



STATE OF HAWAII

**Enhanced 911 Board
Communications, Technical and Finance Meeting
Kalanimoku Bldg., Room 322B
1151 Punchbowl St., Honolulu
Thursday, July 9, 2015 (Combined meeting)
9am – 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 Month's Meeting Minutes
V. Committee Updates by Committee Chairs**

- a. Communications Committee – Steven Schutte
 - i. Acknowledgment of new committee members.
 - ii. Legislative Investigative Committee update- Paul Ferreira
 - 1. Acknowledgment of new committee members.
- b. Technical Committee – Thalia Burns
 - i. Acknowledgement of new committee members.
 - ii. Investigative Regulatory Committee update – Marshall Kanehailua
 - 1. Acknowledgment of new committee members.
 - iii. FCC updates.
 - iv. Oahu PSAP Technical issues update.
 - v. Text-2-911 update
 - vi. Request for Approval:
 - 1. APCO Conference August 16-19, 2015, Wash.DC
 - a. HPD (2 + 1 Board member) - \$10,500
 - b. MPD (2) - \$7,000.
 - c. KPD (2) - \$7,000.
 - d. HawPD (2) -\$7,000.
 - e. HFD (1) - \$3,000.
 - vii. Others
- c. Finance Committee – Kiman Wong
 - i. Acknowledgement of new committee members.
 - ii. Request for Funding Approval:
 - 1. HawPD - Imagery Licensing Agreement FY2015 HawPD \$626.4K
 - 2. HawPD - Imagery Licensing Agreement FY2016 HawPD (\$300.0K).

3. APCO Conference August 16-19, 2015, Wash.DC
 - a. HPD (2 + 1 Board member) - \$10,500
 - b. MPD (2) - \$7,000.
 - c. KPD (2) - \$7,000.
 - d. HawPD (2) - \$7,000.
 - e. HFD (1) - \$3,000
- iii. Review of Monthly Cash Flow & Budget Financial report
 1. Others

VI. PSAP Status Updates

- a. Kauai – Mark Begley
- b. Oahu – A. Nagata
- c. Molokai – J. Jakubczak
- d. Maui – J. Jakubczak
- e. Hawaii – Paul Ferreira

VII. Items for Discussion, Consideration and Action

- a. 911 Timeline update.
- b. Others

VIII. Announcements

- a. Meeting dates (9:00am – 12 noon):
 - i. Thursday, August 13, 2015 (Combined meeting)
 - ii. Thursday, September 10, 2015 (Combined meeting)
 - iii. Thursday, October 8, 2015 (Combined meeting)
 - iv. Thursday, November 12, 2015 (Combined meeting)
 - v. Thursday, December 10, 2015 (Combined meeting)
- b. Others

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

X. Adjournment



STATE OF HAWAII
Enhanced 911 Board

Communications, Technical and Finance Meeting
Kalanimoku Bldg., Room 322B
1151 Punchbowl St., Honolulu
Wednesday, July 15, 2015 (Combined meeting)
9am – 12 noon

Meeting Minutes

Communications Committee members present: Thalia Burns, Paul Ferreira, and Lavina Taovao.

Communications Committee members absent: Steven Schutte and Davlynn Racadio.

Technical Committee members present: Thalia Burns (Chair), Clement Chan, John Jakubczak, AhLan Leong, Dave Miyasaki, Eleni Papakiristis, Tony Ramirez and Kenison Tejada.

Technical Committee members absent: Rob Gausepohl, Marshall Kanehailua, Gary Lum, Jeff Riewer, Steven Schutte and Kiman Wong.

Finance Committee members present: Paul Ferreira, Mark Begley and Roy Irei.

Finance Committee members absent: Lisa Hiraoka, Randy Macadangdang and Kiman Wong.

Staff members present: Courtney Tagupa, Stella Kam and Kerry Yoneshige.

Guests: Travis Ing (HawPD), Dean Rickard (MPD), Eleni Papakiristis (HT), Ryan Freitas (HT), Michael Otsuji (OIMT), Mark Wong (DIT), Eric Butler (Pictometry), Bonnie Young (MPD), Diane Chun (ESD), Wayne Hiras (Sandwich Isles) and Alan Nagata (HPD).

I. Call to Order, Public Notice, Quorum

- a. The Board Chair called the meeting to order at 9:05 am.
- b. Quorum was present for the Communications and Technical Committees. The Finance committee did not have quorum.

II. Public testimony on all agenda items

- a. The Board Chair requested if anyone present who wishes to provide testimony to please come forward; no one came forward.

III. Introductions

- a. The Board chair requested that all in attendance introduce themselves.

IV. Review and Approval of Last Month's Meeting Minutes

- a. Mark Begley motioned to approve the meeting minutes with the noted amendments. The motion was seconded and approved by voice vote.

V. Committee Updates by Committee Chairs

- a. Communications Committee – Steven Schutte
 - i. Acknowledgment of new & returning committee members.
 - 1. Steven Schutte – Chair
 - 2. Paul Ferreira – HawPD
 - 3. Davlynn Racadio – MPD

4. Lavina Taovao – KPD
5. Thalia Burns - HPD
- ii. Legislative Investigative Committee update- Paul Ferreira
 1. Acknowledgment of new & returning committee members.
 - a. Paul Ferreira – Chair
 - b. Roy Irei – T-Mobile
 - c. Stella Kam – AG
 - d. Randy Macadangdang – HPD
 - e. Davlynn Racadio – MPD
 - f. Steven Schutte – Verizon
 - g. Kiman Wong – TWC
 - h. Alan Nagata - HPD
- b. Technical Committee – Thalia Burns
 - i. Acknowledgement of new & returning committee members.
 1. Thalia Burns – Chair
 2. Clement Chan – DIT
 3. Rob Gausepohl – KPD
 4. John Jakubczak – MPD
 5. Marshall Kanehailua – HawPD
 6. Ahlan Leong – HPD
 7. Gary Lum – HFD
 8. Dave Miyasaki – KPD
 9. Eleni Papakiristis – HT
 10. Tony Ramirez – Akimeka
 11. Jeff Riewer – ATT
 12. Steven Schutte – Verizon
 13. Kenison Tejada – APCO/NENA Pacific Chapter
 14. Kiman Wong - TWC
 - ii. Investigative Regulatory Committee update – Marshall Kanehailua
 1. Acknowledgment of new & returning committee members.
 - a. Marshall Kanehailua – Chair
 - b. Stella Kam – AG
 - c. Ahlan Leong – HPD
 - d. Davlynn Racadio – MPD
 - e. Tony Ramirez – Akimeka
 - f. Mark Begley - KPD
 - g. Steven Schutte – Verizon
 - h. Kenison Tejada – APCO/NENA Pacific Chapter
 - i. Richard VanDrunen – PUC
 - j. Bonnie Young – MPD
 - k. Steve Golden – HT
 - l. Travis Ing – HawPD
 - iii. FCC updates.
 1. Tony Ramirez presented two FCC updates:
 - a. Disruptions to communications systems affecting the communications providers and reporting outages on NORS (network outage reporting system).
 - b. Disruptions to the PSAPs.

- i. FCC is looking for comments from PSAPs regarding outages and their effect on PSAP costs and community relations.
 - iv. Oahu PSAP Technical issues update:
 - 1. Eleni Papakiristis stated that the HPD technical issues were the result of the semantic endpoint manager blocking files during the configuration syncs so the syncs were not completing. On June 24 HT implemented a directory block that blocked off anything on the Viper network so as not to be tied up in semantic. HT resumed the sync configuration as of June 26 and there have been no further incidents.
 - 2. The long term solution will be for an updated kb that should be released in August for testing. When fully vetted and tested an implementation date will be planned at which time it will no longer be necessary to maintain the block on the implementation manager.
 - v. Text-2-911 update:
 - 1. Honolulu was the last to complete text-2-911 training.
 - 2. Next step is the educational outreach which will require development of a unified message among counties, PSAPs, HT and service providers.
 - 3. Finally discussions regarding deployment will begin.
 - 4. Mr. Ramirez added that Akimeka developed an APP that will facilitate text-2-911 caller location accuracy for the PSAPs.
 - vi. Request for Approval:
 - 1. APCO Conference August 16-19, 2015, Wash.DC
 - a. HPD (2 + 1 Board member) - \$10,500
 - b. MPD (2) - \$7,000.
 - c. KPD (2) - \$7,000.
 - d. HFD (1) - \$3,000.
 - e. Tony Ramirez motioned to forward the request to the Finance Committee for funding approval. The motion was seconded and approved by voice vote.
 - vii. Others-None
- c. Finance Committee – Kiman Wong
 - i. ***The Finance Committee could not convene due to lack of quorum.***
 - ii. Acknowledgement of new committee members.
 - iii. Request for Funding Approval:
 - 1. HawPD - Imagery Licensing Agreement FY2015 HawPD \$626.4K
 - 2. HawPD - Imagery Licensing Agreement FY2016 HawPD (\$300.0K).
 - 3. APCO Conference August 16-19, 2015, Wash.DC
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 - b. MPD (2) - \$7,000.
 - c. KPD (2) - \$7,000.
 - d. HFD (1) - \$3,000
 - iv. Review of Monthly Cash Flow & Budget Financial report
 - v. Others

VI. PSAP Status Updates

- a. Kauai – M. Begley

- i. David Miyasaki expressed his concern regarding inquiries on Cybersecurity at the Kauai PSAP. Courtney Tagupa and Mark Begley assured Mr. Miyasaki that this was a result of the FCC request for information that will be included in their report to Congress and will not require intrusion into the proprietary information of the Kauai IT department.
- b. Oahu – A. Nagata:
 - i. CAD Project: Thalia Burns stated that HPD and Motorola have agreed to stop work on the CAD upgrade until further information from their corporate counsel.
- c. Molokai – J. Jakubczak – Nothing to report.
- d. Maui – J. Jakubczak – Nothing to report
- e. Hawaii – P. Ferreira
 - i. Travis Ing reported that the complement of dispatchers remains low and there are 7 new dispatchers who have completed their training and will be on board shortly.
 - ii. There was an incident with an armed gunman in which his location was quickly determined as a result of assistance from HT and Verizon.

VII. Items for Discussion, Consideration and Action

- a. 911 Timeline update – still encouraging more human interest success stories to be posted on the E911 website timeline.
- b. Others -
 - i. Congratulations to Thalia Burns and Paul Ferreira as the newest members of the E911 Board.
 - ii. Next Generation 911 migration: Mr. Kenison Tejada inquired as to the plans of the Board for NG911 migration. Mr. Begley stated that the FCC will release a report at the end of September that will address the best way for PSAPs to migrate to NG911 at which time an investigative committee may be formed to address the issue.

VIII. Announcements

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 - v. Thursday, December 10, 2015 (Combined meeting)

b. Others-None

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

- i. The Board Chair requested anyone in attendance who wishes to provide public comment on issues not on the agenda to be included on the Committee meeting agenda at the next meeting, to please come forward; no one came forward.

X. Adjournment:

- a. Tony Ramirez motioned to adjourn the meeting. The motion was seconded and approved by voice vote. The meeting was adjourned at 9:40am.

HAWAII ENHANCED 911 BOARD STATEMENT OF CASH FLOWS
For month ending June 30, 2015

Budget Analysis				
FY 2014-15	Actuals		Annual Budget	% of Budget Expended
	June	FY-T-D		
Receipts:				
Enhanced 911 Surcharge Collection	788,973	9,302,133	9,080,000	102.4%
Interest Income	37	1,206	2,500	48.2%
<i>Receipts</i>	789,010	9,303,339	9,082,500	102.4%
Disbursements:				
Conference Travel	(65,301)	(150,137)	(170,000)	88.3%
Non-Recurring Expenses	(2,683,400)	(2,696,872)	(1,900,556)	141.9%
Recurring Expenses:				
Administration	(388,194)	(1,115,059)	(1,261,692)	88.4%
Maintenance	(1,705,309)	(3,325,301)	(3,533,551)	94.1%
Telecommunications	(595,398)	(1,810,720)	(2,097,998)	86.3%
Other	(7,200)	(3,430)	(7,600)	45.1%
C&C HNL Reimbursement		302,238	302,238	100.0%
<i>Disbursements</i>	(5,444,803)	(8,799,280)	(8,669,159)	101.5%
<i>Net Receipts/(Disbursements)</i>	(4,655,793)	504,059	413,341	
Cash Flow Analysis				
<i>Net Receipts/(Disbursements)</i>	\$ (4,655,793)	\$ 504,059		
Encumbrance Paydowns:				Encumb. Bal.
FY 2011 (Kauai)				419,000
FY 2012 (HFD/EDS/HPD)				751,432
FY 2014	\$ (296)	\$ (749,300)		1,521,604
FY 2015	\$ 4,530,609	\$ 4,530,609		4,530,609
Accounts Receivable (Offset)		\$ (350)		2,952
Net Encumbrance Adds/(Paydown)	\$ 4,530,313	\$ 3,780,959		
Net Cash Inflow/(Outflow)	\$ (125,480)	\$ 4,285,018		
Bank Balance Analysis:				
ADD: July 1, 2014 Beginning Balance		\$ 12,504,198		
Net Bank Balance		\$ 16,789,216		
Outstanding Ecumb/Accruals		\$ (7,222,645)		
Unencumbered Cash Balance	\$ -	\$ 9,566,571		

HAWAII ENHANCED 911 BOARD STATEMENT OF CASH FLOWS

For month ending June 30, 2015

MONTH OF JUNE 2015		Hawaii PSAP	Kauai PSAP	Maui PSAP	Molokai PSAP	Oahu PSAP	ADMIN	TOTAL
Total RECEIPTS		-	-	-	-	-	789,010	789,010
DISBURSEMENTS:								
6200 CONFERENCES								
6201	911 Goes to WashDC	6,066	-	7,000	-	-	-	13,066
6212	NASNA Conference	-	-	-	-	-	650	650
6214	Nena Conference	10,500	9,900	10,500	-	9,999	4,086	44,985
6228	HxGN Live Hexagon Conf	-	-	6,600	-	-	-	6,600
Total 6200 CONFERENCES		16,566	9,900	24,100	-	9,999	4,736	65,301
6300 Non-RECURRING								
6301	CAD Replac/Upgrade	2,300,000	-	-	-	-	-	2,300,000
6302	CMLs for Altern Dispat	-	307,000	-	-	-	-	307,000
6303	Computers							
6303.23	HPD SMART911 S/W	-	-	-	-	76,400	-	76,400
Total 6303 Computers		-	-	-	-	76,400	-	76,400
Total 6300 Non-RECURRING		2,300,000	307,000	-	-	76,400	-	2,683,400
6400 RECURRING EXPENSES								
6401 ADMINISTRATION								
6401.01	Exec Dir. Services	-	-	-	-	-	23,950	23,950
6401.08	Board Member Travel	-	-	-	-	-	7,319	7,319
6401.09	DB&F Assessments							
6401.0101	DB&F Admin. Assess	-	-	-	-	-	107,522	107,522
6401.0102	DB&F Rev Assessment	-	-	-	-	-	190,209	190,209
Total 6401.09 DB&F Assessments		-	-	-	-	-	297,731	297,731
6401.15	WSP Cost Recovery							
6401.0101	Sprint/Nextel	-	-	-	-	-	35,000	35,000
Total 6401.15 WSP Cost Recovery		-	-	-	-	-	35,000	35,000
6401.20	RCUH Contract	-	-	-	-	-	24,084	24,084
6402.22	Office Supplies	-	-	-	-	-	110	110
Total 6401 ADMINISTRATION		-	-	-	-	-	388,194	388,194
6402 MAINTENANCE								
6402.02	Imagery Lic Agree	926,400	-	387,888	-	-	-	1,314,288
6402.05	Logging RecordMaint	-	-	-	-	60,775	-	60,775
6402.07	0011 9-1-1MSAG Maint.	59,828	73,291	37,589	-	93,230	-	263,937
6402.08	CAD Maintenance	66,309	-	-	-	-	-	66,309
Total 6402 MAINTENANCE		1,052,537	73,291	425,477	-	154,005	-	1,705,309
6403 Other RECURRING								
6403.01 Telcom Charges								
6403.0102	Long Distance	89	145	167	35	-	-	436
6403.0109	Telcom Trunk	76,586	27,849	46,416	-	393,008	-	543,858
6403.0113	HPDCMLViper-Alapai	-	-	-	-	41,650	-	41,650
6403.0114	SD Viper (OSL) (3)	-	-	-	-	9,454	-	9,454
Total 6403.01 Telcom Charges		76,674	27,994	46,583	35	444,112	-	595,398
6403.02	EMS Tower Lease	-	-	-	-	7,200	-	7,200
Total 6403 Other RECURRING		76,674	27,994	46,583	35	451,312	-	602,598
Total 6400 RECURRING EXPENSES		1,129,211	101,285	472,060	35	605,316	388,194	2,696,102
Total DISBURSEMENTS		3,445,778	418,185	496,160	35	691,715	392,930	5,444,803

HAWAII ENHANCED 911 BOARD STATEMENT OF CASH FLOWS

For month ending June 30, 2015

	Hawaii PSAP	Kauai PSAP	Maui PSAP	Molokai PSAP	Oahu PSAP	ADMIN	TOTAL		
FY-TO-DATE JUNE 30, 2015 (12 MONTHS)	12 mos	12 mos	12 mos	12 mos	12 mos	12 mos	12 mos	ANNUAL BUDGET	Over/(UNDER) Budget
Total RECEIPTS	-	-	-	-	-	9,303,339	9,303,339	-	9,303,339
DISBURSEMENTS:									
6200 CONFERENCES									
6141 Access9-1-1Forum	-	-	-	-	-	(207)	(207)	-	(207)
6201 911 Goes to WashDC	5,916	-	7,000	-	7,640	11,225	31,781	37,818	(6,037)
6204 APCO Conference	7,586	6,085	6,526	-	15,155	5,386	40,738	46,286	(5,548)
6212 NASNA Conference	-	-	-	-	-	650	650	650	-
6213 Navigator	-	-	-	-	(73)	-	(73)	-	(73)
6214 Nena Conference	10,500	9,900	10,498	-	16,247	5,850	52,996	55,024	(2,028)
6222 TriTech CAD Users	-	5,916	-	-	8,057	-	13,973	18,000	(4,027)
6227 FCC Hearings	-	-	-	-	-	3,679	3,679	5,023	(1,344)
6228 HxGN Live Hexagon Conf	-	-	6,600	-	-	-	6,600	6,600	-
6200 CONFERENCES - Other	-	-	-	-	-	-	-	599	(599)
Total 6200 CONFERENCES	24,002	21,901	30,625	-	47,026	26,582	150,137	170,000	(19,863)
6300 Non-RECURRING									
6301 CAD Replac/Upgrade									
6301.01 EMS	-	-	-	-	6,949	-	6,949	-	6,949
6301.02 Hawai'i Police Dept	-	-	-	-	-	-	-	1,500,000	(1,500,000)
6301.04 Honolulu Police	-	-	-	-	(833)	-	(833)	-	(833)
6301.05 Kauai Police Dept	-	7,356	-	-	-	-	7,356	7,356	(0)
6301 CAD Replac/Upgrade - Other	2,300,000	-	-	-	-	-	2,300,000	-	2,300,000
Total 6301 CAD Replac/Upgrade	2,300,000	7,356	-	-	6,116	-	2,313,472	1,507,356	806,116
6302 CMLs for Altern Dispat	-	307,000	-	-	-	-	307,000	300,000	7,000
6303 Computers									
6303.20 Dispatch Software	-	-	-	-	-	-	-	5,000	(5,000)
6303.23 HPD SMART911 S/W	-	-	-	-	76,400	-	76,400	45,200	31,200
Total 6303 Computers	-	-	-	-	76,400	-	76,400	50,200	26,200
6306 Training									
6306.11 Training (CAD) HPD	-	-	-	-	-	-	-	16,000	(16,000)
6306.12 TriTechCADSystAdm	-	-	-	-	-	-	-	-	-
6306.122 CAD TriTech EMS	-	-	-	-	-	-	-	5,000	(5,000)
Total 6306.12 TriTechCADSystAdm	-	-	-	-	-	-	-	5,000	(5,000)
6306.14 NG Text to 911 Refresh	-	-	-	-	-	-	-	22,000	(22,000)
Total 6306 Training	-	-	-	-	-	-	-	43,000	(43,000)
Total 6300 Non-RECURRING	2,300,000	314,356	-	-	82,516	-	2,696,872	1,900,556	796,316

