)	556	160	28.8%	396	71.2%	0	0.0%	106	19.1%
October	3,223	934	29.0%	2,289	71.0%	0	0.0%	668	20.7%
September	3,367	931	27.7%	2,435	72.3%	1	0.0%	604	17.9%
August	3,647	1,073	29.4%	2,574	70.6%	0	0.0%	664	18.2%
July	3,566	1,117	31.3%	2,449	68.7%	0	0.0%	616	17.3%
June	3,165	959	30.3%	2,206	69.7%	0	0.0%	664	21.0%
May	3,130	962	30.7%	2,168	69.3%	0	0.0%	622	19.9%
April	3,134	919	29.3%	2,215	70.7%	0	0.0%	664	21.2%
March	3,356	1,091	32.6%	2,257	67.4%	8	0.2%	800	23.8%
February	2,916	926	31.8%	1,990	68.2%	0	0.0%	659	22.6%
January	3,178	1,011	31.9%	2,154	68.1%	13	0.4%	640	20.1%
TOTAL YTD	**39,946**	**11,733**	**29.4%**	**28,188**	**70.6%**	**22**	0.1%	**8,100**	**20.3%**
AVG PER MO	**3,329**	**978**		**2,349**		**2**		**675**	

Note: *Total Calls include Administrative calls that are not direct 9-1-1 calls.*

Note: *The "Avg Per Mo" excludes the partial month of November 2013.*

Notes:

(1) Total call volumes include Administrative calls. (Administrative calls = Calls made between 9-1-1 positions but are not 9-1-1 calls.)

(2) "Abandoned" calls represent the number of incoming 9-1-1 calls for which the caller had hung up before a call-taker answered.

(3) "Abandoned" calls are included in the "Wireline" and "Wireless" counts respectively. The standard CML reports do not provide a break-out of "Abandoned" calls between "Wireline" and "Wireless" calls.

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **PSAP Operations (continued)**

Total 2013 Combined Viper and Plant CML 911 Call Volumes

KAUAI		TOTAL PSAP 9-1-1 CALL VOLUME							
		Wireline		Wireless		Admin		Abandoned	
2013	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	39,946	11,733	29.4%	28,188	70.6%	22	0.1%	8,100	20.3%
AVG PER MO	3,329	978		2,349		2		675	

Total 2012 CML Call Volumes

KAUAI		TOTAL PSAP 9-1-1 CALL VOLUME							
		Wireline		Wireless		Admin		Abandoned	
2012	Total	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Wireline & Wireless	# of Calls	% to Total Calls	# of Calls	% Abandoned to Total
TOTAL YTD	38,299	12,196	31.9%	26,054	68.1%	49	0.1%	8,089	21.1%
AVG PER MO	3,192	1,016		2,171		4		674	

911 Call Volume Comparison 2012 - 2013

Call Center E9-1-1 Call Volume statistics for 2013 are **39,946** total calls; 11,733 (29.4%) Wireline and 28,188 (70.6%) Wireless. Total PSAP 9-1-1 Call Volumes increased by **1,647** in 2013 from 2012 – with Wireline calls further declining by 2.5% and Wireless calls increasing by 2.5%.

Intrado Viper 9-1-1 Call Volume Statistics

During the month of December 2013, all PSAPs in the State of Hawai‘i will collaborate and agree upon a standardized method to report PSAP Call Volumes beginning in 2014.

- **PSAP Operations (continued)**

Wireless Test – December 2013

Date	WSP	Sites Tested	Sectors Tested	Tested By	Test Pass/Fail
12/13/13	Sprint	3	3	Kauai PSAP/ Akimeka	Pass
12/14/13	Sprint	1	1	Kauai PSAP	Pass

Current Month PSAP Operations Activities – December 2013

12/15/2013 A Holiday " No Cell Tower/Sector Testing" period was scheduled between the PSAP and Wireless Service Providers for 12/15/13 to 01/04/14. Notification was sent on 11/07/2013

12/31/2013 County of Kauai annual statistics: Call Center E9-1-1 Call Volume statistics are **39,381** total calls; 11,777 (29.9%) Wireline and 27,582 (70.1%) Wireless. Total PSAP 9-1-1 Call Volumes increased by **1,082** in 2013 from 2012 – with Wireline calls further declining by 2% and Wireless calls increasing by 2%. Wireless E9-1-1 Database has added/modified/deleted on **85** towers and **254** sectors to the Wireless E9-1-1 database this calendar year. Annual quality assurance audits on **119** towers and **584** sectors to the Wireless E9-1-1 database. The MSAG maintenance program provided **1317** MSAG Database transactions to the Kauai County MSAG Database. A monthly average of **110**.