HAWAII ENHANCED 911 BOARD STATEMENT OF CASH FLOWS

For month ending June 30, 2015

	Hawaii PSAP	Kauai PSAP	Maui PSAP	Molokai PSAP	Oahu PSAP	ADMIN	TOTAL		
FY-TO-DATE JUNE 30, 2015 (12 MONTHS)	12 mos	12 mos	12 mos	12 mos	12 mos	12 mos	12 mos	ANNUAL BUDGET	Over/(UNDER) Budget
6400 RECURRING EXPENSES									
6401 ADMINISTRATION									
6401.01 Exec Dir. Services	-	-	-	-	-	344,575	344,575	350,625	(6,050)
6401.02 ElectronSignatur	-	-	-	-	-	240	240	200	40
6401.05 Audit Expense	-	-	-	-	-	13,025	13,025	13,000	25
6401.06 Bank Charge	-	-	-	-	-	42	42	100	(58)
6401.08 Board Member Travel	-	-	-	-	-	25,483	25,483	35,000	(9,517)
6401.09 DB&F Assessments									
6401.0101 DB&F Admin. Assess	-	-	-	-	-	151,829	151,829	175,000	(23,171)
6401.0102 DB&F Rev Assessment	-	-	-	-	-	460,000	460,000	452,500	7,500
Total 6401.09 DB&F Assessments	-	-	-	-	-	611,829	611,829	627,500	(15,671)
6401.12 NASNA Dues	-	-	-	-	-	-	-	215	(215)
6401.13 Parking Permits	-	-	-	-	-	400	400	200	200
6401.15 WSP Cost Recovery									
6401.0101 Sprint/Nextel	-	-	-	-	-	76,026	76,026	-	76,026
6401.15 WSP Cost Recovery - Other	-	-	-	-	-	-	-	70,000	(70,000)
Total 6401.15 WSP Cost Recovery	-	-	-	-	-	76,026	76,026	70,000	6,026
6401.17 ADA Compliance	-	-	-	-	-	-	-	500	(500)
6401.18 AG Legal Fees	-	-	-	-	-	-	-	100,000	(100,000)
6401.19 Public Education	-	-	-	-	-	-	-	50,000	(50,000)
6401.20 RCUH Contract	-	-	-	-	-	42,892	42,892	14,352	28,540
6402.21 Cell Phone Charges	-	-	-	-	-	375	375	-	375
6402.22 Office Supplies	-	-	-	-	-	173	173	-	173
Total 6401 ADMINISTRATION	-	-	-	-	-	1,115,059	1,115,059	1,261,692	(146,633)
6402 MAINTENANCE									
6402.02 Imagery Lic Agree	926,400	186,808	387,888	-	120,225	-	1,621,322	1,116,896	504,426
6402.05 Logging RecordMaint	-	-	-	-	60,775	-	60,775	60,775	-
6402.07 0011 9-1-1MSAG Maint.	239,312	219,873	225,536	-	559,375	-	1,244,095	1,312,521	(68,426)
6402.08 CAD Maintenance	66,309	-	170,000	-	162,801	-	399,110	1,038,752	(639,642)
6402.13 Software Maintenance									
6402.131 Integraph DB S/W Maint	-	-	-	-	-	-	-	4,607	(4,607)
Total 6402.13 Software Maintenance	-	-	-	-	-	-	-	4,607	(4,607)
Total 6402 MAINTENANCE	1,232,021	406,681	783,424	-	903,175	-	3,325,301	3,533,551	(208,250)
6403 Other RECURRING									
6403.01 Telcom Charges									
6403.0101 Alt. PSAP 9-1-1 Del	-	-	-	-	-	-	-	232,132	(232,132)
6403.0102 Long Distance	372	457	479	35	-	-	1,343	2,160	(817)
6403.0103 Mileage	-	-	-	-	946	-	946	11,353	(10,407)
6403.0109 Telcom Trunk	306,344	111,385	236,749	41,774	945,355	-	1,641,607	1,643,237	(1,630)
6403.0110 Ocean Safety									
6403.0110.1 CML	-	-	-	-	4,988	-	4,988	-	4,988
6403.0110.2 Centrex	-	-	-	-	1,184	-	1,184	-	1,184
6403.0110.3 Mileage	-	-	-	-	202	-	202	-	202
6403.0110 Ocean Safety - Other	-	-	-	-	(2,124)	-	(2,124)	-	(2,124)
Total 6403.0110 Ocean Safety	-	-	-	-	4,249	-	4,249	-	4,249
6403.0112 HPD CML Viper-Kapolei	-	-	-	-	75,319	-	75,319	140,916	(65,597)
6403.0113 HPDCMLViper-Alapai	-	-	-	-	51,819	-	51,819	-	51,819
6403.0114 SD Viper (OSL) (3)	-	-	-	-	35,125	-	35,125	43,500	(8,375)
6403.0115 Text-to-911 Service	-	-	-	-	-	-	-	24,100	(24,100)
6403.0116 Alt PSAP Call Route	-	-	-	-	-	-	-	600	(600)
6403.0117 Telecom Chgs-Other	-	311	-	-	-	-	311	-	311
Total 6403.01 Telcom Charges	306,716	112,154	237,228	41,809	1,112,813	-	1,810,720	2,097,998	(287,278)
6403.02 EMS Tower Lease	-	-	-	-	3,430	-	3,430	7,600	(4,170)
6403.03 Prior Period Reimb.	-	-	-	-	-	(302,238)	(302,238)	(302,238)	-
Total 6403 Other RECURRING	306,716	112,154	237,228	41,809	1,116,243	(302,238)	1,511,912	1,985,284	(473,372)
Total 6400 RECURRING EXPENSES	1,538,737	518,835	1,020,651	41,809	2,019,418	812,821	5,952,272	6,780,527	(828,255)
Total DISBURSEMENTS	3,862,739	855,092	1,051,276	41,809	2,148,960	839,404	8,799,280	8,851,083	(51,802)

HAWAII ENHANCED 911 BOARD STATEMENT OF CASH FLOWS
For month ending June 30, 2015

Summary of Encumbrances	Oahu	Maui	Molokai	Kauai	Hawaii	Admin	Total
FY 2011 Encumbrance				419,000			419,000
FY 2012 Encumbrance	751,435	-		-	-	-	751,435
FY 2014 Encumbrance					1,500,000	21,605	1,521,605
FY 2015 Encumbrances:							
Board member travel						6,000	6,000
NENA Conference	9,999	10,500		9,900	10,500	4,086	44,985
NASNA Conference						650	650
911 Goes to Wash FY2015		7,000			-		7,000
HxGN Live Hexagon Conference		6,600					6,600
WSP Recovery-Sprint						35,000	35,000
MSAG & GIS	46,615	37,589		73,291	39,885		197,380
PSAP CAD Upgrade					2,300,000		2,300,000
HPD Smart Software	76,400						76,400
RCUH						14,571	14,571
HawTelcom Long Distance		139	35	145	60		379
CAD Maintenance	-				66,309		66,309
HawTelcom CML Positions Trunk Charges	-	23,208	-	27,849	51,057		102,115
HawTelcom Viper HPD (Kapolei/Alapai)	41,650						41,650
HawTelcom Viper OSL	2,973						2,973
Office Supplies						110	110
EMS Tower	7,200						7,200
Kauai Alternate Dispatch Center				307,000			307,000
Pictometry	-	387,888		-	926,400		1,314,288
Logging recording equip maint	-						-
Total FY 2015 Accruals	184,837	472,925	35	418,185	3,394,211	60,416	4,530,609
Total Encumbrances	936,272	472,925	35	837,185	4,894,211	82,021	7,222,649

HAWAII ENHANCED 911 BOARD STATEMENT OF CASH FLOWS

For month ending June 30, 2015

FY 2015 STRATEGIC BUDGET PLAN CHANGES	HAWAII PSAP	OAHU PSAP	MAUI PSAP	KAUAI PSAP	ADMIN	CONFERENCE	TOTAL	Board Approval Date
Approved FY 2015 Strategic Budget Plan	2,503,550.00	2,869,518.00	1,050,738.00	1,063,343.00	1,264,765.00	158,000.00	8,909,914.00	6/10/2014
HPD - APCO Conference (3)		9,000.00				(9,000.00)	-	5/15/2014
HPD - APCO Conference (1) APCO/NENA Pacific Chapter		3,000.00				(3,000.00)	-	5/15/2014
KPD - APCO Conference (3)				11,100.00		(11,100.00)	-	5/15/2014
Executive Director (2) APCO					5,386.11	(5,386.11)	-	6/10/2014
MPD - APCO (2)			7,400.00			(7,400.00)	-	6/10/2014
Oahu DIT - (1) APCO		3,000.00				(3,000.00)	-	6/10/2014
HawPD - (2) APCO	7,400.00					(7,400.00)	-	6/10/2014
EMS - (2) TRICON Conference (Sep28-Oct1, 2014)		4,000.00				(4,000.00)	-	6/10/2014
KPD- TRICON Conference (Sep28-1Oct2014)				6,000.00		(6,000.00)	-	6/10/2014
RCUH Contract					14,352.00		14,352.00	7/1/2014
EMS-TRICCON Conference added funding (2)		2,000.00				(2,000.00)	-	8/14/2014
HFD - TRICON Conference (1)		6,000.00				(6,000.00)	-	8/14/2014
KPD: Intrado interface				7,356.00			7,356.00	8/14/2014
Prior Period C&CHNL Reimbursement					(120,314.44)		(120,314.44)	
Executive Director Extension (6 months)					9,375.00		9,375.00	9/11/2014
Administration Budget Adjustment from original Plan					(27,300.00)		(27,300.00)	9/15/2014
Executive Diretor Travel to Wash.DC for FCC Hearing 10/17/2014					2,523.00	(2,523.00)	-	10/9/2014
Executive Diretor Travel to Wash.DC for FCC Hearing (TBD)					2,500.00	(2,500.00)	-	11/13/2014
911 Goes to WashDC - HPD (3)		9,318.00				(9,318.00)	-	12/11/2014
911 Goes to WashDC - HawPD (2)	7,000.00					(7,000.00)	-	12/11/2014
911 Goes to WashDC - Executive Dir (1)					2,500.00	(2,500.00)	-	12/11/2014
911 Goes to WashDC - MPD (2)			7,000.00			(7,000.00)	-	12/11/2014
911 Goes to WashDC - Board (4)					12,000.00	(12,000.00)	-	12/11/2014
HPD SMART911 S/W		45,200.00					45,200.00	1/6/2015
CPA AUDIT - Egami & Associates (incremental budget to \$13K					500.00		500.00	1/6/2015
NENA Conference (June 28-July 2, 2015) MPD (3)			10,500.00			(10,500.00)	-	3/12/2015
NENA Conference (June 28-July 2, 2015) ADMIN (1)					2,725.00	(2,725.00)	-	3/12/2015
NENA Conference (June 28-July 2, 2015) KPD (3)				9,900.00		(9,900.00)	-	3/12/2015
NENA Conference (June 28-July 2, 2015) HPD (3 incl APCO/NENA)		9,999.00				(9,999.00)	-	3/12/2015
NENA Conference (June 28-July 2, 2015) HawPD (3)	10,500.00					(10,500.00)	-	3/12/2015
NENA Conference (June 28-July 2, 2015) Boardmember (1)					3,000.00	(3,000.00)	-	3/12/2015
NENA Conference (June 28-July 2, 2015) ESD (2)		5,400.00				(5,400.00)	-	3/12/2015
NASNA Conference (June 26-28, 2015)					650.00	(650.00)	-	3/12/2015
Additional Budget for Conferences						12,000.00	12,000.00	4/9/2015
Board member (1) NENA Conference (June 26-28, 2015)					3,000.00	(3,000.00)	-	4/9/2015
HxGN Live Hexagon International Conf (2) (1-4 June 2015)			6,600.00			(6,600.00)	-	4/9/2015
Adjustment for Prior Period adjustment					(181,923.40)		(181,923.40)	
Totals	2,528,450.00	2,966,435.00	1,082,238.00	1,097,699.00	993,738.27	598.89	8,669,159.16	

HAWAII ENHANCED 911 BOARD STATEMENT OF CASH FLOWS
For month ending June 30, 2015

				Hawaii PSAP		
FY-TO-DATE JUNE 30, 2015 (12 MONTHS)				12 mos	ANNUAL BUDGET	\$ Over/(UNDER) Budget
Total RECEIPTS				-	-	-
DISBURSEMENTS:						
6200 CONFERENCES						
	6141	Access9-1-1Forum		-	-	-
	6201	911 Goes to WashDC		5,916	7,000	(1,084)
	6204	APCO Conference		7,586	7,400	186
	6212	NASNA Conference		-	-	-
	6213	Navigator		-	-	-
	6214	Nena Conference		10,500	10,500	-
	6222	TriTech CAD Users		-	-	-
	6227	FCC Hearings		-	-	-
	6228	HxGN Live Hexagon Conf		-	-	-
	6200	CONFERENCES - Other		-	-	-
Total 6200 CONFERENCES				24,002	24,900	(898)
6300 Non-RECURRING						
	6301	CAD Replac/Upgrade				
	6301.01	EMS		-	-	-
	6301.02	Hawai'i Police Dept		-	1,500,000	(1,500,000)
	6301.04	Honolulu Police		-	-	-
	6301.05	Kauai Police Dept		-	-	-
	6301	CAD Replac/Upgrade - Other		2,300,000	-	2,300,000
Total 6301 CAD Replac/Upgrade				2,300,000	1,500,000	800,000
	6302	CMLs for Altern Dispat		-	-	-
	6303	Computers				
	6303.20	Dispatch Software		-	5,000	(5,000)
	6303.23	HPD SMART911 S/W		-	-	-
Total 6303 Computers				-	5,000	(5,000)
	6306	Training				
	6306.11	Training (CAD) HPD		-	-	-
	6306.12	TriTechCADSystAdm		-	-	-
	6306.122	CAD TriTech EMS		-	-	-
Total 6306.12 TriTechCADSystAdm				-	-	-
	6306.14	NG Text to 911 Refresh		-	6,000	(6,000)
Total 6306 Training				-	6,000	(6,000)
Total 6300 Non-RECURRING				2,300,000	1,511,000	789,000
6400 RECURRING EXPENSES						
	6402	MAINTENANCE				
	6402.02	Imagery Lic Agree		926,400	300,000	626,400
	6402.05	Logging RecordMaint		-	-	-
	6402.07	0011 9-1-1MSAG Maint.		239,312	307,647	(68,335)
	6402.08	CAD Maintenance		66,309	68,752	(2,443)
	6402.13	Software Maintenance				
	6402.131	Integrgraph DB S/W Maint		-	4,607	(4,607)
Total 6402.13 Software Maintenance				-	4,607	(4,607)
Total 6402 MAINTENANCE				1,232,021	681,006	551,015
	6403	Other RECURRING				
	6403.01	Telcom Charges				
	6403.0101	Alt. PSAP 9-1-1 Del		-	-	-
	6403.0102	Long Distance		372	1,200	(828)
	6403.0103	Mileage		-	-	-
	6403.0109	Telcom Trunk		306,344	306,344	(0)
	6403.0110	Ocean Safety				
	6403.0110.1	CML		-	-	-
	6403.0110.2	Centrex		-	-	-
	6403.0110.3	Mileage		-	-	-
	6403.0110	Ocean Safety - Other		-	-	-
Total 6403.0110 Ocean Safety				-	-	-
	6403.0112	HPD CML Viper-Kapolei		-	-	-
	6403.0113	HPDCMLViper-Alapai		-	-	-
	6403.0114	SD Viper (OSL) (3)		-	-	-
	6403.0115	Text-to-911 Service		-	4,000	(4,000)
	6403.0116	Alt PSAP Call Route		-	-	-
	6403.0117	Telecom Chgs-Other		-	-	-
Total 6403.01 Telcom Charges				306,716	311,544	(4,828)
	6403.02	EMS Tower Lease		-	-	-
	6403.03	Prior Period Reimb.		-	-	-
Total 6403 Other RECURRING				306,716	311,544	(4,828)
Total 6400 RECURRING EXPENSES				1,538,737	992,550	546,187
Total DISBURSEMENTS				3,862,739	2,528,450	1,334,289

HAWAII ENHANCED 911 BOARD STATEMENT OF CASH FLOWS

For month ending June 30, 2015

					Kauai PSAP		
FY-TO-DATE JUNE 30, 2015 (12 MONTHS)					12 mos	ANNUAL BUDGET	\$ Over/(UNDER) Budget
Total RECEIPTS					-	-	-
DISBURSEMENTS:							
6200 CONFERENCES							
	6141	Access9-1-1Forum			-	-	-
	6201	911 Goes to WashDC			-	-	-
	6204	APCO Conference			6,085	11,100	(5,015)
	6212	NASNA Conference			-	-	-
	6213	Navigator			-	-	-
	6214	Nena Conference			9,900	9,900	-
	6222	TriTech CAD Users			5,916	6,000	(84)
	6227	FCC Hearings			-	-	-
	6228	HxGN Live Hexagon Conf			-	-	-
	6200	CONFERENCES - Other			-	-	-
Total 6200 CONFERENCES					21,901	27,000	(5,099)
6300 Non-RECURRING							
	6301	CAD Replac/Upgrade					
	6301.01	EMS			-	-	-
	6301.02	Hawai'i Police Dept			-	-	-
	6301.04	Honolulu Police			-	-	-
	6301.05	Kauai Police Dept			7,356	7,356	(0)
	6301	CAD Replac/Upgrade - Other			-	-	-
Total 6301 CAD Replac/Upgrade					7,356	7,356	(0)
	6302	CMLs for Altern Dispat			307,000	300,000	7,000
	6303	Computers					
	6303.20	Dispatch Software			-	-	-
	6303.23	HPD SMART911 S/W			-	-	-
Total 6303 Computers					-	-	-
	6306	Training					
	6306.11	Training (CAD) HPD			-	-	-
	6306.12	TriTechCADSystAdm			-	-	-
	6306.122	CAD TriTech EMS			-	-	-
Total 6306.12 TriTechCADSystAdm					-	-	-
	6306.14	NG Text to 911 Refresh			-	-	-
Total 6306 Training					-	-	-
Total 6300 Non-RECURRING					314,356	307,356	7,000
6400 RECURRING EXPENSES							
	6402	MAINTENANCE					
	6402.02	Imagery Lic Agree			186,808	194,633	(7,825)
	6402.05	Logging RecordMaint			-	-	-
	6402.07	0011 9-1-1MSAG Maint.			219,873	220,000	(127)
	6402.08	CAD Maintenance			-	-	-
	6402.13	Software Maintenance			-	-	-
	6402.131	Integrgraph DB S/W Maint			-	-	-
Total 6402.13 Software Maintenance					-	-	-
Total 6402 MAINTENANCE					406,681	414,633	(7,952)
	6403	Other RECURRING					
	6403.01	Telcom Charges					
	6403.0101	Alt. PSAP 9-1-1 Del			-	232,132	(232,132)
	6403.0102	Long Distance			457	480	(23)
	6403.0103	Mileage			-	-	-
	6403.0109	Telcom Trunk			111,385	111,398	(13)
	6403.0110	Ocean Safety					
	6403.0110.1	CML			-	-	-
	6403.0110.2	Centrex			-	-	-
	6403.0110.3	Mileage			-	-	-
	6403.0110	Ocean Safety - Other			-	-	-
Total 6403.0110 Ocean Safety					-	-	-
	6403.0112	HPD CML Viper-Kapolei			-	-	-
	6403.0113	HPDCMLViper-Alapai			-	-	-
	6403.0114	SD Viper (OSL) (3)			-	-	-
	6403.0115	Text-to-911 Service			-	4,100	(4,100)
	6403.0116	Alt PSAP Call Route			-	600	(600)
	6403.0117	Telecom Chgs-Other			311	-	311
Total 6403.01 Telcom Charges					112,154	348,710	(236,556)
	6403.02	EMS Tower Lease			-	-	-
	6403.03	Prior Period Reimb.			-	-	-
Total 6403 Other RECURRING					112,154	348,710	(236,556)
Total 6400 RECURRING EXPENSES					518,835	763,343	(244,508)
Total DISBURSEMENTS					855,092	1,097,699	(242,607)

HAWAII ENHANCED 911 BOARD STATEMENT OF CASH FLOWS

For month ending June 30, 2015

					Maui PSAP		
FY-TO-DATE JUNE 30, 2015 (12 MONTHS)					12 mos	ANNUAL BUDGET	\$ Over/(UNDER) Budget
Total RECEIPTS					-	-	-
DISBURSEMENTS:							
6200 CONFERENCES							
	6141	Access9-1-1Forum			-	-	-
	6201	911 Goes to WashDC			7,000	7,000	-
	6204	APCO Conference			6,526	7,400	(874)
	6212	NASNA Conference			-	-	-
	6213	Navigator			-	-	-
	6214	Nena Conference			10,498	10,500	(2)
	6222	TriTech CAD Users			-	-	-
	6227	FCC Hearings			-	-	-
	6228	HxGN Live Hexagon Conf			6,600	6,600	-
	6200	CONFERENCES - Other			-	-	-
Total 6200 CONFERENCES					30,625	31,500	(875)
6300 Non-RECURRING							
	6301	CAD Replac/Upgrade					
	6301.01	EMS			-	-	-
	6301.02	Hawai'i Police Dept			-	-	-
	6301.04	Honolulu Police			-	-	-
	6301.05	Kauai Police Dept			-	-	-
	6301	CAD Replac/Upgrade - Other			-	-	-
Total 6301 CAD Replac/Upgrade					-	-	-
	6302	CMLs for Altern Dispat			-	-	-
	6303	Computers					
	6303.20	Dispatch Software			-	-	-
	6303.23	HPD SMART911 S/W			-	-	-
Total 6303 Computers					-	-	-
	6306	Training					
	6306.11	Training (CAD) HPD			-	-	-
	6306.12	TriTechCADSystAdm			-	-	-
	6306.122	CAD TriTech EMS			-	-	-
Total 6306.12 TriTechCADSystAdm					-	-	-
	6306.14	NG Text to 911 Refresh			-	-	-
Total 6306 Training					-	-	-
Total 6300 Non-RECURRING					-	-	-
6400 RECURRING EXPENSES							
	6402	MAINTENANCE					
	6402.02	Imagery Lic Agree			387,888	372,263	15,625
	6402.05	Logging Record Maint			-	-	-
	6402.07	0011 9-1-1MSAG Maint.			225,536	225,500	36
	6402.08	CAD Maintenance			170,000	170,000	-
	6402.13	Software Maintenance					
	6402.131	Integrgraph DB S/W Maint			-	-	-
Total 6402.13 Software Maintenance					-	-	-
Total 6402 MAINTENANCE					783,424	767,763	15,661
	6403	Other RECURRING					
	6403.01	Telcom Charges					
	6403.0101	Alt. PSAP 9-1-1 Del			-	-	-
	6403.0102	Long Distance			479	480	(1)
	6403.0103	Mileage			-	-	-
	6403.0109	Telcom Trunk			236,749	278,495	(41,746)
	6403.0110	Ocean Safety					
	6403.0110.1	CML			-	-	-
	6403.0110.2	Centrex			-	-	-
	6403.0110.3	Mileage			-	-	-
	6403.0110	Ocean Safety - Other			-	-	-
Total 6403.0110 Ocean Safety					-	-	-
	6403.0112	HPD CML Viper-Kapolei			-	-	-
	6403.0113	HPDCMLViper-Alapai			-	-	-
	6403.0114	SD Viper (OSL) (3)			-	-	-
	6403.0115	Text-to-911 Service			-	4,000	(4,000)
	6403.0116	Alt PSAP Call Route			-	-	-
	6403.0117	Telecom Chgs-Other			-	-	-
Total 6403.01 Telcom Charges					237,228	282,975	(45,747)
	6403.02	EMS Tower Lease			-	-	-
	6403.03	Prior Period Reimb.			-	-	-
Total 6403 Other RECURRING					237,228	282,975	(45,747)
Total 6400 RECURRING EXPENSES					1,020,651	1,050,738	(30,087)
Total DISBURSEMENTS					1,051,276	1,082,238	(30,962)

HAWAII ENHANCED 911 BOARD STATEMENT OF CASH FLOWS
For month ending June 30, 2015

					Molokai PSAP		
FY-TO-DATE JUNE 30, 2015 (12 MONTHS)					12 mos	ANNUAL BUDGET	\$ Over/(UNDER) Budget
Total RECEIPTS					-	-	-
DISBURSEMENTS:							
6200 CONFERENCES							
	6141	Access 9-1-1 Forum			-	-	-
	6201	911 Goes to WashDC			-	-	-
	6204	APCO Conference			-	-	-
	6212	NASNA Conference			-	-	-
	6213	Navigator			-	-	-
	6214	Nena Conference			-	-	-
	6222	TriTech CAD Users			-	-	-
	6227	FCC Hearings			-	-	-
	6228	HxGN Live Hexagon Conf			-	-	-
	6200	CONFERENCES - Other			-	-	-
Total 6200 CONFERENCES					-	-	-
6300 Non-RECURRING							
	6301	CAD Replac/Upgrade					
	6301.01	EMS			-	-	-
	6301.02	Hawai'i Police Dept			-	-	-
	6301.04	Honolulu Police			-	-	-
	6301.05	Kauai Police Dept			-	-	-
	6301	CAD Replac/Upgrade - Other			-	-	-
Total 6301 CAD Replac/Upgrade					-	-	-
	6302	CMLs for Altern Dispat			-	-	-
	6303	Computers					
	6303.20	Dispatch Software			-	-	-
	6303.23	HPD SMART911 S/W			-	-	-
Total 6303 Computers					-	-	-
	6306	Training					
	6306.11	Training (CAD) HPD			-	-	-
	6306.12	TriTechCADSystAdm					
	6306.122	CAD TriTech EMS			-	-	-
Total 6306.12 TriTechCADSystAdm					-	-	-
	6306.14	NG Text to 911 Refresh			-	-	-
Total 6306 Training					-	-	-
Total 6300 Non-RECURRING					-	-	-
6400 RECURRING EXPENSES							
	6402	MAINTENANCE					
	6402.02	Imagery Lic Agree			-	-	-
	6402.05	Logging Record Maint			-	-	-
	6402.07	0011 9-1-1MSAG Maint.			-	-	-
	6402.08	CAD Maintenance			-	-	-
	6402.13	Software Maintenance					
	6402.131	Integraph DB S/W Maint			-	-	-
Total 6402.13 Software Maintenance					-	-	-
Total 6402 MAINTENANCE					-	-	-
	6403	Other RECURRING					
	6403.01	Telcom Charges					
	6403.0101	Alt. PSAP 9-1-1 Del			-	-	-
	6403.0102	Long Distance			35	-	35
	6403.0103	Mileage			-	-	-
	6403.0109	Telcom Trunk			41,774	-	41,774
	6403.0110	Ocean Safety					
	6403.0110.1	CML			-	-	-
	6403.0110.2	Centrex			-	-	-
	6403.0110.3	Mileage			-	-	-
	6403.0110	Ocean Safety - Other			-	-	-
Total 6403.0110 Ocean Safety					-	-	-
	6403.0112	HPD CML Viper-Kapolei			-	-	-
	6403.0113	HPDCML Viper-Alapai			-	-	-
	6403.0114	SD Viper (OSL) (3)			-	-	-
	6403.0115	Text-to-911 Service			-	-	-
	6403.0116	Alt PSAP Call Route			-	-	-
	6403.0117	Telecom Chgs-Other			-	-	-
Total 6403.01 Telcom Charges					41,809	-	41,809
	6403.02	EMS Tower Lease			-	-	-
	6403.03	Prior Period Reimb.			-	-	-
Total 6403 Other RECURRING					41,809	-	41,809
Total 6400 RECURRING EXPENSES					41,809	-	41,809
Total DISBURSEMENTS					41,809	-	41,809

HAWAII ENHANCED 911 BOARD STATEMENT OF CASH FLOWS
For month ending June 30, 2015

				Oahu PSAP		
FY-TO-DATE JUNE 30, 2015 (12 MONTHS)				12 mos	ANNUAL BUDGET	\$ Over/(UNDER) Budget
Total RECEIPTS				-	-	-
DISBURSEMENTS:						
6200 CONFERENCES						
	6141	Access9-1-1Forum		-	-	-
	6201	911 Goes to WashDC		7,640	9,318	(1,678)
	6204	APCO Conference		15,155	15,000	155
	6212	NASNA Conference		-	-	-
	6213	Navigator		(73)	-	(73)
	6214	Nena Conference		16,247	15,399	848
	6222	TriTech CAD Users		8,057	12,000	(3,943)
	6227	FCC Hearings		-	-	-
	6228	HxGN Live Hexagon Conf		-	-	-
	6200	CONFERENCES - Other		-	-	-
Total 6200 CONFERENCES				47,026	51,717	(4,691)
6300 Non-RECURRING						
	6301	CAD Replac/Upgrade				
	6301.01	EMS		6,949	-	6,949
	6301.02	Hawai'i Police Dept		-	-	-
	6301.04	Honolulu Police		(833)	-	(833)
	6301.05	Kauai Police Dept		-	-	-
	6301	CAD Replac/Upgrade - Other		-	-	-
Total 6301 CAD Replac/Upgrade				6,116	-	6,116
	6302	CMLs for Altern Dispat		-	-	-
	6303	Computers				
	6303.20	Dispatch Software		-	-	-
	6303.23	HPD SMART911 S/W		76,400	45,200	31,200
Total 6303 Computers				76,400	45,200	31,200
	6306	Training				
	6306.11	Training (CAD) HPD		-	16,000	(16,000)
	6306.12	TriTechCADSystAdm				
	6306.122	CAD TriTech EMS		-	5,000	(5,000)
Total 6306.12 TriTechCADSystAdm				-	5,000	(5,000)
	6306.14	NG Text to 911 Refresh		-	16,000	(16,000)
Total 6306 Training				-	37,000	(37,000)
Total 6300 Non-RECURRING				82,516	82,200	316
6400 RECURRING EXPENSES						
	6402	MAINTENANCE				
	6402.02	Imagery Lic Agree		120,225	250,000	(129,775)
	6402.05	Logging RecordMaint		60,775	60,775	-
	6402.07	0011 9-1-1MSAG Maint.		559,375	559,374	1
	6402.08	CAD Maintenance		162,801	800,000	(637,199)
	6402.13	Software Maintenance				
	6402.131	Integraph DB S/W Maint		-	-	-
Total 6402.13 Software Maintenance				-	-	-
Total 6402 MAINTENANCE				903,175	1,670,149	(766,974)
	6403	Other RECURRING				
	6403.01	Telcom Charges				
	6403.0101	Alt. PSAP 9-1-1 Del		-	-	-
	6403.0102	Long Distance		-	-	-
	6403.0103	Mileage		946	11,353	(10,407)
	6403.0109	Telcom Trunk		945,355	947,000	(1,645)
	6403.0110	Ocean Safety				
	6403.0110.1	CML		4,988	-	4,988
	6403.0110.2	Centrex		1,184	-	1,184
	6403.0110.3	Mileage		202	-	202
	6403.0110	Ocean Safety - Other		(2,124)	-	(2,124)
Total 6403.0110 Ocean Safety				4,249	-	4,249
	6403.0112	HPD CML Viper-Kapolei		75,319	140,916	(65,597)
	6403.0113	HPDCMLViper-Alapai		51,819	-	51,819
	6403.0114	SD Viper (OSL) (3)		35,125	43,500	(8,375)
	6403.0115	Text-to-911 Service		-	12,000	(12,000)
	6403.0116	Alt PSAP Call Route		-	-	-
	6403.0117	Telecom Chgs-Other		-	-	-
Total 6403.01 Telcom Charges				1,112,813	1,154,769	(41,956)
	6403.02	EMS Tower Lease		3,430	7,600	(4,170)
	6403.03	Prior Period Reimb.		-	-	-
Total 6403 Other RECURRING				1,116,243	1,162,369	(46,126)
Total 6400 RECURRING EXPENSES				2,019,418	2,832,518	(813,100)
Total DISBURSEMENTS				2,148,960	2,966,435	(817,475)

HAWAII ENHANCED 911 BOARD STATEMENT OF CASH FLOWS
For month ending June 30, 2015

					ADMIN		
FY-TO-DATE JUNE 30, 2015 (12 MONTHS)					12 mos	ANNUAL BUDGET	\$ Over/(UNDER) Budget
Total RECEIPTS					9,303,339	-	9,303,339
DISBURSEMENTS:							
6200 CONFERENCES							
	6141	Access9-1-1Forum			(207)	-	(207)
	6201	911 Goes to WashDC			11,225	14,500	(3,275)
	6204	APCO Conference			5,386	5,386	-
	6212	NASNA Conference			650	650	-
	6213	Navigator			-	-	-
	6214	Nena Conference			5,850	8,725	(2,875)
	6222	TriTech CAD Users			-	-	-
	6227	FCC Hearings			3,679	5,023	(1,344)
	6228	HxGN Live Hexagon Conf			-	-	-
	6200	CONFERENCES - Other			-	599	(599)
Total 6200 CONFERENCES					26,582	34,883	(8,301)
6401 ADMINISTRATION							
	6401.01	Exec Dir. Services			344,575	350,625	(6,050)
	6401.02	ElectronSignatur			240	200	40
	6401.05	Audit Expense			13,025	13,000	25
	6401.06	Bank Charge			42	100	(58)
	6401.08	Board Member Travel			25,483	35,000	(9,517)
	6401.09	DB&F Assessments					
	6401.0101	DB&F Admin. Assess			151,829	175,000	(23,171)
	6401.0102	DB&F Rev Assessment			460,000	452,500	7,500
Total 6401.09 DB&F Assessments					611,829	627,500	(15,671)
	6401.12	NASNA Dues			-	215	(215)
	6401.13	Parking Permits			400	200	200
	6401.15	WSP Cost Recovery					
	6401.0101	Sprint/Nextel			76,026	-	76,026
	6401.15	WSP Cost Recovery - Other			-	70,000	(70,000)
Total 6401.15 WSP Cost Recovery					76,026	70,000	6,026
	6401.17	ADA Compliance			-	500	(500)
	6401.18	AG Legal Fees			-	100,000	(100,000)
	6401.19	Public Education			-	50,000	(50,000)
	6401.20	RCUH Contract			42,892	14,352	28,540
	6402.21	Cell Phone Charges			375	-	375
	6402.22	Office Supplies			173	-	173
Total 6401 ADMINISTRATION					1,115,059	1,261,692	(146,633)
	6403.02	EMS Tower Lease			-	-	-
	6403.03	Prior Period Reimb.			(302,238)	(120,314)	(181,923)
Total 6403 Other RECURRING					(302,238)	(120,314)	(181,923)
Total 6400 RECURRING EXPENSES					812,821	1,141,378	(328,556)
Total DISBURSEMENTS					839,404	1,176,261	(336,857)

Oahu Civilian E9-1-1 Status Report

June 1, 2015 – June 30, 2015

Oahu Civilian E9-1-1 Status Report

June 1, 2015 - June 30, 2015

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Oahu Civilian E9-1-1 Status Report

June 1, 2015 - June 30, 2015

1. PSAP OPERATIONS

9-1-1 CALL VOLUME – JUNE 2015

(Source: Intrado Viper)

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

9-1-1 Primary PSAP Call Volume																	
Honolulu City & County PSAPs		Wireline		Wireless				VOIP		Calls With No ALI		Admin Calls		Abandoned Calls		Other Calls	
2015	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	No. of Other Calls	% of Total Calls
June	82,356	19,338	23.48%	60,169	73.06%	51.41%	21.65%	2,800	3.40%	49	0.06%	1,989	2.42%	12,172	14.78%	643	0.78%

9-1-1 CALL VOLUME – CALENDAR YEAR 2015

9-1-1 Primary PSAP Call Volume																	
Honolulu City & County PSAPs		Wireline		Wireless				VOIP Calls		Calls with No ALI		Admin Calls		Abandoned Calls		Other Calls	
2015	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	No. of Total Call Received	% of Total Calls
JAN	82,328	19,792	24.04%	59,531	72.31%	49.23%	23.08%	2,939	3.57%	66	0.08%	2,171	2.64%	11,306	13.73%	618	0.75%
FEB	77,047	18,699	24.27%	55,782	72.40%	49.78%	22.62%	2,504	3.25%	62	0.08%	1,790	2.32%	10,656	13.83%	600	0.78%
MAR	82,861	19,837	23.94%	60,232	72.69%	50.43%	22.26%	2,751	3.32%	41	0.05%	2,286	2.76%	11,822	14.27%	674	0.81%
APR	79,337	18,532	23.36%	58,075	73.20%	49.98%	23.22%	2,674	3.37%	56	0.07%	1,135	1.43%	11,885	14.98%	625	0.79%
MAY	82,466	19,339	23.45%	60,142	72.93%	52.21%	20.72%	2,936	3.56%	49	0.06%	1,895	2.30%	12,616	15.30%	597	0.72%
JUNE	82,356	19,338	23.48%	60,169	73.06%	51.41%	21.65%	2,800	3.40%	49	0.06%	1,989	2.42%	12,172	14.78%	643	0.78%
JULY																	
AUG																	
SEPT																	
OCT																	
NOV																	
DEC																	
YTD	486,395	115,537		353,931				16,604		323		11,266		70,457		3,757	
MON AVG	81,066	19,256	23.76%	58,989	72.77%	50.51%	22.26%	2,767	3.41%	54	0.07%	1,878	2.31%	11,743	14.48%	626	0.77%

NOTE:

- *Calls with no Ali 0.06% - Statewide average = 1.24%
- Wireline totals for February and March have been adjusted per HPD audit.

Oahu Civilian E9-1-1 Status Report

June 1, 2015 - June 30, 2015

9-1-1 CALL VOLUME BY AGENCY – JUNE 2015

2015	9-1-1 Call Volume by Agency									
	Honolulu Police Department						Honolulu Fire Department			
	No. of Total Calls Received	% of Total Calls	Number of Emergency Calls	Number of Non Emergency Calls	Number of Admin Calls	Number of Dropped Calls	No. of Total Calls Received	% of Total Calls	Number of Admin Calls	Number of Dropped Calls
June	71,011	86.22%	19,609	38,121	1,109	12,172	2,767	3.36%	102	0

2015	9-1-1 Call Volume by Agency							
	Emergency Medical Services				Ocean Safety			
	Number of Total Calls Received	% of Total Calls	Number of Admin Calls	Number of Dropped Calls	Number of Total Calls Received	% of Total Calls	Number of Admin Calls	Number of Dropped Calls
June	7,867	9.55%	712	82	68	0.08%	66	1

9-1-1 CALL VOLUME BY AGENCY – CALENDAR YEAR 2015

2015	9-1-1 Call Volume by Agency																	
	Honolulu Police Department						Honolulu Fire Department				Emergency Medical Services				Ocean Safety			
	Number of Total Calls Received	% of Total Calls	No. of Emergency Calls	No. of Non Emergency Calls	No. of Admin Calls	No. of Dropped Calls	No. of Total Calls Received	% of Total Calls	No. of Admin Calls	No. of Dropped Calls	No. of Total Calls Received	% of Total Calls	No. of Admin Calls	No. of Dropped Calls	No. of Total Calls Received	% of Total Calls	No. of Admin Calls	No. of Dropped Calls
JAN	70,213	85.28%	19,601	38,128	1,178	11,306	2,597	3.15%	122	0	8,814	10.71%	787	110	86	0.10%	84	4
FEB	65,139	84.54%	18,691	34,812	980	10,656	2,552	3.31%	83	0	8,679	11.26%	652	89	77	0.10%	75	3
MAR	70,656	85.27%	19,470	38,194	1,170	11,822	2,954	3.57%	108	0	8,517	10.28%	949	86	60	0.07%	59	16
APR	69,768	87.94%	20,453	36,574	856	11,885	2,223	2.80%	89	0	6,686	8.43%	156	154	35	0.04%	34	6
MAY	70,935	86.02%	19,049	38,315	955	12,616	2,788	3.38%	65	0	8,077	9.79%	808	118	69	0.08%	67	14
JUNE	71,011	86.22%	19,609	38,121	1,109	12,172	2,767	3.36%	102	0	7,867	9.55%	712	82	68	0.08%	66	1
JULY																		
AUG																		
SEPT																		
OCT																		
NOV																		
DEC																		
YTD	417,722		116,873	224,144	6,248	70,457	15,881		569	0	48,640		4,064	639	395		385	44
MON AVG	69,620	85.88%	19,479	37,357	1,041	11,743	2,647	3.26%	95	0	8,107	10.00%	677	107	66	0.08%	64	7

Oahu Civilian E9-1-1 Status Report

June 1, 2015 - June 30, 2015

PSAP OPERATION NOTES:

- Total call volumes does not include Administrative Calls. Administrative calls = Calls originating on Administrative lines that required 911 service.
- Abandoned Calls represent the number of incoming 9-1-1 calls for which the caller had hung up before a call-taker answered. Dropped Calls are hang ups after transfers.
- Abandoned Calls are not included in the Wireline and Wireless total counts respectively.
- All VoIP (Voice over Internet Protocol) types of 911 calls are combined in the Call Volume statistic.

Oahu Civilian E9-1-1 Status Report

June 1, 2015 - June 30, 2015

FYI.....FOR YOUR INFORMATION

FYI For Your Information				
MSAG (Master Street Address Guide) Database Synchronized with GIS (Geographical Information Systems) Map Database				
Database Synchronization Update for 2015				
County	As of (Date)	Percentage %		
Kauai County	April 1, 2015	99.80%		
Oahu Civilian	April 1, 2015	99.70%		
Hawaii County	May 1, 2015	100.00%		
Maui County	June 1, 2015	100.00%		
Statewide Average	June 1, 2015	99.88%		
*Statewide average of the Database Synchronization between the MSAG and GIS Database = 99.88%				
NENA's recommended match rate for Next Generation implementation is 98% .				
* Statewide averages does <u>not</u> include the Military MSAG and GIS databases.				
Updating CAD and RMS geofiles with the GIS database will increase the accountability of the Agency's "Calls for Service" for statistical purposes.				

WIRELESS PSAP TESTING – JUNE 2015

OAHU CIVILIAN - JUNE 2015						
Date	WSP	Sites Tested	Sectors Tested	Tested By:	Test Pass/Fail	Comments:
None						

NOTES:

- There were no scheduled 911 Test call for the Oahu Civilian PSAP in June 2015.

Oahu Civilian E9-1-1 Status Report

June 1, 2015 - June 30, 2015

2. MSAG (MASTER STREET ADDRESS GUIDE)

CURRENT MONTH – JUNE 2015

OAHU CIVILIAN	9-1-1 NET REQUESTS						
	MSAG TRANSACTIONS						
2015	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected
JUNE	1,087	1,039	1	8	3	36	38,630

MSAG CURRENT MONTH NOTES:

A total of **1,166** MSAG transactions were processed in 9-1-1 Net during the month of June 2015. **1,087** requests were processed relating to the MSAG database, and **79** requests relating to the ALI database (see ALI Transaction chart on next page). There were **38,630** customer ANI/ALI (telephone/address) records updated as a direct result.

MSAG YEAR-TO-DATE (YTD) SUMMARY – 2015

OAHU CIVILIAN	9-1-1 NET REQUESTS						
	MSAG TRANSACTIONS						
2015	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected
JAN	40	25	2	13	0	0	405
FEB	7	4	0	2	1	0	202
MAR	715	694	1	7	1	12	20,371
APR	1,014	988	7	3	5	11	25,238
MAY	869	850	1	2	2	14	16,168
JUNE	1,087	1,039	1	8	3	36	38,630
JULY							
AUG							
SEPT							
OCT							
NOV							
DEC							
TOTAL YTD	3,732	3,600	12	35	12	73	101,014
AVG PER MONTH	622	600	2	6	2	12	16,836

Oahu Civilian E9-1-1 Status Report

June 1, 2015 - June 30, 2015

ALI TRANSACTIONS CURRENT MONTH – JUNE 2015

OAHU CIVILIAN		9-1-1 NET REQUESTS					
		ALI TRANSACTIONS SUBMITTED			Open Discrepancy Records as of Report Month End		
2015	TOTAL	TN CR (A)	ALI-DR (B)	VoIP DR (C)	TN CR	ALI-DR	VoIP DR
JUNE	79	79	0	0	467	0	0

Definitions
(A) Telephone Number Change Request - Represents address corrections on a specific TN or group of TNs. These "invalid" TNs usually have an associated ESN 199 attached to them which indicates the need for validation.
(B) Automatic Location Information Discrepancy Record - Represents an address discrepancy discovered during a live 9-1-1 call, from a landline. These record corrections are treated with a higher priority and should be processed within 48 hours as a general guideline.
(C) Voice over Internet Protocol Discrepancy Record - Represents an address discrepancy discovered during a live 9-1-1 call, from a VoIP phone. These record corrections are treated with a higher priority and should be processed within 72 hours as a general guideline per Time Warner Operations Center. MSR tracking effective April 2014.

ALI TRANSACTIONS CURRENT MONTH NOTES:

79 Telephone Number Change Requests (TN CR) was processed in 9-1-1Net for updates and corrections to the ALI database. 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.

OPEN DISCREPANCY RECORDS STATUS:

- **There are 467 Open Telephone Number Change Requests as of June 30, 2015.**
- **Refer to chart in the next section "TNCR Current Status"**

The TNCRs are a direct result of the ESN 199 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.

There are zero (0) Open ALI-DRs as of June 30, 2015.

There are zero (0) Open VoIP DRs as of June 30, 2015.

Oahu Civilian E9-1-1 Status Report

June 1, 2015 - June 30, 2015

ALI TRANSACTIONS YEAR-TO-DATE (YTD) SUMMARY – 2015

OAHU CIVILIAN		9-1-1 NET REQUESTS					
		ALI TRANSACTIONS SUBMITTED			Open Discrepancy Records as of Report Month End		
2015	TOTAL	TN CR	ALI-DR	VoIP DR	TN CR	ALI-DR	VoIP DR
JAN	155	153	2	0	328	0	0
FEB	139	139	0	0	245	0	0
MAR	517	516	1	0	242	0	0
APR	670	669	1	0	285	0	0
MAY	24	23	1	0	275	0	0
JUNE	79	79	0	0	467	0	0
JULY							
AUG							
SEPT							
OCT							
NOV							
DEC							
TOTAL YTD	1,584	1,579	5	0			
AVG PER MONTH	264	263	1	0			

Oahu Civilian E9-1-1 Status Report

June 1, 2015 - June 30, 2015

TNCR (TELEPHONE NUMBER CHANGE REQUEST) CURRENT STATUS – JUNE, 2015

NOTE:

- 9-1-1 NET is a secure web-based application that provides access to request changes to the MSAG, ALI, TN, and ESN/ELT data supported and maintained by Intrado for the Telephone Company (TelCo).
- TNCRs are not requests to change Telephone Numbers (TNs); however, it is a corrective process within 9-1-1 NET to modify location information associated with an Automatic Location Identification (ALI) record to a valid MSAG address for 9-1-1 purposes.