12/31/2013 To date, there have been no major problems experienced by the PSAPs due to the implementation of the Intrado Viper Platform.

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

MSAG

Current Month – December 2013

2013		9-1-1NET REQUESTS									In Referred Status as of Report Month End (c)		In Suspended Status as of Report Month End (d)	
		MSAG TRANSACTIONS							ALI TRANSACTIONS					
PSAP	TOTAL	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected	County Address Change Request (TN CR) Processed (a)	ALI Discrepancy (ALI-DR) Processed (b)	TN CR	ALI-DR	# of Transactions	TNs Affected
KAUAI	84	15	5	1	5	2	2	192	69	0	141	0	0	0

A total of eighty-four MSAG transactions were processed during the month of December 2013. Fifteen (15) 9-1-1Net requests were processed relating to the MSAG database, with 192 customer ANI/ALI records updated as a direct result. Sixty-nine (69) TN CR transactions were processed in 9-1-1Net for updates and corrections to the ALI database. The TN CRs were submitted as a result of the ESN 499 clean-up effort. Streets and address ranges were validated against the GIS to ensure synchronization and an MSAG address was provided to the Telco. TN CRs must be validated against HT records and approved by the end user Hawaiian Telcom customer before updating the ALI record.

There are 141 TN CRs in Referred status as of December 31, 2013.

141 TN CRs that remain in "Referred" status are a direct result of the ESN 499 clean-up and are awaiting approval from end user Hawaiian Telcom customer in order to update the ALI records. No explanation has been provided by HTI as to why these TN CRs have not been processed for 9-1-1 purposes.

Intrado will notify Akimeka when each TN has been updated in 9-1-1Net

There are no ALI-DRs in Referred status as of December 31, 2013.

There are no records in Suspended status as of December 31, 2013.

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **MSAG (continued)**

Year-to-Date (YTD) Summary – 2013

KAUAI		9-1-1NET REQUESTS									In Referred Status as of Report Month End (c)		In Suspended Status as of Report Month End (d)	
		MSAG TRANSACTIONS							ALI TRANSACTIONS					
2013	TOTAL	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected (*)	County Address Change Request (TN CR) Processed (a)	ALI Discrepancy (ALI-DR) Processed (b)	TN CR	ALI-DR	# of Transactions	TNs Affected
December	84	15	5	1	5	2	2	192	69	0	141	0	0	0
November	32	25	9	6	0	8	2	291	7	0	113	0	0	0
October	14	14	8	0	3	2	1	321	0	0	116	0	0	0
September	27	5	1	0	0	4	0	44	22	0	125	1	0	0
August	58	1	1	0	0	0	0	12	57	0	114	1	0	0
July	161	9	2	0	5	2	0	5	150	2	78	1	0	0
June	123	5	1	0	3	1	0	14	118	0	60	0	0	0
May	44	6	1	0	1	4	0	231	38	0	39	5	0	0
April	76	11	1	0	9	0	1	2	65	0	39	5	5	5
March	480	17	2	0	10	5	0	3	461	2	102	6	5	5
February	16	16	2	0	10	4	0	3	0	0	28	6	5	5
January	202	7	1	0	5	1	0	15	195	0	206	11	3	3
TOTAL YTD	**1,317**	**131**	**34**	**7**	**51**	**33**	**6**	**1,133**	**1,182**	**4**				
AVG PER MO	**110**	**11**	**3**	**1**	**4**	**3**	**1**	**94**	**99**	**0**				

Note: *Revised categories and report format changes effective May 2012 with new Intrado TN CR functionality.*

Definitions:	(a)	Represents address corrections on a specific TN or group of TNs. These "invalid" TNs usually have an associated ESN x99 attached to them which indicates the need for validation.
	(b)	Represents an address discrepancy discovered during a live 9-1-1 call. These record corrections are treated with a higher priority and should be processed within 48 hours as a general guideline.
	(c)	Represents correction requests that have been referred by Intrado to the appropriate service provider and is awaiting approval to be updated in 9-1-1Net.
	(d)	Represents correction requests that have been "paused" due to TN fallouts, range overlaps, or not having a valid address point. Intrado requires additional information from Akimeka/PSAP before the Telco approves the change.