PSAP 9-1-1 Telephone Number Location Change Request (Telephone Number Change Request (TNCR) Status)				
PSAP	TOTAL TNCR RECORDS SUBMITTED BY AKIMEKA	OPENED TNCRS PENDING FURTHER ACTION BY INTRADO	OPENED TNCRS REFERRED TO TELCO BY INTRADO	TOTAL UNOPENED TNCR RECORDS
OAHU CIVILIAN	467	6	171	290

STATUS
<u>TOTAL TNCRs SUBMITTED</u> - The total number of TNCR requests for modification that have been submitted in 9-1-1 NET.
<u>PENDING STATUS</u> - TNCRs assigned this status are requests which have been reviewed by the 9-1-1 Database Service Provider Data Analyst, and are pending investigation whether the request is valid or invalid, and/or whether the request requires additional information to validate.
<u>REFERRED STATUS</u> - TNCRs assigned this status are requests which have been reviewed by the 9-1-1 Database Service Provider Data Analyst, and the request requires additional information to validate. The Intrado Data Analysts assigns this status to a TNCR and the request is referred to the telephone service providers for further research.
<u>TOTAL UNOPENED TNCR RECORDS STATUS</u> - The request is submitted by Akimeka on behalf the PSAP; however, processing by the 9-1-1 Database Service Provider Data Analyst has not begun.

Oahu Civilian E9-1-1 Status Report

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MSAG COMMUNITIES PROJECT

MSAG COMMUNITY AND STREET SEGMENT SWEEP – PHASE VII

MSAG Community and Street Segment Sweep – Phase VII

Subsequent to the completion of the MSAG Community and Street Segment Sweep - Phase V work on **June 27, 2014**, and the Database Synchronization Phase VI in **July 2014**, a project plan for Phase VII, with regards to the spatial accuracy of Street Centerlines, was approved by the Honolulu Police Department on **July 31, 2014**. The MSAG Community and Street Segment Sweep – Phase VII project is aimed to identify and correct the spatial accuracy of Street Centerlines throughout the island of Oahu, through a methodical counter-clockwise approach, following the same community correction path in the previous phases, to ultimately increase the accuracy of the data and to be in compliance with NENA standards. Street Centerlines that are corrected through this process will then achieve the NENA recommended standard of being accurate to within 10 feet or less.

Below is the latest Phase VII work effort as of **June 30, 2015**:

MSAG COMMUNITY (In Order of Effort)	MSAG COMMUNITY AND STREET SEGMENT SWEEP -- PHASE VII				GIS UPDATES	
	TARGET START DATE	TARGET COMPLETION DATE	AKIMEKA COMPLETION DATE	NOTES/COMMENTS	DATE GIS DELIVERED TO HPD	DATE GIS LOADED TO CAD BY HPD
Waimanalo	08/01/14	08/12/14	08/09/14		08/11/14	08/22/14
Kailua	08/13/14	09/16/14	09/11/14		09/19/14	09/26/14
Kaneohe	09/17/14	10/24/14	10/27/14	Completed 1 business day behind schedule due to approved special requests	10/31/14	11/07/14
Kahaluu	10/27/14	11/04/14	10/29/14			
Kaaawa	11/05/14	11/07/14	10/31/14			
Punaluu	11/10/14	11/11/14	11/05/14		11/14/14	11/21/14
Hauula	11/12/14	11/17/14	11/06/14			
Laie	11/18/14	11/24/14	11/14/14			
Kahuku	11/25/14	12/02/14	11/25/14		11/28/14	12/08/14
Sunset	12/03/14	12/10/14	12/08/14		12/12/14	12/18/14
Haleiwa	12/12/14	12/24/14	01/14/15	There are many farming and cane roads that require lengthy and detailed editing, slowing down progress	01/23/15	02/05/15
Wahiawa	01/02/15	01/21/15	02/03/15		02/06/15	02/13/15
Waialua	01/22/15	01/29/15	02/09/15		02/19/15	02/25/15
Mokuleia	01/30/15	02/05/15	02/12/15			
Kalaniana'ole Hwy Project	02/09/15	03/04/15	02/19/15			
Makaha	03/05/15	03/12/15	02/17/15			

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MSAG Community and Street Segment Sweep – Phase VII continued

MSAG COMMUNITY (In Order of Effort)	MSAG COMMUNITY AND STREET SEGMENT SWEEP -- PHASE VII				GIS UPDATES	
	TARGET START DATE	TARGET COMPLETION DATE	AKIMEKA COMPLETION DATE	NOTES/COMMENTS	DATE GIS DELIVERED TO HPD	DATE GIS LOADED TO CAD BY HPD
Waianae	03/13/15	03/24/15	03/09/15		03/20/15	04/02/15
Mali	03/25/15	04/02/15	03/17/15			
Nanakuli	04/03/15	04/13/15	03/27/15		04/06/15	04/17/15
Makakilo	04/14/15	04/28/15	04/15/15		04/17/15	04/29/15
Kapolei	04/29/15	05/21/15	05/19/15		5/1/2015, 5/15/2015	
Kalaheo	05/22/15	06/08/15	06/08/15		06/12/15	06/25/15
Ewa Beach	06/09/15	07/27/15	IN PROGRESS		06/26/15	
Iroquois	07/28/15	08/03/15				

Oahu Civilian E9-1-1 Status Report

June 1, 2015 - June 30, 2015

3. GEOGRAPHIC INFORMATION SYSTEM (GIS) – JUNE 2015

MAPPING LAYERS UPDATED (PART I)

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

OAHU CIVILIAN				
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks	
	Date Created/ Edits Performed			
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)				
Address Points	6/30/2015		Corrected one (1) address in Waimanalo	
	6/30/2015		Spatially corrected one (1) address point in Kapolei	
		06/26/15		
	6/26/2015		Added routing ID to one (1) address point in Kapolei	
	6/25/2015		Deleted one (1) address point in Maili	
	6/25/2015		Spatially corrected two hundred twenty-five (225) address points in Maili	
	6/25/2015		Populated ESN field for address points in ESNs 134-138, 141, 151, 154-156	
	6/24/2015		Populated ESN field for address points in ESN 133	
	6/22/2015		Spatially corrected ninety-nine (99) address points in Maili	
	6/18/2015		Spatially corrected twenty-three (23) address points in Aiea	
	6/18/2015		Deleted one (1) address point in Kaneohe	
	6/18/2015		Corrected one (1) address in Kaneohe	
	6/18/2015		Spatially corrected thirty (30) address points in Kaneohe	
	6/17/2015		Added one (1) new address point in Kaneohe	
	6/17/2015		Spatially corrected eight (8) address points in Kaneohe	
	6/17/2015		Deleted one (1) address point in Maili	
	6/17/2015		Spatially corrected ninety-eight (98) address points in Maili	
	6/15/2015		Deleted three (3) address points in Waianae	
	6/15/2015		Added routing ID to one (1) address point in Waianae	
		06/12/15		
	6/11/2015		Spatially corrected seven (7) address points in Waianae	
	6/10/2015		Deleted one (1) address point in Waianae	
	6/10/2015		Spatially corrected sixty (60) address points in Waianae	
	6/9/2015		Added three (3) new address points in Kakaako	
	6/4/2015		Spatially corrected one hundred sixty (160) address points in Waianae	
	6/4/2015		Deleted one (1) address point in Waianae	
	6/4/2015		Added two (2) new address points in Waianae	
	6/1/2015		Spatially corrected fifteen (15) address points in Waianae	
	Airports			
Bridges				
Building Footprints				

Oahu Civilian E9-1-1 Status Report

June 1, 2015 - June 30, 2015

MAPPING LAYERS UPDATED (PART II)

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

OAHU CIVILIAN			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Bus Stops			
Churches			
Coastal Names			
Coastline			
Common Places	6/30/2015		Corrected address for one (1) common place in Waimanalo
	6/30/2015		Spatially corrected one (1) common place in Kapolei
	6/30/2015		Corrected address for one (1) common place in Aiea
	6/30/2015		Spatially corrected four (4) common places in Waialae
	6/30/2015		Corrected address for one (1) common place in Waialae
	6/30/2015		Spatially corrected one (1) common place in Kapahulu
		06/26/15	
	6/25/2015		Populated ESN field for common places in ESNs 134-138, 141, 151, 154-156
	6/24/2015		Populated ESN field for common places in ESN 133
	6/18/2015		Spatially corrected thirty (30) common places in Kaneohe
	6/17/2015		Added nine (9) new common places in Kaneohe
		06/12/15	
	6/10/2015		Spatially corrected one (1) common place in Waianae
	6/4/2015		Spatially corrected five (5) common places in Waianae
	6/1/2015		Spatially corrected four (4) common places in Waianae
Correctional Facilities			
Emergency Callboxes			
Emergency Operation Centers			

Oahu Civilian E9-1-1 Status Report

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MAPPING LAYERS UPDATED (PART III)

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

OAHU CIVILIAN			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Emergency Shelters			
ESZ/ESN		06/26/15	
	6/25/2015		Corrected ESN 134/156 boundary
	6/24/2015		Corrected ESN 133/134 boundary
	6/24/2015		Corrected ESN 133/132 boundary
	6/24/2015		Corrected ESN 129/130 boundary
	6/18/2015		Corrected ESN 138/139 boundary
	6/16/2015		Corrected ESN boundary 133/134
		06/12/15	
Fire Beats			
Fire Districts			
Fire Response Areas		06/26/15	
	6/25/2015		Corrected STA42/STA36 boundary
	6/24/2015		Corrected STA8/STA10 boundary
	6/24/2015		Corrected STA20/STA42 boundary
	6/18/2015		Corrected STA43/STA24 boundary
	6/16/2015		Corrected STA42/STA20 boundary
	06/12/15		
Fire Stations			
Food & Beverage			
Gas Stations			
Gate Codes			

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MAPPING LAYERS UPDATED (PART IV)

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

OAHU CIVILIAN			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Government Buildings			
Harbors			
Helipads			
Hiking Trails			
Hospitals			
Hydrants			
Hyrdology Layers: Dams Ponds Streams Waterfalls			
Incident Response Areas			
Lodging			
Major Roads			
Medic Beats			

Oahu Civilian E9-1-1 Status Report

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MAPPING LAYERS UPDATED (PART V)

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

OAHU CIVILIAN			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Medic Districts			
		06/26/15	
Medic Response Areas	6/24/2015		Corrected MED22/MED14 boundary
		06/12/15	
Medic Stations			
Medical Facilities			
Milepost Markers			
MSAG Communities		06/26/15	
	6/24/2015		Corrected Pearl Hbr/Aiea boundary
	6/24/2015		Corrected Waipahu/Pearl City boundary
		06/12/15	
Net Junctions			
Ocean Rescue Boundaries			
Ocean Safety			
Parcels			
Parks			
Parks Polygon			

Oahu Civilian E9-1-1 Status Report

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MAPPING LAYERS UPDATED (PART VI)

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

OAHU CIVILIAN			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Points of Interest			
Police Beats		06/26/15	
	6/24/2015		Corrected Police Beat 383 according to the HPD written Policies and Procedures
	6/18/2015		Corrected Police Beat 382 according to the HPD written Policies and Procedures
	6/17/2015		Corrected Police Beat 381 according to the HPD written Policies and Procedures
		06/12/15	
Police Districts			
Police Response Areas			
Police Stations			
Post Offices			
Schools			
Street Centerlines	6/30/2015		Deleted one (1) street segment in Ewa Beach
	6/30/2015		Split five (5) street segments in Aiea
	6/30/2015		Split two (2) street segments in Ewa Beach
	6/30/2015		Split one (1) street segment at the Iroquois/Puuloa community boundary
	6/30/2015		Split three (3) street segments in Kailua
	6/30/2015		Split one (1) street segment in Kaneohe
	6/30/2015		Split one (1) street segment at the Waipahu/Pearl Harbor community boundary
	6/30/2015		Split two (2) street segments at the Pearl Harbor/Aiea community boundary
	6/30/2015		Split one (1) street segment in Waianae
	6/29/2015		Spatially corrected ninety-nine (99) street segments in Ewa Beach

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MAPPING LAYERS UPDATED (PART VII)

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

OAHU CIVILIAN			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Street Centerlines		06/26/15	
	6/26/2015		Corrected one way code for six (6) segments of Kunia Rd in Ewa Beach
	6/26/2015		Corrected one way code for five (5) segments of Kunia Rd in Kunia
	6/26/2015		Corrected one way code for twelve (12) segments of Kunia Rd in Waipahu
	6/26/2015		Split one (1) street segment in Ewa Beach
	6/26/2015		Split one (1) street segment at the Ewa Beach/Waipahu community boundary
	6/26/2015		Split two (2) street segments in Waipahu
	6/26/2015		Spatially corrected eighteen (18) street segments in Ewa Beach
	6/25/2015		Spatially corrected eight (8) street segments in Pearl City
	6/25/2015		Split one (1) street segment in Pearl City
	6/25/2015		Split two (2) street segments in Ewa Beach
	6/25/2015		Split one (1) street segment in Waipio
	6/25/2015		Split four (4) street segments in Waipahu
	6/25/2015		Split one (1) street segment in Kunia
	6/25/2015		Populated ESN fields for street segments in ESNs 134-138, 141, 151, 154-156
	6/24/2015		Spatially corrected one (1) segment of Wainui Rd in Waipio
	6/24/2015		Split one (1) segment of Wainui Rd at ESN boundary in Waipio
	6/24/2015		Split eight (8) street segments in Waipahu
	6/24/2015		Corrected one-way code for one (1) segment of Kam Hwy in Waipahu
	6/24/2015		Populated ESN fields for street segments in ESN 133
	6/24/2015		Split one (1) street segment at ESN boundary in Pearl City
	6/23/2015		Deleted one (1) segment of H1E Fwy in Aiea
	6/23/2015		Spatially corrected forty-two (42) street segments in Aiea
	6/23/2015		Split sixteen (16) street segments in Aiea
	6/23/2015		Corrected range for two (2) segments of E Moanalua Fwy in Aiea
	6/23/2015		Corrected street name for one (1) street segment in Aiea
	6/23/2015		Consolidated two (2) segments of Kam Hwy in Aiea
	6/22/2015		Consolidated four (4) street segments in Ewa Beach
	6/22/2015		Split one (1) segment of Hoomaalili St in Ewa Beach
	6/22/2015		Added seven (7) new street segments in Ewa Beach
	6/22/2015		Spatially corrected ninety-four (94) street segments in Ewa Beach
	6/22/2015		Split one (1) street segment at Police Beat boundary in Aiea
	6/19/2015		Spatially corrected eighty-two (82) street segments in Ewa Beach
	6/18/2015		Spatially corrected two (2) segments of Iwaiwa St in Aiea
	6/18/2015		Flipped one (1) street segment in Kaneohe
	6/18/2015		Spatially corrected ten (10) street segments in Ewa Beach

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MAPPING LAYERS UPDATED (PART VIII)

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

OAHU CIVILIAN				
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks	
	Date Created/ Edits Performed			
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)				
Street Centerlines	6/17/2015		Added six (6) new street segments in Nanakuli	
	6/17/2015		Split three (3) street segments in Nanakuli	
	6/17/2015		Split one (1) segment of Makule Rd in Ewa Beach	
	6/17/2015		Spatially corrected sixty-four (64) street segments in Ewa Beach	
	6/16/2015		Split one (1) segment of Farrington Hwy at the Pearl City/Waipahu community boundary	
	6/16/2015		Split one (1) segment of Farrington Hwy at the Ewa Beach/Waipahu community boundary	
	6/15/2015		Spatially corrected twenty-five (25) street segments in Ewa Beach	
	6/15/2015		Added one (1) new street segment in Nanakuli	
	6/15/2015		Added nine (9) new street segments in Kapolei	
	6/15/2015		Split three (3) street segments in Kapolei	
		06/12/15		
	6/11/2015		Consolidated two (2) segments of West Loch Dr in Ewa Beach	
	6/11/2015		Spatially corrected seventy-three (73) street segments in Ewa Beach	
	6/10/2015		Consolidated two (2) segments of Meaala St in Aiea	
	6/10/2015		Spatially corrected seventeen (17) street segments in Aiea	
	6/10/2015		Spatially corrected fifty-seven (57) street segments in Ewa Beach	
	6/9/2015		Spatially corrected seven (7) street segments in Ewa Beach	
	6/9/2015		Added one (1) ingress in Kakaako	
	6/9/2015		Split two (2) street segments in Kaneohe	
	6/9/2015		Split one (1) street segment in Kakaako	
	6/8/2015		Consolidated two (2) segments of North Rd in Ewa Beach	
	6/8/2015		Spatially corrected seventeen (17) street segments in Ewa Beach	
	6/8/2015		Split five (5) street segments in Kalaeloa	
	6/8/2015		Added four (4) new street segments in Kalaeloa	
	6/8/2015		Spatially corrected forty-two (42) street segments in Kalaeloa	
	6/8/2015		Corrected name for one (1) street segment in Kalaeloa	
	6/8/2015		Deleted one hundred twenty-two (122) street segments in Kalaeloa	
	6/4/2015		Spatially corrected forty-nine (49) street segments in Ewa Beach	
	6/3/2015		Spatially corrected seventy (70) street segments in Ewa Beach	
	6/2/2015		Deleted one (1) segment of Kuanoo St in Ewa Beach	
	6/2/2015		Corrected range for one (1) segment of Kuanoo St in Ewa Beach	
	6/2/2015		Spatially corrected eighty-five (85) street segments in Ewa Beach	
	6/1/2015		Deleted four (4) street segments in Ewa Beach	
	6/1/2015		Corrected range for four (4) street segments in Ewa Beach	
	6/1/2015		Added one (1) new street segment in Ewa Beach	

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MAPPING LAYERS UPDATED (PART IX)

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

OAHU CIVILIAN			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Street Centerlines	6/1/2015		Spatially corrected one hundred twenty-seven (127) street segments in Ewa Beach
Subdivisions			
Tow Jurisdictions			
Tsunami Evacuation Zones			
Tsunami Heights			
Waste Water Plants			
WSP Cell Sectors		06/26/15	
	6/26/2015		Per VZW CRS
	6/24/2015		Per VZW CRS
	6/23/2015		Per ATT CRS
		06/22/15	
	6/22/2015		Per VZW CRS
	6/19/2015		Per VZW CRS
	6/19/2015		Per VZW CRS
		06/15/15	
		06/12/15	
	6/3/2015		Per ATT CRS
		06/01/15	
WSP Cell Towers	6/1/2015		Per VZW CRS
		06/26/15	
	6/26/2015		Per VZW CRS
	6/24/2015		Per VZW CRS
	6/23/2015		Per ATT CRS

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MAPPING LAYERS UPDATED (PART X)

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

OAHU CIVILIAN			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
WSP Cell Towers		06/22/15	
	6/22/2015		Per VZW CRS
	6/19/2015		Per VZW CRS
	6/19/2015		Per VZW CRS
		06/15/15	
		06/12/15	
	6/3/2015		Per ATT CRS
		06/01/15	
	6/1/2015		Per VZW CRS

Oahu Civilian E9-1-1 Status Report

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GEOGRAPHIC INFORMATION SYSTEM (GIS) NARRATIVE

GIS KEY ACTIVITIES/UPDATES

- GIS Key activities include the events such as GIS deliverables, meetings, agreements, etc.

Date	Key Activities/Updates
6/29/2015	Cell Towers and Cell Sectors for GeoComm at HPD, HFD and EMS
6/26/2015	Street Centerlines, Common Places, Police Beats, MSAG Communities to HPD for Motorola CAD
6/26/2015	Street Centerlines, Address Points, Display Address Points, Fire Response Areas, Medic Response Areas, Ocean Safety Response Areas to HFD, EMS, and Ocean Safety for TriTech CAD
6/26/2015	Cell Towers, Cell Sectors, ESN, MSAG Communities, Tow Boundaries, Police Response Areas, Fire Response Areas, Medic Response Areas, Streams, Street Centerlines, Address Points, Common Places to Intrado for PowerMap at HPD, HFD, EMS, and Ocean Safety
6/23/2015	Attended meeting at HPD to discuss the Navy's NEMAP project and the possible sharing of data between Akimeka and the Navy for mutual response purposes.
6/22/2015	Cell Towers and Cell Sectors for GeoComm at HPD, HFD and EMS
6/17/2015	Per special request, prepared and delivered a new Geographic Areas layer for HFD, detailing the DOFAW (Division of Forestry and Wildlife) boundaries.
6/15/2015	Cell Towers and Cell Sectors for GeoComm at HPD, HFD and EMS
6/12/2015	Street Centerlines, Common Places, Police Beats, MSAG Communities to HPD for Motorola CAD
6/12/2015	Street Centerlines, Address Points, Display Address Points, Fire Response Areas, Medic Response Areas, Ocean Safety Response Areas to HFD, EMS, and Ocean Safety for TriTech CAD
6/12/2015	Cell Towers, Cell Sectors, ESN, MSAG Communities, Tow Boundaries, Police Response Areas, Fire Response Areas, Medic Response Areas, Streams, Street Centerlines, Address Points, Common Places to Intrado for PowerMap at HPD, HFD, EMS, and Ocean Safety
6/8/2015	Cell Towers and Cell Sectors for GeoComm at HPD, HFD and EMS
6/1/2015	Cell Towers and Cell Sectors for GeoComm at HPD, HFD and EMS

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INTRADO POWERMAP UPLOAD

Since the establishment of the GIS Data deliverable process between Akimeka and Intrado in January 2014, the data uploads have been successfully carried out.

There were no updates during the month of June 2015 to report.

POLICE BEATS CORRECTIONS

Background

The Police Beats layer 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 June 2015. Akimeka corrected boundaries for three (3) Police Beats (381, 382, and 383) and performed routine maintenance on several other Police Beat boundaries.

Upload Process

It was agreed that the Police Beats layer will be uploaded to the current Motorola CAD system given some delays with the new Motorola PremierOne CAD system. During the month of April 2015, Akimeka had worked with HPD PMT to design a new upload procedure that would provide the updated Police Beats into the system, along with other corrected layers now previously loaded to the Motorola CAD system. For more information regarding the latest CAD upload procedure, refer to the May 2015 Monthly Status Report, section on Motorola CAD Upload. Updated Police Beats are continuously delivered with this new process on a bi-monthly update with the other GIS deliverables.

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ESN PROJECT

Since Akimeka had completed the preliminary ESN layer, during a meeting with HPD in December 2014 agreement was made to proceed with beginning the work efforts with Hawaiian Telcom.

1. The new ESN layer was created based on all of the operational response areas for each agency
2. Review and discussion was held during the meeting and Akimeka was given approval to proceed with preparing documentation to provide HPD with in order for Hawaiian Telcom to program the new ESN numbers and ELTs.
3. Akimeka prepared the final documentation during the month of January 2015 and provided the ELTs, Letter, and supporting attachments to HPD.
4. On February 13, 2014, the letter requesting change to Honolulu ESN numbers and corresponding ELTs were submitted to Hawaiian Telecom.
5. On March 12, 2015, confirmation was received that Honolulu can move forward with new ESNs and under the special project, cannot exceed 50 MSAG transactions per day.
6. On March 16, 2015, Akimeka began processing the MSAG transactions beginning with the approved ESN 184 in Waimanalo
 - a. In order to validate the correct information was being displayed at HPD, a group of test phone numbers was gathered to be used to verify the information.
 - b. Also on March 16, 2015, processing in MSAG was halted because Akimeka's access to new ESNs was restricted by Intrado. Akimeka followed up and the restriction was removed by end of the day.
7. On March 17, 2015, HPD tested the telephone numbers in ESN 184 and had experienced some issues with the call routing past the call screeners, directly to the dispatcher.
 - a. HPD opened a trouble ticket with Intrado and Hawaiian Telcom on the issue
 - b. Intrado/Hawaiian Telcom corrected the issue shortly after and notified HPD
8. On March 19, 2015, Akimeka received confirmation that the test phone numbers in ESN 184 were successful at HPD and routed to the call screener
 - a. Following the successful, Akimeka was given the ability to backfill the 250 transactions that were lost in order to get caught up with the timeline.
9. Throughout the remainder of March there were no reported issues and the ESN schedule has remained on track.
10. Throughout April, 2015, Akimeka continued processing ESN transactions in the MSAG database and GIS database, coordinating changes between both in an effort to keep synchronized.
11. As of May 21, 2015, Akimeka was given an increase of seventy five (75) daily transactions for the Oahu ESN project by Intrado/Hawaiian Telcom. All other transaction limitations remain the same.
12. Throughout the month of June 2015, Akimeka has moved ahead of schedule and have made significant progress on the ESN project. See the below chart for an up-to-date listing.

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MSAG COMMUNITY	MSAG COMMUNITY ESN PROJECT															NOTES COMMENTS	TOTAL MSAG RECORDS
	TARGET START DATE	ESN #	Status	ESN #	Status	ESN #	Status	ESN #	Status	ESN #	Status	ESN #	Status	ESN #	Status		
Waimanalo	03/16/15	184	100%	183	100%											Complete	112
Kailua	03/19/15	182	100%	181	100%	180	100%	177	100%	176	100%					Complete	386
Kaneohe	03/31/15	182	100%	180	100%	179	100%	177	100%	176	100%	175	100%			Complete	514
Kahaluu	04/15/15	175	100%	174	100%											Complete	35
Kaaawa	04/16/15	173	100%													Complete	24
Punaluu	04/16/15	172	100%													Complete	9
Hauula	04/17/15	172	100%													Complete	31
Laie	04/20/15	172	100%	171	100%											Complete	21
Kahuku	04/21/15	171	100%													Complete	42
Kahuku Range	04/22/15	165														Military	
Sunset	04/23/15	170	100%	159	100%											Complete	59
Haleiwa	04/27/15	159	100%	158	100%											Complete	58
Wahiawa	04/29/15	157	100%													Complete	199
Waialua	05/06/15	158	100%													Complete	58
Mokuleia	05/08/15	158	100%													Complete	49
Makaha	05/11/15	149	100%													Complete	49
Waianae	05/12/15	149	100%													Complete	135
Mali	05/15/15	149	100%	148	100%											Complete	98
Nanakuli	05/19/15	149	100%	148	100%	147	100%	146	100%							Complete	102
Makakilo	05/25/15	143	100%	142	100%											Complete	143
Kapolei	05/28/15	145	100%	144	100%	140	100%	139	100%							Complete	228
Kalaheo	06/04/15	144	100%	140	100%	139	100%	138	100%							Complete	238
Ewa Beach	06/08/15	141	100%	139	100%	138	100%									Complete	527
Iroquois	06/23/15	138	100%													Complete	39
Waipahu	06/24/15	137	100%	136	100%	135	100%	134	100%	133	100%					Complete	350
Kunia	07/03/15																
Waipio	07/06/15																
Mililani	07/09/15																
Pearl City	07/28/15																
Aiea	08/04/15																
PC Pen	08/14/15																
McGrew PT	08/14/15																
Halawa	08/17/15																
Aliamanu	08/17/15																
Moanalua T	08/18/15																
Hale Moku	08/18/15																
Maloelap	08/19/15																
Hokulani	08/19/15																
Moanalua	08/19/15																

Oahu Civilian E9-1-1 Status Report

June 1, 2015 - June 30, 2015

MSAG COMMUNITY	MSAG COMMUNITY ESN PROJECT continued															NOTES COMMENTS	TOTAL MSAG RECORDS
	TARGET START DATE	ESN #	Status	ESN #	Status	ESN #	Status	ESN #	Status	ESN #	Status	ESN #	Status	ESN #	Status		
Airport	08/20/15																
Catlin Pk	08/21/15																
Miller Pk	08/21/15																
Halsey T	08/24/15																
Radford T	08/24/15																
Salt Lake	08/25/15																
Mapunapuna	08/26/15																
Moanaloa V	08/27/15																
Kalihi	08/31/15																
Nuuanu	09/14/15																
Punchbowl	09/18/15																
Downtown	09/23/15																
Kakaako	09/25/15																
Ala Moana	09/28/15																
Honolulu	09/29/15																
Makiki	10/02/15																
Manoa	10/06/15																
McCully	10/13/15																
Kahala	10/15/15																
Kapahulu	10/20/15																
Kaimuki	10/22/15																
Waialae	10/30/15																
Aina Haina	11/04/15																
Waikiki	11/09/15																
Hawaii Kai	11/11/15																

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MAPFLEX DEPLOYMENT

During the month of June 2015, Intrado moved forward with set schedule for MapFlex implementation for the Oahu PSAPs. The implementation primarily consisted of installations, server configuration etc. and did not include any requests for GIS data or upload procedures.

Considering that the MapFlex initiative being provided by Hawaiian Telecom and sub-contractor, Intrado, is being implemented across the State of Hawaii, in the below narrative there is some information that was identified through the processes which the Neighbor Islands had been through and pertains to the processes which will be associated for the Oahu PSAPs. The historical information will provide detail as to how and when the establishment of the implementation processes took place and remaining unanswered questions yet to be discussed.

During the month of June 2015, there were continued GIS deliverables into the MapFlex system for Hawaii County, Maui County, and Kauai County. For a chronology prior to June, please see the April and May 2015 Monthly Status Report. The MapFlex deployment has been primarily concluded, and is now considered a running system capable of receiving updates regularly.

1. Akimeka delivered GIS data to the MapFlex system on the following dates in June 2015
 - a. **Hawaii County** – June 9th and June 23rd
 - b. **Maui County** – June 10th and June 24th
 - c. **Kauai County** – June 11th and June 25th

SPAWAR MEETING ON ADDRESSING FOR MCBH

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

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June 1, 2015 - June 30, 2015

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 May 29, 2015 and June 12, 2015.

Street Utility Check				
	First Report 06/01/13	6/2/2015	6/23/2015	Improvements/Corrections
Total Number of GIS Records	26,602	28,125	28,129	Increased by 4 records
Errors Identified				
Zero Errors	5,112	556	458	Decreased by 18% (98 errors)
Low > High Errors	3	0	0	No Change
Mixed Parity Errors	1	0	0	No Change
Changed Parity Errors	105	0	0	No Change
Address Gap Errors	2,629	3	2	Decreased by 1 error
Address Overlap Errors	423	2	4	Increased by 2 errors
Flipped Link Errors	1,030	616	520	Decreased by 16% (96 errors)
Total Errors	9,303	1,177	984	Decreased by 16% (193 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.

Due to the MSAG Community and Street Sweep – Phase VII project, Akimeka expects there to be fluctuation in the results of the Street Check Utility moving forward, especially with regards to Zero Errors, Flipped Link Errors, Address Gap Errors, and Address Overlap Errors. These errors are as a direct result of the spatial corrections made on the Street Centerline network, where many new ingress segments are added. The preference is that the system can generate these non-impacting and non-critical errors instead of overriding them beforehand. The errors that are identified through this process are subsequently corrected based on the results of the Street Check.

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4. E9-1-1 DATABASE SYNCHRONIZATION

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

Next scheduled Data Synchronization Report – July 2015

AUDIT SUMMARY RESULTS – 2015 -- TBA

AUDIT SUMMARY RESULTS – JULY 1, 2015 MSAG VS. APRIL 1, 2015 MSAG --TBA

INVALID MSAG STREETS AND ADDRESS RANGES – ESN X99 RECORDS -- TBA

AUTOMATIC LOCATION IDENTIFICATION (ALI) DISCREPANCY REPORT -- TBA

Maui County E9-1-1 Status Report

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AKIMEKA | HIGH PRIORITY. HIGH IMPACT.

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PSAP OPERATIONS

9-1-1 CALL VOLUME MAUI PSAP – JUNE 2015

(Source: Intrado Viper)

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

9-1-1 Call Volume																	
MAUI PSAP		Wireline		Wireless				VOIP		Calls With No ALI		Admin Calls		Abandoned Calls		Other Calls	
2015	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other Calls	% of Total Calls
JUNE	11,573	2,261	19.54%	7,599	65.66%	59.36%	40.64%	287	2.48%	47	0.41%	0	0.00%	1,379	11.92%	0	0.00%

CALL VOLUME MAUI PSAP NOTES:

*Calls with no Ali 0.41% - Statewide average = 1.24%

9-1-1 CALL VOLUME MAUI PSAP – CALENDAR YEAR 2015

9-1-1 Call Volume																	
MAUI PSAP		Wireline		Wireless				VOIP		Calls with No ALI		Admin Calls		Abandoned Calls		Other Calls	
2015	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other Calls	% of Total Calls
JAN	11,904	2,411	20.25%	7,697	64.66%	61.96%	38.04%	277	2.33%	13	0.11%	0	0.00%	1,506	12.65%	0	0.00%
FEB	10,934	2,340	21.40%	6,977	63.81%	63.15%	36.85%	255	2.33%	20	0.18%	0	0.00%	1,342	12.27%	0	0.00%
MAR	11,628	2,451	21.84%	7,479	64.32%	63.14%	36.86%	307	2.64%	13	0.11%	0	0.00%	1,378	11.85%	0	0.00%
APR	11,486	2,204	19.19%	7,507	65.36%	61.78%	38.22%	262	2.28%	20	0.17%	0	0.00%	1,493	13.00%	0	0.00%
MAY	11,182	2,368	21.18%	7,181	64.22%	60.66%	39.34%	266	2.38%	18	0.16%	0	0.00%	1,349	12.06%	0	0.00%
JUNE	11,573	2,261	19.54%	7,599	65.66%	59.36%	40.64%	287	2.48%	47	0.41%	0	0.00%	1,379	11.92%	0	0.00%
JULY																	
AUG																	
SEPT																	
OCT																	
NOV																	
DEC																	
YTD	68,707	14,035		44,440				1,654		131		0		8,447		0	
MON AVG	11,451	2,339	20.57%	7,407	64.67%	61.68%	38.32%	276	2.41%	22	0.19%	0	0.00%	1,408	12.29%	0.00	0.00%

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9-1-1 CALL VOLUME MOLOKAI PSAP – JUNE 2015

9-1-1 Call Volume																	
MOLOKAI PSAP		Wireline		Wireless				VOIP		Calls With No ALI		Admin Calls		Abandoned Calls		Other Calls	
2015	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other Calls	% of Total Calls
JUNE	359	99	27.58%	225	62.67%	55.56%	44.44%	1	0.28%	2	0.56%	0	0.00%	32	8.91%	0	0.00%

CALL VOLUME MOLOKAI PSAP NOTES:

*Calls with no Ali 0.56% - Statewide average = 1.24%

9-1-1 CALL VOLUME MOLOKAI PSAP – CALENDAR YEAR 2015

9-1-1 Call Volume																	
MOLOKAI PSAP		Wireline		Wireless				VOIP		Calls with No ALI		Admin Calls		Abandoned Calls		Other Calls	
2015	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other Calls	% of Total Calls
JAN	371	152	40.97%	176	47.44%	51.70%	48.30%	0	0.00%	2	0.54%	0	0.00%	41	11.05%	0	0.00%
FEB	355	159	44.79%	141	39.72%	55.32%	44.68%	0	0.00%	2	0.56%	0	0.00%	53	14.93%	0	0.00%
MAR	470	191	40.64%	224	47.66%	60.27%	39.73%	0	0.00%	2	0.43%	0	0.00%	53	11.28%	0	0.00%
APR	295	93	31.53%	156	52.88%	45.51%	54.49%	1	0.34%	13	4.41%	0	0.00%	32	10.85%	0	0.00%
MAY	317	109	34.38%	157	49.53%	50.96%	49.04%	3	0.95%	20	6.31%	0	0.00%	28	8.83%	0	0.00%
JUNE	359	99	27.58%	225	62.67%	55.56%	44.44%	1	0.28%	2	0.56%	0	0.00%	32	8.91%	0	0.00%
JULY																	
AUG																	
SEPT																	
OCT																	
NOV																	
DEC																	
YTD	2,167	803		1,079				5		41		0		239		0	
MON AVG	361	134	36.65%	180	49.98%	53.22%	46.78%	0.83	0.26%	7	2.13%	0	0.00%	39.833	10.98%	0	0.00%

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9-1-1 CALL VOLUME (COMBINED MAUI & MOLOKAI PSAPS) – JUNE 2015

9-1-1 Call Volume																	
MAUI COUNTY PSAPs		Wireline		Wireless				VOIP Calls		Calls With No ALI		Admin Calls		Abandoned Calls		Other Calls	
2015	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other Calls	% of Total Calls
JUNE	11,932	2,360	19.78%	7,824	65.57%	59.25%	40.75%	288	2.41%	49	0.41%	0	0.00%	1,411	11.83%	0	0.00%

9-1-1 CALL VOLUME (COMBINED MAUI & MOLOKAI PSAPS) – CALENDAR YEAR 2015

9-1-1 Call Volume																	
MAUI COUNTY PSAPs		Wireline		Wireless				VOIP		Calls with No ALI		Admin Calls		Abandoned Calls		Other Calls	
2015	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other Calls	% of Total Calls
JAN	12,275	2,563	20.88%	7,873	64.14%	61.73%	38.27%	277	2.26%	15	0.12%	0	0.00%	1,547	12.60%	0	0.00%
FEB	11,904	2,499	22.14%	7,118	63.05%	63.00%	37.00%	255	2.26%	22	0.19%	0	0.00%	1,395	12.36%	0	0.00%
MAR	12,098	2,642	21.84%	7,703	63.67%	63.05%	36.95%	307	2.54%	15	0.12%	0	0.00%	1,431	11.83%	0	0.00%
APR	11,781	2,297	19.50%	7,663	65.05%	61.45%	38.55%	263	2.23%	33	0.28%	0	0.00%	1,525	12.94%	0	0.00%
MAY	11,499	2,477	21.54%	7,338	63.81%	60.45%	39.55%	269	2.34%	38	0.33%	0	0.00%	1,377	11.97%	0	0.00%
JUNE	11,932	2,360	19.78%	7,824	65.57%	59.25%	40.75%	288	2.41%	49	0.41%	0	0.00%	1,411	11.83%	0	0.00%
JULY																	
AUG																	
SEPT																	
OCT																	
NOV																	
DEC																	
YTD	71,489	14,838		45,519				1,659		172		0		8,686		0	
MON AVG	11,915	2,473	20.95%	7,587	64.22%	61.49%	38.51%	277	2.34%	29	0.24%	0.00	0.00%	1,448	12.19%	0	0.00%

PSAP OPERATION NOTES:

- Abandoned Calls represent the number of incoming 9-1-1 calls for which the caller had hung up before a call-taker answered. Dropped Calls are hang ups after transfers.
- Abandoned Calls are not included in the Wireline and Wireless total counts respectively.
- All VoIP (Voice over Internet Protocol) 911 calls are combined in the Call Volume statistic.
- Outgoing 911 calls are included in the totals. These are ringback or callback 911 calls made from the Viper System.

Maui County E9-1-1 Status Report

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FYI.....FOR YOUR INFORMATION

FYI For Your Information				
MSAG (Master Street Address Guide) Database Synchronized with GIS (Geographical Information Systems) Map Database				
Database Synchronization Update for 2015				
County	As of (Date)	Percentage %		
Kauai County	April 1, 2015	99.80%		
Oahu Civilian	April 1, 2015	99.70%		
Hawaii County	May 1, 2015	100.00%		
Maui County	June 1, 2015	100.00%		
Statewide Average	June 1, 2015	99.88%		
*Statewide average of the Database Synchronization between the MSAG and GIS Database = 99.88%				
NENA's recommended match rate for Next Generation implementation is 98% .				
* Statewide averages does <u>not</u> include the Military MSAG and GIS databases.				
Updating CAD and RMS geofiles with the GIS database will increase the accountability of the Agency's "Calls for Service" for statistical purposes.				

WIRELESS PSAP TESTING – JUNE 2015

MAUI COUNTY - JUNE 2015						
Date	WSP	Sites Tested	Sectors Tested	Tested By:	Test Pass/Fail	Comments:
None						

NOTES:

- There were no scheduled Wireless 911 Tests in June 2015 for the Maui and Molokai PSAPs.

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MSAG (MASTER STREET ADDRESS GUIDE)

CURRENT MONTH – JUNE 2015

MAUI COUNTY	9-1-1 NET REQUESTS						
	MSAG TRANSACTIONS						
2015	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected
JUNE	4	0	0	2	1	1	71

MSAG CURRENT MONTH NOTES:

A total of 230 MSAG transactions were processed in 9-1-1 Net during the month of June 2015. Four (4) requests were processed relating to the MSAG database, and 226 requests relating to the ALI database (see ALI Transaction chart on next page). There were 71 customer ANI/ALI (telephone/address) records updated as a direct result.

MSAG YEAR-TO-DATE (YTD) SUMMARY – 2015

MAUI COUNTY	9-1-1 NET REQUESTS						
	MSAG TRANSACTIONS						
2015	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected
JANUARY	25	6	1	4	14	0	102
FEBRUARY	26	18	0	5	3	0	93
MARCH	12	4	1	6	1	0	237
APRIL	21	7	1	11	2	0	157
MAY	25	19	1	3	2	0	257
JUNE	4	0	0	2	1	1	71
JULY							
AUGUST							
SEPTEMBER							
OCTOBER							
NOVEMBER							
DECEMBER							
TOTAL YTD	113	54	4	31	23	1	917
AVG PER MONTH	19	9	1	5	4	0	153

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ALI TRANSACTIONS CURRENT MONTH – JUNE 2015

MAUI COUNTY		9-1-1 NET REQUESTS					
		ALI TRANSACTIONS SUBMITTED			Open Discrepancy Records as of Report Month End		
2015	TOTAL	TN CR (A)	ALI-DR (B)	VoIP DR (C)	TN CR	ALI-DR	VoIP DR
JUNE	226	226	0	0	735	0	0

Definitions
(A) Telephone Number Change Request - Represents address corrections on a specific TN or group of TNs. These "invalid" TNs usually have an associated ESN 359/399 attached to them which indicates the need for validation.
(B) Automatic Location Information Discrepancy Record - Represents an address discrepancy discovered during a live 9-1-1 call, from a landline. These record corrections are treated with a higher priority and should be processed within 48 hours as a general guideline.
(C) Voice over Internet Protocol Discrepancy Record - Represents an address discrepancy discovered during a live 9-1-1 call, from a VoIP phone. These record corrections are treated with a higher priority and should be processed within 72 hours as a general guideline per Time Warner Operations Center. MSR tracking effective April 2014.

ALI TRANSACTIONS CURRENT MONTH NOTES:

226 Telephone Number Change Requests (TN CR) transactions were processed as a result of the ESN 299 clean-up effort. There were no ALI Discrepancy Request (ALI DR) processed in 9-1-1 Net.

OPEN DISCREPANCY RECORDS STATUS:

- **There are 735 Open TN CR Transactions as of June 30, 2015**
- **Refer to chart in the next section "TNCR Current Status"**

The Open TN CR transactions are a direct result of the ESN 359/399 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.

There are no Open ALI-DR as of June 30, 2015

There are no Open VoIP DRs as of June 30, 2015

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ALI TRANSACTIONS YEAR-TO-DATE (YTD) SUMMARY – 2015

MAUI COUNTY		9-1-1 NET REQUESTS					
		ALI TRANSACTIONS SUBMITTED			Open Discrepancy Records as of Report Month End		
2015	TOTAL	TN CR	ALI-DR	VoIP DR	TN CR	ALI-DR	VoIP DR
JAN	92	91	1	0	343	0	0
FEB	45	44	1	0	340	0	0
MAR	215	212	2	1	447	1	0
APR	130	129	1	0	446	0	0
MAY	265	265	0	0	577	0	0
JUNE	226	226	0	0	735	0	0
JULY							
AUG							
SEPT							
OCT							
NOV							
DEC							
TOTAL YTD	973	967	5	1			
AVG PER MONTH	162	161	1	0			

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TNCR (TELEPHONE NUMBER CHANGE REQUEST) CURRENT STATUS – JUNE, 2015

NOTE:

- 9-1-1 NET is a secure web-based application that provides access to request changes to the MSAG, ALI, TN, and ESN/ELT data supported and maintained by Intrado for the Telephone Company (TelCo).
- TNCRs are not requests to change Telephone Numbers (TNs); however, it is a corrective process within 9-1-1 NET to modify location information associated with an Automatic Location Identification (ALI) record to a valid MSAG address for 9-1-1 purposes.

PSAP 9-1-1 Telephone Number Location Change Request (Telephone Number Change Request (TNCR) Status)				
PSAP	TOTAL TNCR RECORDS SUBMITTED BY AKIMEKA	OPENED TNCRS PENDING FURTHER ACTION BY INTRADO	OPENED TNCRS REFERRED TO TELCO BY INTRADO	TOTAL UNOPENED TNCR RECORDS
MAUI	431	66	47	318
MOLOKAI	304	18	19	267
TOTAL	735	84	66	585

STATUS
<u>TOTAL TNCRs SUBMITTED</u> - The total number of TNCR requests for modification that have been submitted in 9-1-1 NET.
<u>PENDING STATUS</u> - TNCRs assigned this status are requests which have been reviewed by the 9-1-1 Database Service Provider Data Analyst, and are pending investigation whether the request is valid or invalid, and/or whether the request requires additional information to validate.
<u>REFERRED STATUS</u> - TNCRs assigned this status are requests which have been reviewed by the 9-1-1 Database Service Provider Data Analyst, and the request requires additional information to validate. The Intrado Data Analysts assigns this status to a TNCR and the request is referred to the telephone service providers for further research.
<u>TOTAL UNOPENED TNCR RECORDS STATUS</u> - The request is submitted by Akimeka on behalf the PSAP; however, processing by the 9-1-1 Database Service Provider Data Analyst has not begun.