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

KAUAI			
Type of Layer	**Akimeka GIS Server Date Created/ Edits Performed**	**Date Loaded Into PSAP GIS Server**	**Other/Remarks**
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Address Points			
		12/27/13	
		12/12/13	
		11/27/13	
	11/12/13	**11/14/13**	Added Routing ID to forty-two (42) address points , spatially corrected eight (8) address points, and corrected three (3) addresses in Moloaa.
	11/07/13		Spatially corrected eight (8) addresses in Anahola; sixty (60) in Hanamaulu; nine (9) in Hanapepe.
	11/04/13		Spatially corrected fifteen (15) address points in Kalaheo.
	10/31/2013		Assigned seventy-eight (78) Routing ID
	10/30/2013		Assigned ninety-two (92) Routing ID
	10/29/2013		Spatially adjusted seventy-seven (77) address points in Waimea and three (3) in Wainiha. Corrected four (4) addresses in Waimea.
			Spatially corrected 32 address points in Kapaa while working on address validations.
	10/21/2013	**10/24/13**	Corrected 4499 Aku Rd to 505156 Kuhio Hwy, Hanalei.
			Spatially corrected nine (9) addresses in Haena
	10/10/13	**10/10/13**	Corrected one (1) address point's full address that had the wrong street type. Also corrected the Postal Community and standardized the data source entries. Populated location names and removed duplicate location names for parcels with multiple addresses.
	10/07/13		Added one (1) new address in Kapaa assigned by Kauai Public Works
		09/26/13	
	09/20/13		Spatially corrected 164 address points -- fifty-four (54) addresses in Kilauea, fourteen (14) in Moloaa and ninety-six (96) in Wailua.
		09/12/13	
		08/29/13	
		08/15/13	
	08/05/13		Added two (2) address points per Kauai County Addressing Authority

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Address Points	07/25/13	**07/25/13**	Added address point for Koloa Landing At Poipu Beach
	07/23/13		Added address 11000 Kaumualii Hwy, Pakala
		07/11/13	
	07/08/13		Spatially corrected 203 address points in Lihue and Nawiliwili
		06/27/13	
	06/20/13		Added one (1) address point assigned by the Kauai County Addressing Authority
		06/13/13	
	06/06/13		Added two (2) addresses received from the Kauai County Addressing Authority
	06/03/13		Added one (1) address received from the Kauai County Addressing Authority
		04/11/13	
	04/09/13		Added one (1) address point
	04/08/13		Updated address for Medic 22
		03/14/13	
	03/07/13		Corrected one (1) address per SR#556
		02/28/13	
	02/25/13		Added one (1) address received from the Kauai County Addressing Authority
		02/22/13	
	02/14/13 -- 02/15/13		Added three (3) addresses received from the Kauai County Addressing Authority
	01/31/13		Corrected an address
	01/29/13		Corrected MSAG Community for thirty-five (35) addresses
	01/28/13		Added one (1) address received from the Kauai County Addressing Authority
	01/25/13		Removed the hyphen in the Street Name -- Pua Kenikeni St, Lawai
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Emergency Callboxes			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Fire Beats	06/12/13		Updated coastline
	03/12/13		
Fire Districts			
	06/12/13		Updated coastline
	03/12/13		
Fire Response Areas			
	06/12/13		Updated coastline
	03/12/13		
Fire Stations		**03/14/13**	
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Incident Response Area			
	06/14/13		Updated coastline
	02/06/13		Corrected the IRA boundary between Lihue and Nawiliwili
Major Roads		**01/10/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
MSAG Communities (aka Towns)			
	11/13/2013	**11/14/13**	Adjusted the MSAG boundary between Mana and Kekaha so 6900 Kaumualii Hwy would be within the boundary of Kekaha; Adjusted the MSAG boundary between Nawiliwili and Lihue to include 3132 Ninini Point St within the boundary of Lihue.
	10/23/2013		Corrected MSAG Community Hanapepe boundary to include 3905 Hanapepe Rd.
		06/27/13	
	06/13/13 -- 06/14/13		Updated coastline
		03/14/13	
	03/04/13		Corrected MSAG Community topology errors
	02/06/13		Corrected the community boundary between Lihue and Nawiliwili
	01/29/13		Corrected the boundary between Hanapepe and Eleele and between Mana and Kekaha
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.