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GEOGRAPHIC INFORMATION SYSTEM (GIS) – JUNE 2015

MAPPING LAYERS UPDATED (PART I)

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

MAUI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Address Points	6/30/2015		Spatially corrected fifty-one (51) address points in Pukalani
	6/29/2015		Added house number to two (2) address points in Hana
	6/29/2015		Spatially corrected three (3) address points in Hana
	6/29/2015		Spatially corrected one hundred five (105) address points in Pukalani
	6/26/2015		Spatially corrected two hundred two (202) address points in Pukalani
	6/25/2015		Added two (2) addresses in Haiku
	6/25/2015		Added one (1) address in Hana
	6/25/2015		Spatially corrected one (1) address point in Kula
	6/25/2015		Added one (1) address in Maunaloa
	6/25/2015		Spatially corrected ten (10) address points in Pukalani
		06/24/15	
	6/24/2015		Spatially corrected sixty-four (64) address points in Pukalani
	6/24/2015		Added one (1) address in Pukalani
	6/23/2015		Spatially corrected eighty-three (83) address points in Kaunakakai
	6/23/2015		Added one (1) address in Kaunakakai
	6/23/2015		Added one (1) address in Kaunakakai
	6/23/2015		Spatially corrected one (1) address point in Kihei
	6/23/2015		Spatially corrected ninety-six (96) address points in Lanai
	6/22/2015		Added house number for one (1) address in Haiku
	6/22/2015		Spatially corrected one (1) address point in Haiku
	6/22/2015		Added two (2) addresses in Hana
	6/22/2015		Spatially corrected three (3) address points
	6/22/2015		Spatially corrected fourteen (14) address points in Kahului
	6/22/2015		Added two (2) addresses in Kahului
	6/22/2015		Spatially corrected five (5) address points in Kaunakakai
	6/22/2015		Added two (2) addresses in Kaunakakai
	6/22/2015		Spatially corrected five (5) address points in Kihei
	6/22/2015		Added one (1) address in Kihei
	6/22/2015		Added one (1) address in Wailuku
	6/18/2015		Added one (1) address in Makawao
	6/18/2015		Spatially corrected one (1) address in Kaunakakai
	6/17/2015		Added one (1) address in Hana

Maui County E9-1-1 Status Report

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MAPPING LAYERS UPDATED (PART II)

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

MAUI COUNTY				
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks	
	Date Created/ Edits Performed			
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)				
Address Points	6/17/2015		Added two (2) address points in Hoolehua	
	6/17/2015		Spatially corrected one (1) address point in Hoolehua	
	6/17/2015		Added one (1) Location Name in Hoolehua	
	6/17/2015		Spatially corrected two (2) address points in Kaluakoi	
	6/17/2015		Added two (2) addresses in Kualapuu	
	6/17/2015		Added two (2) addresses in Maunaloa	
	6/15/2015		Spatially corrected four (4) address points in Kaunakakai	
	6/12/2015		Spatially corrected thirty-two (32) address points in Kaunakakai	
	6/11/2015		Changed one (1) address in Haiku	
	6/11/2015		Spatially corrected one (1) address in Kualapuu	
	6/11/2015		Added two (2) addresses in Kualapuu	
	6/11/2015		Added one (1) address in Pukalani	
		06/10/15		
	6/9/2015		Added two (2) addresses in Kaunakakai	
	6/9/2015		Added one (1) address in Hoolehua	
	6/8/2015		Added a Location Name for two (2) addresses in Lahaina	
	6/8/2015		Added one (1) address in Kualapuu	
	6/5/2015		Added one (1) address in Hoolehua	
	6/5/2015		Added one (1) address in Kahului	
	6/5/2015		Spatially corrected one (1) address in Kaunakakai	
	6/5/2015		Added one (1) address in Kaunakakai	
	6/5/2015		Added one (1) address in Maunaloa	
	6/5/2015		Spatially corrected two (2) address points in Pukoo	
	6/5/2015		Added one (1) address in Pukoo	
	6/2/2015		Spatially corrected thirty-three (33) address points in Lanai	
	Airports			
Bridges				

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MAPPING LAYERS UPDATED (PART III)

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

MAUI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Building Footprints			
Bus Stops			
Churches			
	6/29/2015	06/25/15	Added Church of Jesus Christ of Latter Day Saints Hana
	6/17/2015		Added one (1) church, St Vincent Ferrer Catholic Church, Maunaloa
Coastal Names	6/29/2015		Added two (2) coastal names
Coastline			
Common Places			
Correctional Facilities			
Emergency Callboxes			
Emergency Operation Centers			
Emergency Shelters			

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MAPPING LAYERS UPDATED (PART IV)

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

MAUI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
ESZ/ESN			
Fire Beats	6/29/2015		Modified boundary for Beat 1, 2, 7 and 10 to match spatially corrected street centerlines
Fire Districts	6/29/2015		Modified boundary for District of Hana, Lahaina and Wailuku
Fire Response Areas	6/29/2015		Modified boundary for RA 100, 201, 600, 1000, 1001 and 1002 to match spatially corrected street centerlines
Fire Stations			
Food & Beverage			
Gas Stations			
Gate Codes		06/25/15	
	6/18/2015		Changed gate code at Pineapple Hill (Simpson Way) per Maui Dispatch and spatially corrected Pineapple Hill (Crestview Rd)
Government Buildings			
Harbors			

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MAPPING LAYERS UPDATED (PART V)

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

MAUI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Helipads			
Hiking Trails			
Hospitals			
Hydrants			
Hyrdology Layers: Dams Ponds Streams Waterfalls			
Incident Response Areas			
Lodging			
	6/29/2015		Spatially corrected five (5) hotel locations in Hana
Major Roads			
Medic Beats			
Medic Districts			

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MAPPING LAYERS UPDATED (PART VI)

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

MAUI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Medic Response Areas			
Medic Stations			
Medical Facilities			
Milepost Markers			
MSAG Communities			
Net Junctions			
Ocean Rescue Boundaries			
Ocean Safety			
Parcels			
Parks			
	6/17/2015		Added one (1) park, Palaau State Park, Kualapuu
Parks Polygon			

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MAPPING LAYERS UPDATED (PART VII)

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

MAUI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Points of Interest	6/29/2015		Added eight (8) POI, added one (1) address, corrected the name for one (1) POI and spatially corrected seven (7) POI
		06/24/15	
	6/17/2015		Added four (4) POI on Molokai
		06/10/15	
Police Beats			
	6/29/2015		Modified boundary of Beat 1-10, 1-11, 1-30, 1-31, 4-20, 4-30, 6-41 and 6-42 to match spatially corrected street centerlines
		06/24/15	
	6/22/2015		Modified boundary of Beat 2-10 & 2-20 to match spatially corrected street centerlines
		06/10/15	
Police Districts			
Police Response Areas			
	6/29/2015		Modified boundary of RA 4, 6, 7, 48 and 49 to match spatially corrected street centerlines
Police Stations			
Post Offices			
Schools			
Street Centerlines	6/30/2015		Spatially corrected sixteen (16) street centerline segments in Pukalani
	6/26/2015		Spatially corrected ten (10) street centerline segments in Pukalani
	6/26/2015		Modified range of two (2) street centerline segments in Pukalani
	6/25/2015		Spatially corrected one (1) street centerline segment in Pukalani

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MAPPING LAYERS UPDATED (PART VIII)

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

MAUI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Street Centerlines	6/25/2015		Added one (1) street centerline segment in Pukalani
		06/24/15	
	6/24/2015		Spatially corrected two (2) street centerline segments in Pukalani
	6/22/2015		Merged two (2) street centerline segments in Pukalani
	6/18/2015		Spatially corrected twenty-five (25) street centerline segments in Kaunakakai
	6/17/2015		Modified one (1) street centerline range segment in Hoolehua
	6/17/2015		Spatially corrected two (2) street centerline segments in Kaunakakai
	6/17/2015		Modified three (3) street centerline range segments in Kualapuu
	6/17/2015		Modified one (1) street centerline range segment in Maunaloa
	6/16/2015		Spatially corrected fifteen (15) street centerline segments in Kaunakakai
	6/15/2015		Spatially corrected twelve (12) street centerline segments in Kaunakakai
	6/12/2015		Spatially corrected thirteen (13) street centerline segments in Kaunakakai
	6/11/2015		Spatially corrected seventeen (17) street centerline segments in Kaunakakai
	6/11/2015		Spatially corrected one (1) street centerline segment in Pukalani
		06/10/15	
	6/10/2015		Spatially corrected five (5) street centerline segments on Lanai
	6/9/2015		Spatially corrected eighteen (18) street centerline segments in Lahaina
	6/9/2015		Assigned range to one (1) street centerline segment
	6/5/2015		Spatially corrected seven (7) street centerline segments on Lanai
	6/4/2015		Spatially corrected six (6) street centerline segments on Lanai
	6/3/2015		Spatially corrected thirty-three (33) street centerline segments on Lanai
	6/2/2015		Spatially corrected four (4) street centerline segments on Lanai
	6/1/2015		Spatially corrected twenty-seven (27) street centerline segments in Lanai
Subdivisions			
Tow Jurisdictions			
Tsunami Evacuation Zones			

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MAPPING LAYERS UPDATED (PART IX)

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

MAUI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Tsunami Heights			
Waste Water Plants			
WSP Cell Sectors		06/24/15	
		06/10/15	
	6/9/2015		Per VZW CRS
	6/1/2015		Per VZW CRS
WSP Cell Towers		06/24/15	
		06/10/15	
	6/9/2015		Per VZW CRS
	6/1/2015		Per VZW CRS

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.

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GEOGRAPHIC INFORMATION SYSTEM (GIS) NARRATIVES

GIS KEY ACTIVITIES/UPDATES

- GIS Key activities include the events such as GIS deliverables, meetings, agreements, etc.

Date	Key Activities/Updates
6/25/2015	Delivered the following data for the Intergraph CAD map: Maui Cell Coverage .csv, .str, .rte and .map which included updated Address Points, Gate Codes, Points of Interest, Police Beats, Street Centerlines and WSP Cell Towers
6/24/2015	Delivered the following data for MapFlex: Address Points, Churches, Points of Interest, Parks, Street Centerlines, WSP Cell Sectors and WSP Cell Towers
6/10/2015	Delivered the following data for MapFlex: Address Points, Points of Interest, Street Centerlines, WSP Cell Sectors and WSP Cell Towers
6/10/2015	Delivered the following data for the Intergraph CAD map: Maui Cell Coverage .csv, .str, .rte and .map which included updated Address Points, WSP Cell Towers, Points of Interest, and Street Centerlines
6/10/2015	Uploaded the following data onto PowerMap at Molokai dispatch: Address Points, Points of Interest, Street Centerlines, WSP Cell Sectors and WSP Cell Towers
6/10/2015	Deleted overlapping and multiple Street Centerline and Stream labels and added Street Centerline labels on the Intergraph CAD Map.

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NEXT GENERATION 911 (NG9-1-1) GIS REQUIREMENTS

The transition of E9-1-1 to NG9-1-1 has caused a shift in the focus of the 9-1-1 GIS work. This new focus has centralized the GIS data model with more of an emphasis toward a higher degree of precision, while continuing its foundation on current, accurate, and standardized GIS data, only now to a higher level of exactness.

The NG9-1-1 GIS requirements have repositioned the focal point from generalizations and interpolation on Street Centerlines and civic addressing, to new and more focused requirements of point specific locations utilizing lat/longs, combined with civic addresses to determine a 9-1-1 caller's location from any communications device and from any location.

Akimeka has adapted the NG9-1-1 requirements into their correction processes and has continued working to improve accuracy, completeness, and quality of the GIS data. The redesigned correction process will also promote a higher level of detail, which helps facilitate data consistency and is an important element for interoperability and information sharing across the PSAPs.

During the month of June 2015, Akimeka has focused on correcting the following areas and has established a baseline moving into NG9-1-1:

NG9-1-1 GIS Data Corrections			
GIS Layer Name	Type of Correction	Number of Records Corrected/Modified/Added/Removed	Comments/Details
Address Points	Addition	33	Addresses assigned by DSA, DSA Address Layer, MSAG and field verifications
	Spatially Corrected	721	Corrected location of address point, recalculated x/y
	Correction	0	Correction of address
	Change	1	DSA reassigns an address
	House Number	3	HN assigned
	Location Name	3	Added or Changed Location Name
Response Boundaries	Spatially Corrected	28	Boundary corrections to match spatially corrected street centerlines. Layers include Police Beats, Police Response Areas, Fire Beats, Fire districts, Fire Response Areas.
Street Centerlines	Addition	1	Added a street centerline segment
	Range Segments	8	Modification of a range
	Spatially Corrected	214	Corrected using Pictometry
	Partial Spatial Correction	0	Corrected using Pictometry
	Merged	1	Combined street centerline segments

NOTE:

- Response Boundaries include any updates to ESNs, Police Beats, Fire Beats, etc. that pertain to Dispatch and Response.

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INTERGRAPH CAD UPGRADE

Subsequent to the Intergraph CAD upgrade in June 2014, there have been several successful uploads and the CAD map has ran smoothly with little to no issues reported. The upgrade had included an upgraded process, new improvements identified and enhanced system performance. Intergraph deliverables continue to be delivered by Akimeka and uploaded each month to ensure the CAD is provided the latest updates available.

1. Akimeka successfully delivered an updated Intergraph CAD map on June 10, 2015 which included:
 - a. Address Points, Points of Interest, Street Centerlines, and WSP Cell Towers
 - b. .map, .str, .rte, .ply files, CAD Map Build database and Cell Coverage.csv
2. On June 25, 2015, the following data was prepared and delivered for an Intergraph CAD Map update:
 - a. Address Points, Gate Codes, Points of Interest, Police Beats, Street Centerlines and WSP Cell Towers
 - b. The .map, .str, .rte, CAD Map Build database and Cell Coverage.csv were also delivered.
3. Throughout the month of June, Akimeka deleted overlapping and crowded Street Centerline and Stream labels and added Highway shields and Street Centerline labels. This continues to be a work in progress.

During July 2015, the Intergraph CAD map will continue to be delivered on a bi-monthly basis, which has been coordinated with all mapping system updates and synchronizations with other 911 databases.

MAPFLEX DEPLOYMENT

During the month of June 2015, there were continued GIS deliverables into the MapFlex system for Hawaii County, Maui County, and Kauai County. For a chronology prior to June, please see the April and May 2015 Monthly Status Report. The MapFlex deployment has been primarily concluded, and is now considered a running system capable of receiving updates regularly.

1. Akimeka delivered GIS data to the MapFlex system on the following dates in June 2015
 - a. **Hawaii County** – June 9th and June 23rd
 - b. **Maui County** – June 10th and June 24th
 - c. **Kauai County** – June 11th and June 25th

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POWERMAP

During the May 14, 2015, 9-1-1 Communications Technical and Finance Committee it was discussed that with the successful implementation of the MapFlex system, the uploads for the PowerMap system are scheduled to be phased out by the end of May 2015.

1. The phase out plan for uploads to PowerMap included the disconnection of the dedicated circuits from Akimeka's office in Kihei, Maui to Hawaii County, Maui County, and Kauai County on May 31, 2015.
 - a. This meant that Akimeka would no longer have a connection to the PowerMap at each Neighbor Island to perform uploads and that there will be no technical support of PowerMap. The phasing out of PowerMap was due to the system surpassing its expected lifecycle and it had remained in service for more than 8 years.
2. The phase out plan also included Akimeka's assistance in the removal of GIS data which contains proprietary information to the PSAPs that must be cared for and also includes IPR information from Akimeka.
 - a. Akimeka was on site to perform the data removal of PowerMap in **Maui County** on June 12, 2015. Six (6) PowerMap positions were cleaned during this process.
 - b. Akimeka was on site to perform the data removal of PowerMap in **Kauai County** on June 23, 2015. Six (6) PowerMap positions were cleaned during this process.
 - c. **Hawaii County** IT will be removing the PowerMap positions during the month of July 2015, so that Akimeka can assist in cleaning the positions.

Maui County E9-1-1 Status Report

June 1, 2015 - June 30, 2015

SERVICE REQUESTS TRANSACTIONS

OPEN SERVICE REQUESTS – MAUI PSAP JUNE 2015

MAUI PSAP						
#	Date	Ticket #	Description	Category	Urgency	Comments
			None			

NOTE:

There are no Open Service Requests for the Maui PSAP for June 2015.

MAUI PSAP SERVICE REQUEST YEAR-TO-DATE (YTD) SUMMARY – 2015

MAUI PSAP				SERVICE REQUEST CATEGORIES			
2015	TOTAL		Open	911 Map		MSAG	
	Created	Closed		Created	Closed	Created	Closed
2014 Carryover*			0				
January	2	2	0	1	1	1	1
February	0	0	0	0	0	0	0
March	4	3	1	0	0	4	3
April	1	1	1	1	1	0	0
May	0	1	0	0	0	0	1
June	0	0	0	0	0	0	0
July							
August							
September							
October							
November							
December							
TOTAL	7	7	0	2	2	5	5

NOTE:

- *The 2014 Carry Over row indicated the number of Service Requests that remained opened in 2014.
- Detailed information on service tickets is available upon request.

Definitions:	Category	Description
	911 Map	Mapping computer not functioning or displaying properly.
	MSAG	Discrepancies with 9-1-1 MSAG addresses

Maui County E9-1-1 Status Report

June 1, 2015 - June 30, 2015

OPEN SERVICE REQUESTS – MOLOKAI PSAP JUNE 2015

MOLOKAI PSAP						
#	Date	Ticket #	Description	Category	Urgency	Comments
			NONE			

NOTE:

There are no Open Service Requests for the Molokai PSAP for June 2015.

MOLOKAI PSAP SERVICE REQUEST YEAR-TO-DATE (YTD) SUMMARY – 2015

MOLOKAI PSAP				SERVICE REQUEST CATEGORIES			
2015	TOTAL		Open	911 Map		MSAG	
	Created	Closed		Created	Closed	Created	Closed
2014 Carryover*			0				
January	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0
March	1	1	0	0	0	1	1
April	1	1	0	0	0	1	1
May	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0
July							
August							
September							
October							
November							
December							
TOTAL	2	2	0	0	0	2	2

NOTE:

- *The 2014 Carry Over row indicated the number of Service Requests that remained opened in 2014.
- Detailed information on service tickets is available upon request.

Definitions:	Category	Description
	911 Map	Mapping computer not functioning or displaying properly.
	MSAG	Discrepancies with 9-1-1 MSAG addresses

Maui County E9-1-1 Status Report

June 1, 2015 - June 30, 2015

5. 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 June 2015.

The database synchronization effort included comparing Maui County's 9-1-1 MSAG against its GIS Street Centerline data. A total number of 2,587 9-1-1 MSAG (ESN 300 – 357) records were reviewed in the audit and analyzed. Results of the database synchronization audit completed on June 1, 2015 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.

Maui County E9-1-1 Status Report

June 1, 2015 - June 30, 2015

AUDIT SUMMARY RESULTS – 2015

9-1-1 MSAG TO GIS STREET CENTERLINE AUDIT COMPARISON RESULTS	Notes	As of September 1, 2014		As of December 1, 2014		As of March 1, 2015		As of June 1, 2015	
		9-1-1 MSAG Dated 9-01-14		9-1-1 MSAG Dated 12-01-14		9-1-1 MSAG Dated 3-01-15		9-1-1 MSAG Dated 6-01-15	
		# of Records	%	# of Records	%	# of Records	%	# of Records	%
Total 9-1-1 MSAG Records Reviewed		2,653		2,655		2,658		2,661	
Less: 9-1-1 MSAG Exception Records	(1)	72	2.7%	72	2.71%	74	2.78%	74	2.78%
Net 9-1-1 MSAG Records Eligible for Comparison		2,581		2,583		2,584		2,587	
Total 9-1-1 MSAG Records Match (9-1-1 MSAG -- GIS Match -- No Corrections Required)		2,577	99.8%	2,581	99.92%	2,584	100.00%	2,587	100.00%
9-1-1 MSAG -- GIS No Match - Minor Correction Required	(2)	4	0.2%	2	0.08%	0	0.00%	0	0.00%
9-1-1 MSAG Record With No GIS Record	(3)	0	0.0%	0	0.00%	0	0.00%	0	0.00%
Total 9-1-1 MSAG Records No Match		4	0.2%	2	0.08%	0	0.00%	0	0.00%

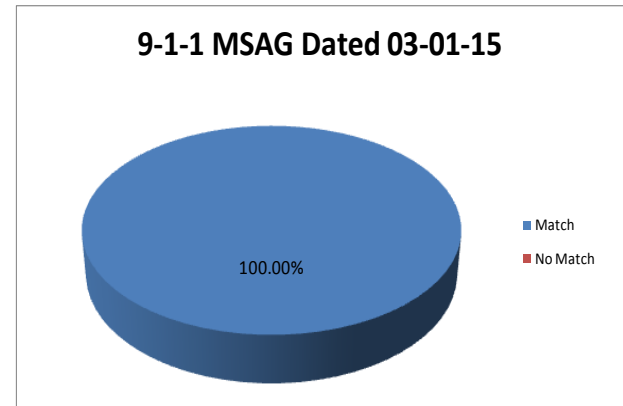
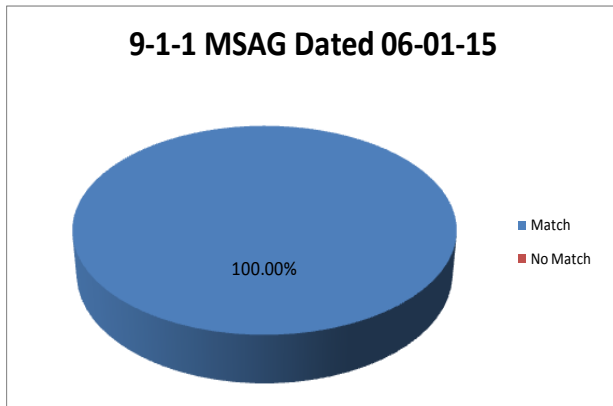
AUDIT SUMMARY NOTES:

- 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.
- 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.).
- 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.