• Mapping Layers Updated/Loaded Into GIS (continued)

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Medic Beats			
	06/12/13		Updated coastline
Medic Districts			
	06/12/13		Updated coastline
Medic Response Areas			
Medic Stations			
		04/11/13	
	04/08/13		Updated address for Medic 22
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Milepost Markers			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Points of Interest			
		09/12/13	
	09/06/13		Added Kealia Post Office
		04/11/13	
	04/09/13		Added one (1) address point
	04/08/13		Updated address for Medic 22
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Police Beats		**06/27/13**	
	06/14/13		Updated coastline
		03/14/13	
	03/12/13		
		02/22/13	
	02/06/13		Corrected the Police Beats between 150 and 156
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.

• Mapping Layers Updated/Loaded Into GIS (continued)

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Police Districts	06/14/13		Updated coastline
	03/12/13		
Police Response Areas		**06/27/13**	
	06/14/13		Updated coastline
		03/14/13	
	03/12/13		
	02/06/13		Corrected the Police Response Areas between 150 and 156
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Police Stations		**01/10/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Schools		**01/10/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Street Centerlines	12/20/13	**12/23/13**	Added Kuia St [five (5) segments] in Koloa.
	12/18/13		Changed street segment name from Puuwai St to Rita Ln in Kalaheo.
	12/05/13	**12/12/13**	Changed street name in Waipouli to match street name on physical street sign.
		11/27/13	
	11/12/13	**11/14/13**	Modified two (2) street segments in Moloaa to correctly correspond to address points
	11/07/13		Spatially corrected Manamana Rd, Anahola, Akuli St, Hanamaulu, Kane Rd, Hanapepe, Kona Rd, Hanapepe, Lea Ln, Hanapepe and Luka Pl, Hanapepe. Spatially corrected and adjusted the range on Moi Rd, Hanapepe. Adjusted range on Kuhio Hwy, Anahola.
	11/04/13		Extended the range for McBride New Mill Rd, Numila, Olali St, Port Allen, Maalo Rd, Hanamaulu, Awawa Rd, Hanapepe and Lolo Rd, Kalaheo. The MSAG Coordinator was notified as these changes affect the MSAG.
	10/31/2013		Assigned nine (9) street segment ranges of Kaumualii Hwy in the following MSAG Communities: Waimea, Koloa, Lihue and Omao. Modified one (1) street segment range of Kaumualli Hwy in Lihue. Akimeka's MSAG Coordinator was notified as it affects the MSAG.
	10/30/2013		Assigned six (6) street segment ranges of Kaumualii Hwy in the following MSAG Communities: Kaumakani and Olokele. Corrected one (1) street segment range of Kaumualli Hwy in Pakala and Kipapa Rd, Wailua. Akimeka's MSAG Coordinator was notified as these changes affect the MSAG.

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Street Centerlines	10/29/2013	**11/14/13**	Spatially corrected two street segments in Waimea. Modified eight (8) street segment ranges in Waimea, one (1) in Hanalei and one (1) in Wainiha according to their corresponding address points.
	10/21/2013	**10/24/13**	Updated ranges on Aku Rd and Weke Rd, Hanalei.
	10/10/13	**10/10/13**	Corrected the MSAGException code to "1" for seven (7) street centerline segments with 0-0 ranges. These errors were part of a Kauai No Match and Error Report for September.
			Corrected Postal Community, MSAG Owner, and Data Source attributes for all Street Centerline segments.
	10/08/13		Corrected one (1) range overlap in Hanamaulu; two (2) street pointing the wrong direction and one (1) range gap in Kapaa; one (1) To less than From and two (2) street pointing in the wrong direction in Kalaheo; one (1) street pointing in the wrong direction in Kekaha; eight (8) street pointing in the wrong direction and four (4) range overlaps in Lihue; and two (2) range overlaps in Nawiliwili.
		09/26/13	
		07/25/13	
	07/23/13		Edited high range on Kaumualii Hwy, Pakala to 11101
		06/13/13	
	06/06/13		Altered low range on Kakela Makai Dr per the Kauai County Addressing Authority
		05/24/13	
	05/09/13		Assigned ranges for Nohili Rd and Tartar Dr, Mana
	05/06/13		Assigned ranges for Nohili Rd, Mana
		03/28/13	
	03/15/13		Added ranges for Kahalawai St and Kalahiki St, Kukuiula as assigned by the Kauai County Addressing Authority
		03/14/13	
	03/12/13		
	03/04/13		
		02/28/13	
		02/22/13	
	02/15/13		Added one (1) street centerline received from the Kauai County Addressing Authority
	02/13/13		Extended the range for Aulima Rd, Lawai as received from the Kauai County Addressing Authority
	01/25/13		Removed the hyphen in the Street Name -- Pua Kenikeni St, Lawai
Trails			