Maui County E9-1-1 Status Report

June 1, 2015 - June 30, 2015

MSAG AUDIT SUMMARY RESULTS – JUNE 1, 2015 - MARCH 1, 2015



NOTE:

Maui County's level of accuracy or 9-1-1 Match percentage remained constant

from 100% as of March 1, 2015 to 100% as of June 1, 2015

NENA Recommended Match Rate = 98%

MSAG AUDIT SUMMARY RESULTS NOTES:

- “MSAG - GIS Minor Corrections” remained constant (0 to 0) from March 2015 to June 2015 respectively. The decrease is primarily the result of edits made to the GIS Street Centerlines layer in order to meet new NG9-1-1 requirements. Low and high address ranges were then adjusted in the MSAG to correspond with the GIS record. Although this is a minor correction, customer telephone numbers (TNs) need to be validated by the service providers prior to adjusting an address range.
- “MSAG Record with No GIS Record” remained constant with zero MSAG Record with No GIS Record from March 2015 to June 2015 respectively. The total of zero MSAG Record with No GIS Record was due primarily to the verification of the MSAG records against multiple GIS databases to determine if the roads are existing within Maui County records.
- “GIS Record with Minor Corrections” remained constant (0 to 0) from March 2015 to June 2015 respectively. Low and high address ranges, street suffix, and MSAG Community were adjusted in the GIS to correspond with the MSAG record.
- “MSAG records that don’t match GIS” remained constant (0 to 0) from March 2015 to June 2015 respectively. The decrease in the number of MSAG Records not matching the GIS database resulted in a combination of corrections to the GIS and MSAG databases have been processed in order to meet NG9-1-1 requirements.
- 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

June 1, 2015 - June 30, 2015

INVALID MSAG STREETS AND ADDRESS RANGES – ESN X99 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:

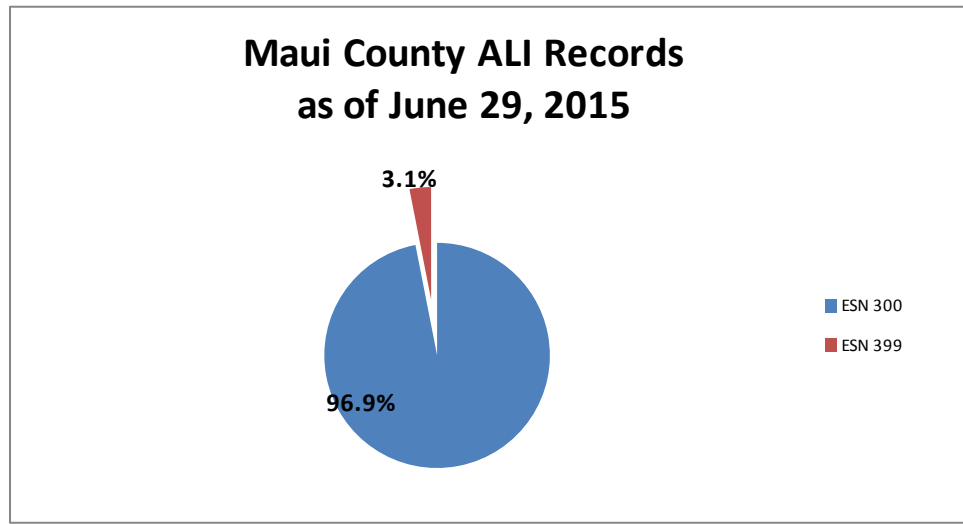
PSAP	ESN	Invalid MSAG Records			
		9-1-1 MSAG Dated 03-01-15		9-1-1 MSAG Dated 06-01-15	
		Number of Records	% of Total Invalid MSAG Records	Number of Records	% of Total Invalid MSAG Records
MAUI	399	120	4.7%	104	4.1%
MOLOKAI	359	42	16.2%	32	12.5%
TOTAL MAUI COUNTY		162	5.7%	136	4.9%

Maui County E9-1-1 Status Report

June 1, 2015 - June 30, 2015

AUTOMATIC LOCATION IDENTIFICATION (ALI) DISCREPANCY REPORT

As part of Akimeka's ongoing database synchronization efforts, Akimeka reviewed and summarized the ALI discrepancy reports by community for Maui County. As of June 29, 2015, **2,103** ESN 399 (Maui/Lanai) and ESN 359 (Molokai) records, representing **3.1%** of Maui County's total ALI records, require research and corrective action, if needed.



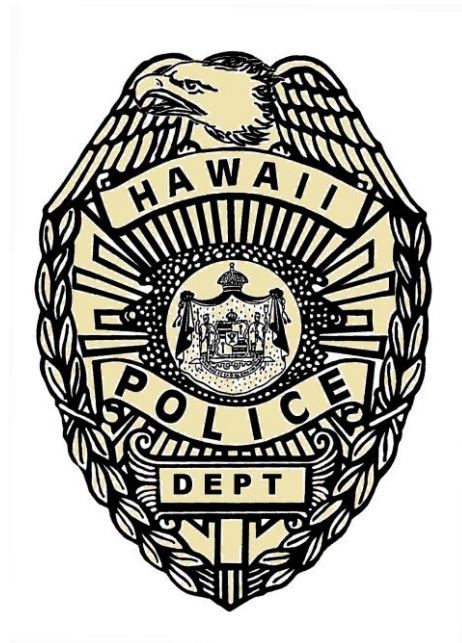
THE TOTAL NUMBER OF ALI RECORDS REMAINS RELATIVELY CONSISTENT.

NOTES:

The number of ESN 359/399 ALI records decreased from 2,444 to 2,103 from March 2015 to June 2015 respectively. The decrease reflects the work that Akimeka has done since the last database synchronization in March 2015. 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.

Hawaii County E9-1-1 Status Report

June 1, 2015 – June 30, 2015



Hawaii County E9-1-1 Status Report

June 1, 2015 – June 30, 2015

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Hawaii County E9-1-1 Status Report

June 1, 2015 – June 30, 2015

1. PSAP OPERATIONS

9-1-1 CALL VOLUME HAWAII COUNTY PSAPS – JUNE 2015

(Source: Intrado Viper)

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

9-1-1 Call Volume																	
HAWAII COUNTY PSAPs		Wireline		Wireless				VOIP		Calls With No ALI		Admin Calls		Abandoned Calls		Other Calls	
2015	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	No. of Other Calls	% of Total Calls
JUNE	17,884	3,522	19.69%	12,135	67.85%	46.91%	53.09%	675	3.77%	6	0.03%	0	0.00%	1,546	8.64%	0	0.00%

CALL VOLUME HAWAII COUNTY PSAP NOTES:

*The number of Wireless Phase 2 calls (53.09%) has increased from the number of Wireless Phase 1 calls (46.91.22. %) in June2015.

*Call with no Ali = 0.03% - Statewide average = 1.24%

9-1-1 CALL VOLUME – CALENDAR YEAR 2015

9-1-1 Call Volume																	
HAWAII COUNTY PSAPs		Wireline		Wireless				VOIP		Calls with No ALI		Admin Calls		Abandoned Calls		Other Calls	
2015	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	No. of Other Calls	% of Total Calls
JAN	19,236	4,158	21.62%	12,597	65.49%	47.56%	52.44%	807	4.20%	4	0.02%	0	0.00%	1,670	8.68%	0	0.00%
FEB	17,222	3,513	20.40%	11,581	67.25%	46.45%	53.55%	707	4.11%	7	0.04%	0	0.00%	1,414	8.21%	0	0.00%
MAR	17,858	3,765	21.08%	11,972	67.04%	49.27%	50.73%	653	3.66%	3	0.02%	0	0.00%	1,465	8.20%	0	0.00%
APR	17,756	3,483	19.62%	11,998	67.57%	48.95%	51.05%	717	4.04%	9	0.05%	0	0.00%	1,549	8.72%	0	0.00%
MAY	18,561	3,534	19.04%	12,546	67.59%	50.22%	49.78%	727	3.92%	5	0.03%	0	0.00%	1,749	9.42%	0	0.00%
JUNE	17,884	3,522	19.69%	12,135	67.85%	46.91%	53.09%	675	3.77%	6	0.03%	0	0.00%	1,546	8.64%	0	0.00%
JULY																	
AUG																	
SEPT																	
OCT																	
NOV																	
DEC																	
YTD	108,517	21,975		72,829				4,286		34		0		9,393		0	
MON AVG	18,086	3,663	20.24%	12,138	67.13%	48.23%	51.77%	714	3.95%	6	0.03%	0	0.00%	1,566	8.65%	0	0.00%

Hawaii County E9-1-1 Status Report

June 1, 2015 – June 30, 2015

9-1-1 CALL VOLUME BY AGENCY – JUNE 2015

2015	9-1-1 Call Volume by Agency									
	Hawaii Police Department					Hawaii Fire Department				
	Number of Total Calls Received	% of Total Calls	Number of Admin Calls	Number of Abandoned Dropped Calls	Number of Other Calls	Number of Total Calls Received	% of Total Calls	Number of Admin Calls	Number of Abandoned Dropped Calls	Number of Other Calls
June	14,363	80.31%	0	1,519	0	1,975	11.04%	0	27	0

9-1-1 CALL VOLUME BY AGENCY – CALENDAR YEAR 2015

2015	9-1-1 Call Volume by Agency									
	Hawaii Police Department					Hawaii Fire Department				
	Number of Total Calls Received	% of Total Calls	Number of Admin Calls	Number of Abandoned Dropped Calls	Number of Other Calls	Number of Total Calls Received	% of Total Calls	Number of Admin Calls	Number of Abandoned Dropped Calls	Number of Other Calls
January	15,080	78.39%	0	1,633	0	2,486	12.92%	0	37	0
February	13,678	79.42%	0	1,394	0	2,130	12.37%	0	20	0
March	15,722	88.04%	0	1,430	0	2,136	11.96%	0	35	0
April	14,131	79.58%	0	1,521	0	2,076	11.69%	0	28	0
May	14,600	78.66%	0	1,697	0	2,212	11.92%	0	52	0
June	14,363	80.31%	0	1,519	0	1,975	11.04%	0	27	0
July										
August										
September										
October										
November										
December										
YTD	87,574		0	9,194	0	13,015		0	199	0
MON AVG	14,596	80.73%	0	1,532	0	2,169	11.98%	0	33	0

PSAP OPERATION NOTES:

- Abandoned Calls represent the number of incoming 9-1-1 calls for which the caller had hung up before a call-taker answered. Dropped Calls are hang ups after transfers.
- Abandoned Calls are not included in the total of Wireline and Wireless counts respectively.
- All VOIP (Voice over internet protocol) types of 911 calls are combined in the Call Volume statistic.

Hawaii County E9-1-1 Status Report

June 1, 2015 – June 30, 2015

FYI.....FOR YOUR INFORMATION

FYI For Your Information				
MSAG (Master Street Address Guide) Database Synchronized with GIS (Geographical Information Systems) Map Database				
Database Synchronization Update for 2015				
County	As of (Date)	Percentage %		
Kauai County	April 1, 2015	99.80%		
Oahu Civilian	April 1, 2015	99.70%		
Hawaii County	May 1, 2015	100.00%		
Maui County	June 1, 2015	100.00%		
Statewide Average	June 1, 2015	99.88%		
*Statewide average of the Database Synchronization between the MSAG and GIS Database = 99.88%				
NENA's recommended match rate for Next Generation implementation is 98%.				
* Statewide averages does <u>not</u> include the Military MSAG and GIS databases.				
Updating CAD and RMS geofiles with the GIS database will increase the accountability of the Agency's "Calls for Service" for statistical purposes.				

WIRELESS PSAP TESTING – JUNE 2015

HAWAII COUNTY - JUNE 2015						
Date	WSP	Sites Tested	Sectors Tested	Tested By:	Test Pass/Fail	Comments:
6/12/2015	Sprint	1	6	Hawaii PSAP	3 Pass/3 Fail	

NOTES:

- There was one (1) scheduled Wireless 911 Test for the month of June 2015.

Hawaii County E9-1-1 Status Report

June 1, 2015 – June 30, 2015

2. MSAG (MASTER STREET ADDRESS GUIDE)

MSAG TRANSACTIONS CURRENT MONTH – JUNE 2015

HAWAII COUNTY	9-1-1 NET REQUESTS						
	MSAG TRANSACTIONS						
2015	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected
JUNE	45	5	0	37	3	0	97

MSAG CURRENT MONTH NOTES:

A total of **299** MSAG transactions were processed in 9-1-1 Net during the month of June 2015. Forty-five (**45**) requests were processed relating to the MSAG database, and **254** requests relating to the ALI database (see ALI Transaction chart on next page). There were **97** customer ANI/ALI (telephone/address) records updated as a direct result.

MSAG YEAR-TO-DATE (YTD) SUMMARY – 2015

HAWAII COUNTY	9-1-1 NET REQUESTS						
	MSAG TRANSACTIONS						
2015	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected
JANUARY	86	32	0	37	17	0	149
FEBRUARY	26	5	1	9	9	2	109
MARCH	52	10	3	33	5	1	180
APRIL	74	8	0	55	11	0	276
MAY	32	5	0	24	3	0	256
JUNE	45	5	0	37	3	0	97
JULY							
AUGUST							
SEPTEMBER							
OCTOBER							
NOVEMBER							
DECEMBER							
TOTAL YTD	315	65	4	195	48	3	1,067
AVG PER MONTH	53	11	1	33	8	1	178

Hawaii County E9-1-1 Status Report

June 1, 2015 – June 30, 2015

ALI TRANSACTIONS CURRENT MONTH – JUNE 2015

HAWAII COUNTY		9-1-1 NET REQUESTS					
		ALI TRANSACTIONS SUBMITTED			Open Discrepancy Records as of Report Month End		
2015	TOTAL	TN CR (A)	ALI-DR (B)	VoIP DR (C)	TN CR	ALI-DR	VoIP DR
JUNE	254	245	9	0	665	2	0

Definitions	
(A) Telephone Number Change Request - 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) Automatic Location Information Discrepancy Record - Represents an address discrepancy discovered during a live 9-1-1 call, from a landline. These record corrections are treated with a higher priority and should be processed within 48 hours as a general guideline. (C) Voice over Internet Protocol Discrepancy Record - Represents an address discrepancy discovered during a live 9-1-1 call, from a VoIP phone. These record corrections are treated with a higher priority and should be processed within 72 hours as a general guideline per Time Warner Operations Center. MSR tracking effective April 2014.	

ALI TRANSACTIONS CURRENT MONTH NOTES:

245 Telephone Number Change Requests (TN CR) transactions were processed with MSAG valid addresses, as a result of the ESN 299 clean-up effort. There were nine (9) ALI Discrepancy Requests (ALI DR) processed in 9-1-1 Net, as the result of a 911 calls from residences in several communities. No VoIP Discrepancy Requests were submitted to Time Warner Cable in the month of June.

OPEN DISCREPANCY RECORDS STATUS:

- **There are 665 Open TN CR Transactions as of June 30, 2015**
- **Refer to chart in the next section "TNCR Current Status"**

The Open TN CR transactions 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.

Hawaii County E9-1-1 Status Report

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There are two (2) Open ALI-DRs as of June 30, 2015

The ALI DRs were the result of 9-1-1 calls from businesses in Kailua Kona. Hawaii County Fire submitted a request to Akimeka to update the customer information and provided an MSAG valid address. 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.

There are no Open VoIP DRs as of June 30, 2015

ALI TRANSACTIONS YEAR-TO-DATE (YTD) SUMMARY – 2015

HAWAII COUNTY		9-1-1 NET REQUESTS					
		ALI TRANSACTIONS SUBMITTED			Open Discrepancy Records as of Report Month End		
2015	TOTAL	TN CR	ALI-DR	VoIP DR	TN CR	ALI-DR	VoIP DR
JAN	82	71	5	6	408	2	2
FEB	104	96	5	3	430	3	0
MAR	170	159	10	1	474	3	0
APR	252	248	3	1	532	3	0
MAY	377	377	0	0	510	3	0
JUNE	254	245	9	0	665	2	0
JULY							
AUG							
SEPT							
OCT							
NOV							
DEC							
TOTAL YTD	1,239	1,196	32	11			
AVG PER MONTH	207	199	5	2			

Hawaii County E9-1-1 Status Report

June 1, 2015 – June 30, 2015

TNCR (TELEPHONE NUMBER CHANGE REQUEST) CURRENT STATUS – JUNE 2015

NOTE:

- 9-1-1 NET is a secure web-based application that provides access to request changes to the MSAG, ALI, TN, and ESN/ELT data supported and maintained by Intrado for the Telephone Company (TelCo).
- TNCRs are not requests to change Telephone Numbers (TNs); however, it is a corrective process within 9-1-1 NET to modify location information associated with an Automatic Location Identification (ALI) record to a valid MSAG address for 9-1-1 purposes.

PSAP 9-1-1 Telephone Number Location Change Request (Telephone Number Change Request (TNCR) Status)				
PSAP	TOTAL TNCR RECORDS SUBMITTED BY AKIMEKA	OPENED TNCRS PENDING FURTHER ACTION BY INTRADO	OPENED TNCRS REFERRED TO TELCO BY INTRADO	TOTAL UNOPENED TNCR RECORDS
HAWAII	665	109	56	500

STATUS
<u>TOTAL TNCRs SUBMITTED</u> - The total number of TNCR requests for modification that have been submitted in 9-1-1 NET.
<u>PENDING STATUS</u> - TNCRs assigned this status are requests which have been reviewed by the 9-1-1 Database Service Provider Data Analyst, and are pending investigation whether the request is valid or invalid, and/or whether the request requires additional information to validate.
<u>REFERRED STATUS</u> - TNCRs assigned this status are requests which have been reviewed by the 9-1-1 Database Service Provider Data Analyst, and the request requires additional information to validate. The Intrado Data Analysts assigns this status to a TNCR and the request is referred to the telephone service providers for further research.
<u>TOTAL UNOPENED TNCR RECORDS STATUS</u> - The request is submitted by Akimeka on behalf the PSAP; however, processing by the 9-1-1 Database Service Provider Data Analyst has not begun.

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3. GEOGRAPHIC INFORMATION SYSTEM (GIS) – JUNE 2015

MAPPING LAYERS UPDATED (PART I)

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

HAWAII COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Address Points	6/24/2015		Completed monthly update on address points.
	6/24/2015		Spatially corrected seven (7) address points in Honokaa.
	6/24/2015		Spatially corrected eleven (11) address points in Captain Cook.
	6/24/2015		Added five (5) address points in Captain Cook.
	6/24/2015		Added three (3) address points (294019 Aina Mana Rd, 290815 Chin Chuck Rd and 292440 Kaiwiki Homestead Rd) in Hakalau.
	6/24/2015		Added one (1) address point (553349 Puu Mamo Dr) in Hawi.
	6/24/2015		Added sixteen (16) address points in Hilo.
	6/24/2015		Added seven (7) address points in Honokaa.
	6/24/2015		Added nineteen (19) address points in Kailua Kona.
	6/24/2015		Added seven (7) address points in Kamuela.
	6/24/2015		Added three (3) address points (551287 Kaauhuhu Homestead Rd, 530270 Kapania Rd and 541160 Mahiai Pl) in Kapaau.
	6/24/2015		Added sixteen (16) address points in Keaau.
	6/24/2015		Added one (1) address point (786885 Kuhinanui St) in Keauhou.
	6/24/2015		Added nine (9) address points in Kurtistown.
	6/24/2015		Added one (1) address point (350301 Weloka Rd) in Laupahoehoe.
	6/24/2015		Added twelve (12) address points in Mountain View.
	6/24/2015		Added six (6) address points in Naalehu.
	6/24/2015		Added ten (10) address points in Ocean View.
	6/24/2015		Added seventeen (17) address points in Pahoa.
	6/24/2015		Added one (1) address point (270411 Kaapoko Homestead Rd) in Papaikou.
	6/24/2015		Added two (2) address points (280899 Kaupakuea Homestead Rd and 280415 Overpass Rd) in Pepeekeo.
	6/24/2015		Added six (6) address points in Volcano.
		06/23/15	
	6/17/2015		Corrected address to one (1) address point (745022 Old Palani Rd) in Kailua Kona.
	6/17/2015		Corrected address to one (1) address point (671349 Ala Ohia) in Kamuela.
	6/16/2015		Added one (1) address point (160168 9 Half Mile Camp Rd) in Keaau.
	6/16/2015		Spatially corrected twenty-nine (29) address points in Keaau.
	6/16/2015		Spatially corrected ten (10) address points in Kurtistown.
	6/12/2015		Corrected location name to one (1) address point (786800 Alii Dr) in Keauhou.
	6/12/2015		Added nine (9) address points in Keauhou.
	6/12/2015		Spatially corrected one (1) address point (756082 Alii Dr) in Kailua Kona.

Hawaii County E9-1-1 Status Report

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MAPPING LAYERS UPDATED (PART II)

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

HAWAII COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Address Points	6/12/2015		Corrected description to one (1) address point (756082 Alii Dr) in Kailua Kona.
	6/12/2015		Added thirty-six (36) address points in Kailua Kona.
	6/11/2015		Added one (1) address point (734516 Kohanaiki Rd) in Kailua Kona.
	6/11/2015		Spatially corrected ten (10) address points in Kailua Kona.
		06/09/15	
	6/9/2015		Spatially corrected twenty-seven (27) address points in Pahoa.
	6/8/2015		Spatially corrected three (3) address points (748 Hinano St, 748 Hinano St A and 99 Malaai Rd) in Hilo.
	6/8/2015		Spatially corrected one (1) address point (734270 Uu St) in Kailua Kona.
	6/8/2015		Spatially corrected four (4) address points (534230 Akoni Pule Hwy A, 530434 Halaula Maulili Rd, 430451 Halaula Maulili Rd and 530451 Halaula Maulili Rd A) in Kapaau.
	6/8/2015		Spatially corrected twelve (12) address points in Pahoa.
	6/8/2015		Spatially corrected three (3) address points (113952 Nahelenani St, 112137 and 112145 Omeka Rd) in Volcano.
	6/4/2015		Corrected Location Name to one (1) address point (681845 Puu Nui St) in Waikoloa.
	6/4/2015		Spatially corrected ninety (90) address points in Hilo.
	6/4/2015		Spatially corrected four (4) address points (761255, 761263 and 761297 Waiono Ranch Rd and 797195 Hooper Rd) in Holualoa.
	6/4/2015		Spatially corrected one (1) address point (474788 Old Mamalahoa Hwy) in Honokaa.
	6/4/2015		Spatially corrected three (3) address points (745088 Palani Rd, 766120 Royal Poinciana Way and 766120 Royal Poinciana Way A) in Kailua Kona.
	6/4/2015		Spatially corrected five (5) address points in Kamuela.
	6/4/2015		Spatially corrected one (1) address point (530390 Old Halaula Mill Rd A)in Kapaau.
	6/4/2015		Spatially corrected two (2) address points (151351 and 151355 26th Ave) in Keaau.
	6/4/2015		Spatially corrected one (1) address point (816493 Mamalahoa Hwy) in Kealahou.
	6/4/2015		Spatially corrected one (1) address point (951142 Naalehu Spur Rd) in Naalehu.
	6/4/2015		Spatially corrected two (2) address points (442120 Hawaii Belt Rd and 431812 Manienie Rd) in Paauilo.
	6/4/2015		Spatially corrected three (3) address points (136838 Kalapana Kapoho Beach Rd, 125002 Pahoa Kalapana Rd and 143860 Pahoa Kapoho Rd) in Pahoa.