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

WSP Cell Sectors (Polygon)		**12/23/13**	
	12/10/13	**12/12/13**	Per SPPCS CRS
	12/06/13		Per VZW CRS
		11/27/12	
		11/14/13	
	10/21/2013	**10/24/13**	Per AT&T Mobility CRS
		10/10/13	
	09/27/13		Per AT&T Mobility CRS
		09/26/13	
		08/29/13	
	08/28/13		Per Sprint CRS
		08/15/13	
	07/29/13		Per VZW CRS
		07/25/13	
	07/18/13		Per AT&T Mobility CRS
			Per Nextel CRS/Annual Audit
		07/11/13	
	07/08/13		Per Sprint CRS
			Per Sprint CRS
	07/01/13		
		06/27/13	
	06/20/13		T-Mobile Annual Audit
		06/13/13	
	06/10/13		Per VZW CRS
		05/24/13	
	05/07/13 -- 05/10/13		AT&T Mobility Annual Audit
	05/01/13		
	04/16/13		Per VZW CRS
	04/01/13		VZW Annual Audit
	03/22/13		T-Mobile Annual Audit
	03/12/13		Per VZW CRS
	03/01/13		Sprint Annual Audit
	02/26/13		Per VZW CRS
	02/20/13		Per AT&T Mobility CRS
	02/08/13		Corrected spelling of community name for two (2) sectors
	02/04/13		Per VZW CRS

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

WSP Cell Towers (Points)			
		12/23/13	
	12/10/13	**12/12/13**	Per SPPCS CRS
	12/06/13		Per VZW CRS
		11/27/12	
		11/14/13	
	10/21/2013	**10/24/13**	Per AT&T Mobility CRS
		10/10/13	
	09/27/13		Per AT&T Mobility CRS
		09/26/13	
		08/29/13	
	08/28/13		Per Sprint CRS
		08/15/13	
	07/29/13		Per VZW CRS
		07/25/13	
	07/18/13		Per AT&T Mobility CRS
			Per Nextel CRS/Annual Audit
		07/11/13	
	07/08/13		Per Sprint CRS
			Per Sprint CRS
	07/01/13		Per AT&T Mobility CRS
		06/27/13	
	06/20/13		T-Mobile Annual Audit
		06/13/13	
	06/10/13		Per VZW CRS
	05/07/13 -- 05/10/13		
	05/01/13		AT&T Mobility Annual Audit
		04/23/13	
	04/19/13		AT&T Mobility Annual Audit
	04/16/13		Per VZW CRS
		04/11/13	
	04/01/13		VZW Annual Audit
		03/28/13	
	03/22/13		T-Mobile Annual Audit
		03/14/13	
	03/12/13		Per VZW CRS
	03/04/13		Nextel Annual Audit
	03/01/13		Sprint Annual Audit
		02/28/13	
	02/26/13		Per VZW CRS
		02/22/13	

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

WSP Cell Towers (Points)	02/20/13		Per AT&T Mobility CRS
	02/08/13		Corrected spelling of community name for two (2) sectors
	02/04/13		Per VZW CRS
		01/24/13	
	01/11/13		Changed radiuses
OTHER SUPPORTING 9-1-1 PUBLIC SAFETY LAYERS (Listed Alphabetically)			
Churches		**01/10/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Gas Stations			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Food & Beverage			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Hospitals			
		02/28/13	
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Lodging			
		08/15/13	
	07/25/13		Moved Koloa Landing At Poipu Beach to correct TMK
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Medical Facilities			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Parcels		**01/10/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Parks		**01/10/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Parks Polygon			
		06/27/13	
	06/14/13		Updated coastline
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Post Offices		**09/12/13**	
	09/06/13		Added new Kealia Post Office
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Subdivisions			
DISASTER/HOMELAND SECURITY LAYERS (Listed Alphabetically)			
Airports		**01/10/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Bridges			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.

Note: The Parcels layer is provided by Kauai County. Akimeka performs edits on the spatial information of the layer for 9-1-1 purposes. Changes to the attribute table are made when needed. The Parcels layer uploaded to the PSAP GIS Server is intended for 9-1-1 purposes only and should not be disseminated to other county agencies.

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

Coastline			
	06/06/13 -- 06/11/13		Edited coastline to fit imagery. This is an ongoing project.
	05/23/13		Corrected coastline along ESN 406 boundary
Coastal Names			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Communications		**01/10/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Emergency Shelters			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Emergency Operation Centers (EOC)			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Government Buildings			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Harbors			
Helipads			
Hydrants		**01/10/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Hydrology Layers			
- Dams			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Mapping Layers Updated/Loaded Into GIS (continued)**

Calendar Year Summary 2013 (Includes December 2013 Activity)

9-1-1 GIS layers provided by Akimeka to the PSAP are designed for use on E9-1-1 systems.

- Ponds		**01/10/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
- Streams (Includes Rivers)			
- Waterfalls			
Ocean Rescue Boundaries			
		06/27/13	
	06/17/13		Updated coastline
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Ocean Safety (Includes Lifeguard Stands)			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Tsunami Evacuation Zones			
Tsunami Heights			
United States National Grid (50K)			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
Waste Water Plants			
SPECIAL REQUESTS			
KCC Building Outline			
		01/10/13	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.
KCC Callboxes		**01/10/13**	Akimeka re-designed PowerMap. The new design included implementation of a consistent naming schema and formatting layers to construct a robust and user friendly map.

- **Mapping Layers Updated/Loaded Into GIS – December 2013**
  (continued)

CAD GIS Upload Process

Current Month GIS Activities – December 2013

12/12/13	Akimeka prepared and uploaded the following data onto the Kauai GeoComm computer: Address Points, Street Centerlines, WSP Cell Sectors, WSP Cell Towers and GeoFile for Street Centerlines.
12/23/13	Akimeka prepared and uploaded the following data onto the Kauai GeoComm computer: Address Points, Street Centerlines, WSP Cell Sectors, WSP Cell Towers and GeoFile for Street Centerlines.
	Akimeka continues to upload updated data to the GeoComm computer on a bi-monthly basis.

❖ *Everytime the GIS Update tool is used, Indexes and Cache have to be built. The Positron system configurator is adjusted every time a layer is loaded in the PowerMap database. Each PSAP position is updated accordingly.*

Kauai County E9-1-1 Status Report
December 1, 2013 – December 31, 2013

- **Service Requests Transactions**

Open Service Requests – December 2013 (November 30, 2013 – December 31, 2013)

#	Date	Ticket #	Description	Category	Urgency	Comments
			NONE			

Note: *Open Service Requests reflect what is in pending status at the end of the report month.*

Year-to-Date (YTD) Summary – 2013

KAUAI				SERVICE REQUEST CATEGORIES							
2013	TOTAL			911 Map		MSAG		Request Training		Suggestions	
	Created	Closed	Open	Created	Closed	Created	Closed	Created	Closed	Created	Closed
December	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0
August	0	1	0	0	0	0	1	0	0	0	0
July	1	0	1	0	0	1	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0
March	1	1	0	0	0	1	1	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0
January	0	1	0	0	0	0	1	0	0	0	0
2012 Carryover	1	0	1	0	0	1	0	0	0	0	0
TOTAL	**3**	**3**	**0**	**0**	**0**	**3**	**3**	**0**	**0**	**0**	**0**

Note: *Open Service Requests reflect what is in pending status at the end of the report month.*

Definitions:	Category	Description
	911 Map	Mapping computer not functioning or displaying properly
	MSAG	Discrepancies with 9-1-1 MSAG addresses
	Request Training	E-911 Operations training needs
	Suggestions	Vehicle to share suggestions