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MAPPING LAYERS UPDATED (PART III)

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

HAWAII COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Address Points	6/4/2015		Spatially corrected two (2) address points (321547 and 321587 Maluhia Rd) in Papaaloa.
	6/2/2015		Corrected Location Name to two (2) address points (453568 and 453574 Mamane St) in Honokaa.
	6/2/2015		Spatially corrected seven (7) address points in Honokaa.
Airports			
Bridges			
Building Footprints			
Bus Stops			
Churches			
Coastal Names			
Coastline			
Common Places			
Correctional Facilities			
Emergency Callboxes			

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MAPPING LAYERS UPDATED (PART IV)

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

HAWAII COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Emergency Operation Centers			
Emergency Shelters			
ESZ/ESN			
Fire Beats			
Fire Districts			
Fire Response Areas			
Fire Stations			
Food & Beverage			
Gas Stations			
Gate Codes			
Government Buildings			
Harbors			

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MAPPING LAYERS UPDATED (PART V)

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

HAWAII COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Helipads			
Hiking Trails			
Hospitals			
Hydrants			
Hyrdology Layers: Dams Ponds Streams Waterfalls			
Incident Response Areas			
Lodging			
Major Roads			
Medic Beats			
Medic Districts			
Medic Response Areas			

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MAPPING LAYERS UPDATED (PART VI)

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

HAWAII COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Medic Stations			
Medical Facilities			
Milepost Markers			
MSAG Communities			
Net Junctions			
Ocean Rescue Boundaries			
Ocean Safety			
Parcels			
Parks			
Parks Polygon			
Points of Interest		06/23/15	
		06/09/15	
	6/4/2015		Corrected address to seven (7) points of interest in Waikoloa.
	6/4/2015		Corrected name to one (1) point of interest (Waikoloa Community Park) in Waikoloa.

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MAPPING LAYERS UPDATED (PART VII)

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

HAWAII COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Points of Interest	6/2/2015		Spatially corrected one (1) point of interest (Paauilo Village Service) in Paauilo.
	6/2/2015		Corrected address to one (1) point of interest (Paauilo Village Service) in Paauilo.
	6/2/2015		Added two (2) points of interest (Bank of Hawaii and Honokaa Peoples Theatre) in Honokaa.
	6/2/2015		Corrected address to two (2) points of interest (Hawaii County Nutrition Prgrm Honokaa and Waipio Lookout) in Honokaa.
	6/2/2015		Spatially corrected thirty-seven (37) points of interest in Honokaa.
Police Beats			
Police Districts			
Police Response Areas			
Police Stations			
Post Offices			
Schools			
Street Centerlines	6/30/2015		Spatially corrected six (6) street segments in Ocean View.
	6/29/2015		Corrected street name to fifteen (15) street segments in Hilo.
	6/29/2015		Corrected street name to five (5) street segments in Holualoa.
	6/29/2015		Spatially corrected one (1) segment of Mamalahoa Hwy in Holualoa.
	6/29/2015		Corrected street name to five (5) street segments in Honokaa.
	6/29/2015		Corrected street name to seven (7) street segments in Kailua Kona.
	6/29/2015		Corrected street name to two (2) street segments (Hokuula Rd and Nani Waimea St) in Kamuela.
	6/29/2015		Corrected street name to two (2) street segments (Keaau Pahoa Rd and Old Volcano Rd) in Keaau.

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MAPPING LAYERS UPDATED (PART VIII)

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

HAWAII COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
	6/29/2015		Corrected street name to one (1) segment of Mamalahoa Hwy in Kealahou.
	6/29/2015		Corrected street name to one (1) segment of Pahoa Rd in Kurtistown.
	6/29/2015		Corrected street name to two (2) street segments (Enos Rd and N Lauko Rd) in Mountain View.
	6/29/2015		Corrected street name to one (1) segment of Hawaii Belt Rd in Ninole.
	6/29/2015		Corrected street name to one (1) segment of Aloha Blvd in Ocean View.
	6/29/2015		Spatially corrected five (5) street segments in Ocean View.
	6/29/2015		Corrected street name to nine (9) street segments in Pahoa.
	6/29/2015		Corrected street name to one (1) street segment of Beach Rd in Pepeekeo.
	6/29/2015		Corrected street name to two (2) street segment (Maile Ave and S Glenwood Rd) in Volcano.
	6/29/2015		Deleted two (2) street segments (Rainbow Dr and Unnamed 21 Hilo Rd) in Hilo.
	6/29/2015		Deleted one (1) street segment of Unnamed1 Captain Cook Rd in Captain Cook.
	6/29/2015		Deleted one (1) street segment of Unnamed9 Kailua Kona Rd in Kailua Kona.
	6/29/2015		Deleted one (1) street segment of Unnamed7 Mountain View Rd in Mountain View.
	6/29/2015		Deleted one (1) segment of Unnamed2 Ocean View Rd in Ocean View.
	6/29/2015		Deleted one (1) segment of Unnamed1 Paauilo Rd in Paauilo.
	6/29/2015		Deleted one (1) segment of Unnamed1 Volcano Rd in Volcano.
	6/24/2015		Completed monthly update on street centerlines.
	6/24/2015		Spatially corrected three (3) street segments (two segments of Ohia St and one segment of Lukiana Pl) in Honokaa.
	6/24/2015		Flipped one (1) segment of Lukiana Pl in Honokaa.
		06/23/15	
	6/17/2015		Corrected range to one (1) street segment of Kilo Hoku Pl in Hilo.
	6/17/2015		Spatially corrected three (3) segments (two segments of Mud Ln and one segment of Pali Rd) in Honokaa.
	6/17/2015		Corrected range to one (1) segment of Pali Rd in Honokaa.
	6/17/2015		Corrected name to one (1) segment of Pali Rd in Honokaa.
	6/17/2015		Spatially corrected one (1) segment of Amaui Pl in Kamuela.
	6/17/2015		Added ten (10) street segments in Kamuela.
	6/16/2015		Corrected range to two (2) segments and split one (1) segment of 9 Half Mile Camp Rd in Keaau.
	6/16/2015		Spatially corrected twenty-four (24) street segments in Kamuela.
	06/09/15		
6/8/2015		Spatially corrected twenty-one (21) street segments in Pahoa.	

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MAPPING LAYERS UPDATED (PART IX)

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

HAWAII COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Subdivisions			
Tow Jurisdictions			
Tsunami Evacuation Zones			
Tsunami Heights			
Waste Water Plants			
WSP Cell Sectors	6/30/2015		Per VZW CRS
		06/23/15	
	6/23/2015		Per ATT CRS
	6/19/2015		Per VZW CRS
		06/09/15	
	6/5/2015		Per ATT CRS
	6/4/2015		Per ATT CRS
	6/1/2015		Per VZW CRS
	6/1/2015		Per SPPCS CRS
WSP Cell Towers	6/30/2015		Per VZW CRS
		06/23/15	
	6/23/2015		Per ATT CRS
	6/19/2015		Per VZW CRS
		06/09/15	
	6/5/2015		Per ATT CRS
	6/4/2015		Per ATT CRS
			Per VZW CRS
	6/1/2015		Per SPPCS CRS

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GEOGRAPHIC INFORMATION SYSTEM (GIS) NARRATIVES

GIS KEY ACTIVITIES/UPDATES

GIS Key activities include the events such as GIS deliverables, meetings, agreements, etc.

Date	Key Activities/Updates
6/23/2015	MapFlex deliverable which included the following updated layers: Address Points, Cell Sectors, Cell Towers, Common Places and Street Centerlines.
6/9/2015	MapFlex deliverable which included the following updated layers: Address Points, Cell Sectors, Cell Towers, Common Places and Street Centerlines.

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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 that appear necessary for the dispatch and response of 911 personnel.

The Address Points and Street Centerlines layer comparative analysis was completed on the updates received from the Hawai'i County Planning Department on **June 24, 2015**. Results are as follows:

HAWAII COUNTY	Address Points Layer	Street Centerlines Layer
New Addresses Added	140	
Addresses Removed	0	
Address Street Name Changes	2	
Address Street Number Changes	2	
New Street Segments Added		1
Street Segments Removed		0
Street Segment Range Changes		1
Street Segment Name Changes		0

NOTE:

Some Address Points have multiple updates that are required, including Street Name and Street Number. These updates are counted as separate actions since the changes are required in order to make the GIS layers "9-1-1 capable" for CAD system recommendations affecting public safety dispatch and response operations.

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NEXT GENERATION 911 (NG9-1-1) GIS REQUIREMENTS

The transition of E9-1-1 to NG9-1-1 has caused a shift in the focus of the 9-1-1 GIS work. This new focus has centralized the GIS data model with more of an emphasis toward a higher degree of precision, while continuing its foundation on current, accurate, and standardized GIS data, only now to a higher level of exactness.

The NG9-1-1 GIS requirements have repositioned the focal point from generalizations and interpolation on Street Centerlines and civic addressing, to new and more focused requirements of point specific locations utilizing lat/longs, combined with civic addresses to determine a 9-1-1 caller's location from any communications device and from any location.

Akimeka has adapted the NG9-1-1 requirements into their correction processes and has continued working to improve accuracy, completeness, and quality of the GIS data. The redesigned correction process will also promote a higher level of detail, which helps facilitate data consistency and is an important element for interoperability and information sharing across the PSAPs.

During the month of June 2015, Akimeka has focused on correcting the following areas and has established a baseline moving into NG9-1-1:

NG9-1-1 GIS Data Corrections			
GIS Layer Name	Type of Correction	Number of Records Corrected/Modified/Added/Removed	Comments/Details
Address Points	New Address Points	189 Added	Throughout County in 19 Communities
	Spatial Correction	240 Corrected	Corrected location of Address Point, recalculated x/y; majority were located in Hilo, Pahoa and Keaau
	Address	2 Corrected	Addresses were in Kailua Kona and Kamuela
	Location Name	4 Corrected	Addresses were in Honokaa, Keauhou and Waikoloa
	Description	1 Corrected	Address was in Kailua Kona
Response Boundaries			
Street Centerlines	New Streets	10 Added	Streets were in Kamuela
	Spatial Correction	64 Corrected	Majority of streets were in Kamuela and Pahoa
	Range/Parity	4 Corrected	Streets were in Hilo, Honokaa and Keaau
	Split	1 Corrected	Street was in Keaau
	Deleted	8 Removed	Throughout County in 7 Communities
	Name	55 Corrected	Throughout County in 14 Communities
	Flipped	1 Corrected	Street was in Honokaa

NOTE:

Response Boundaries include any updates to ESNs, Police Beats, Fire Beats, etc. that pertain to dispatch and response.

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LAVA FLOW AND ALTERNATE ROUTES

In September 2014, Akimeka had created two (2) new layers detailing the lava flow nearing Pahoa, in an effort to provide the 911 centers on Hawaii a valuable resource in identifying current and proposed lava flows.

1. In light of the potential consequences to public safety from the current lava flow heading toward Pahoa, Akimeka created two new layers to support the PSAP, “Lava Flows” and “Alternate Routes Lower Puna” to be utilized by the PSAPs.
 - a. Akimeka created the layer “Lava Flows”, which details the up-to-date progress of the lava flow as well as the flow forecast just prior to the GIS deliverable.
 - b. Akimeka also created the layer “Alternate Routes Lower Puna”, which displays the alternate routes in Lower Puna in the event Hwy 130 becomes obstructed by the lava flow.
 - c. The two new layers were first uploaded into PowerMap on September 23rd 2014 and have been available to the dispatchers since that time.
 - d. During June 2015, Akimeka continued to monitor the activity of the lava flow and there was no reported activity to include into the GIS layers during that time.
 - e. Akimeka will continue to monitor the activity of the lava flow and will update the Lava Flows layer as necessary. Akimeka will also monitor the status of the Chain of Craters Road and will add it to the Alternate Routes Lower Puna layer if and when it is rebuilt and available as an alternate route.
 - f. Due to the vital importance involved in staying apprised of the lava flow progress heading toward Pahoa and the Pacific Ocean, Akimeka will deliver the Lava Flows and Alternate Routes Lower Puna layers into MapFlex more frequently than the regularly scheduled MapFlex deliverables if necessary.

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MAPFLEX DEPLOYMENT

During the month of June 2015, there were continued GIS deliverables into the MapFlex system for Hawaii County, Maui County, and Kauai County. For a chronology prior to June, please see the April and May 2015 Monthly Status Report. The MapFlex deployment has been primarily concluded, and is now considered a running system capable of receiving updates regularly.

1. Akimeka delivered GIS data to the MapFlex system on the following dates in June 2015
 - a. **Hawaii County** – June 9th and June 23rd
 - b. **Maui County** – June 10th and June 24th
 - c. **Kauai County** – June 11th and June 25th

POWERMAP

During the May 14, 2015, 9-1-1 Communications Technical and Finance Committee it was discussed that with the successful implementation of the MapFlex system, the uploads for the PowerMap system are scheduled to be phased out by the end of May 2015.

1. The phase out plan for uploads to PowerMap included the disconnection of the dedicated circuits from Akimeka's office in Kihei, Maui to Hawaii County, Maui County, and Kauai County on May 31, 2015.
 - a. This meant that Akimeka would no longer have a connection to the PowerMap at each Neighbor Island to perform uploads and that there will be no technical support of PowerMap. The phasing out of PowerMap was due to the system surpassing its expected lifecycle and it had remained in service for more than 8 years.
2. The phase out plan also included Akimeka's assistance in the removal of GIS data which contains proprietary information to the PSAPs that must be cared for and also includes IPR information from Akimeka.
 - a. Akimeka was on site to perform the data removal of PowerMap in **Maui County** on June 12, 2015. Six (6) PowerMap positions were cleaned during this process.
 - b. Akimeka was on site to perform the data removal of PowerMap in **Kauai County** on June 23, 2015. Six (6) PowerMap positions were cleaned during this process.
 - c. **Hawaii County** IT will be removing the PowerMap positions during the month of July 2015, so that Akimeka can assist in cleaning the positions.

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4. SERVICE REQUESTS TRANSACTIONS

OPEN SERVICE REQUESTS – JUNE 2015

#	Date	Ticket #	Description	Category	Urgency	Comments
1	08/19/14	716	Updated Address	MSAG	Normal	Submitted to Intrado for Correction. RN
2	03/09/15	779	Updated Address	MSAG	Normal	Submitted to Intrado for Correction. RN

Note* There are two (2) opened service requests pending for June 2015.

SERVICE REQUEST YEAR-TO-DATE (YTD) SUMMARY – 2015

HAWAII				SERVICE REQUEST CATEGORIES			
2015	TOTAL		Open	911 Map		MSAG	
	Created	Closed		Created	Closed	Created	Closed
2014 Carryover*			6				
January	6	10	2	0	0	6	10
February	7	7	2	0	0	7	7
March	14	12	4	0	0	14	12
April	4	5	3	0	0	4	5
May	0	0	3	0	0	0	0
June	7	8	2	0	0	7	8
July							
August							
September							
October							
November							
December							
TOTAL	38	42	3	0	0	38	42

NOTE:

- *The 2014 Carryover row indicated the number of Service Requests that were opened in 2014; however, were brought forward into 2015 in an effort to track the service request until completion.
- Detailed information on service tickets is available upon request.

Definitions:	Category	Description
	911 Map	Mapping computer not functioning or displaying properly
	MSAG	Discrepancies with 9-1-1 MSAG addresses

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5. E9-1-1 DATABASE SYNCHRONIZATION

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

Next Scheduled Database Synchronization Report – August 2015

AUDIT SUMMARY RESULTS – AUGUST 2015 - TBA

AUDIT SUMMARY RESULTS COMPARISON – AUGUST 2015 VS. MAY 1, 2015 - TBA

AUDIT SUMMARY RESULTS - TBA

INVALID MSAG STREETS AND ADDRESS RANGES – ESN X99 RECORDS - TBA

AUTOMATIC LOCATION IDENTIFICATION (ALI) DISCREPANCY REPORT - TBA

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AKIMEKA | HIGH PRIORITY. HIGH IMPACT.

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1. PSAP OPERATIONS

9-1-1 CALL VOLUME – JUNE 2015

(Source: Intrado Viper)

9-1-1 Call Volume																	
KAUAI PSAP		Wireline		Wireless				VOIP		Calls With No ALI		Admin Calls		Abandoned Calls		Other Calls	
2015	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other	% of Total Calls
JUNE	5,830	626	10.74%	3,813	65.40%	52.37%	47.63%	149	2.56%	26	0.45%	0	0.00%	1,216	20.86%	0	0.00%

9-1-1 CALL VOLUME – CALENDAR YEAR 2015

9-1-1 Call Volume																	
KAUAI PSAP		Wireline		Wireless				VOIP		Calls with No ALI		Admin Calls		Abandoned Calls		Other Calls	
2015	Total 9-1-1 Calls Processed	No. of Wireline Calls	% of Total Calls	No. of Wireless Calls	% of Total Calls	% of Wireless WPH1 Calls	% of Wireless WPH2 Calls	No. of VoIP Calls	% of Total Calls	No. of Calls with No ALI	% of Total Calls	No. of Admin Calls	% of Total Calls	No. of 9-1-1 Abandoned	% of Total Calls	Other	% of Total Calls
JAN	5,155	790	15.32%	3,349	64.97%	48.40%	51.60%	176	3.41%	21	0.41%	0	0.00%	819	15.89%	0	0.00%
FEB	4,738	706	14.90%	3,102	65.47%	50.06%	49.94%	129	2.72%	27	0.57%	0	0.00%	774	16.34%	0	0.00%
MAR	4,365	715	16.38%	2,823	64.67%	46.33%	53.67%	154	3.53%	15	0.34%	0	0.00%	658	15.07%	0	0.00%
APR	4,471	767	17.15%	2,846	63.65%	50.14%	49.86%	134	3.00%	16	0.36%	0	0.00%	708	15.84%	0	0.00%
MAY	4,024	599	14.89%	2,685	66.72%	50.73%	49.27%	107	2.66%	9	0.22%	0	0.00%	624	15.51%	0	0.00%
JUNE	5,830	626	10.74%	3,813	65.40%	52.37%	47.63%	149	2.56%	26	0.45%	0	0.00%	1,216	20.86%	0	0.00%
JULY																	
AUG																	
SEPT																	
OCT																	
NOV																	
DEC																	
YTD	28,583	4,203		18,618				849		114		0		4,799		0	
MON AVG	4,764	701	14.90%	3,103	65.15%	49.67%	50.33%	142	2.98%	19	0.39%	0	0.00%	800	16.58%	0	0.00%

PSAP OPERATION NOTES:

- Abandoned Calls represent the number of incoming 9-1-1 calls for which the caller had hung up before a call-taker answered. Dropped Calls are hang ups after transfers.
- Abandoned Calls are not included in the total Wireline and Wireless counts respectively.
- All VoIP (Voice over Internet Protocol) type of 911 calls is combined in the Call Volume statistic.
- *Calls with no Ali 0.45% - Statewide average = 1.24%

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FYI.....FOR YOUR INFORMATION

FYI For Your Information				
MSAG (Master Street Address Guide) Database Synchronized with GIS (Geographical Information Systems) Map Database				
Database Synchronization Update for 2015				
County	As of (Date)	Percentage %		
Kauai County	April 1, 2015	99.80%		
Oahu Civilian	April 1, 2015	99.70%		
Hawaii County	May 1, 2015	100.00%		
Maui County	June 1, 2015	100.00%		
Statewide Average	June 1, 2015	99.88%		
*Statewide average of the Database Synchronization between the MSAG and GIS Database = 99.88%				
NENA's recommended match rate for Next Generation implementation is 98% .				
* Statewide averages does <u>not</u> include the Military MSAG and GIS databases.				
Updating CAD and RMS geofiles with the GIS database will increase the accountability of the Agency's "Calls for Service" for statistical purposes.				

WIRELESS PSAP TESTING – JUNE 2015

KAUAI COUNTY - JUNE 2015						
Date	WSP	Sites Tested	Sectors Tested	Tested By:	Test Pass/Fail	Comments:
None						

NOTES:

- There was no scheduled Wireless 911 testing for the month of June 2105.

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2. MSAG (MASTER STREET ADDRESS GUIDE)

CURRENT MONTH – JUNE 2015

KAUAI COUNTY	9-1-1 NET REQUESTS						
	MSAG TRANSACTIONS						
2015	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected
JUNE	4	2	0	1	1	0	130

MSAG CURRENT MONTH NOTES:

A total of **112** MSAG transactions were processed in 9-1-1 Net during the month of June 2015. Four (4) requests were processed relating to the MSAG database and **(108)** requests relating to the ALI database (see ALI Transaction chart on next page). There were **130** customer ANI/ALI (telephone/address) records updated as a direct result.

KAUAI COUNTY	9-1-1 NET REQUESTS						
	MSAG TRANSACTIONS						
2015	Total	Change	Combined	Delete	Insert	Split	Customer Addresses Affected
JAN	9	7	0	1	1	0	116
FEB	88	77	2	1	2	6	1,064
MAR	3	0	0	3	0	0	35
APR	11	2	0	2	6	1	58
MAY	7	3	0	2	2	0	117
JUNE	4	2	0	1	1	0	130
JULY							
AUG							
SEPT							
OCT							
NOV							
DEC							
TOTAL YTD	122	91	2	10	12	7	1,520
AVG PER MONTH	20	15	0	2	2	1	253

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ALI TRANSACTIONS CURRENT MONTH – JUNE 2015

KAUAI COUNTY		9-1-1 NET REQUESTS					
		ALI TRANSACTIONS SUBMITTED			Open Discrepancy Records as of Report Month End		
2015	TOTAL	TN CR (A)	ALI-DR (B)	VoIP DR (C)	TN CR	ALI-DR	VoIP DR
JUNE	108	108	0	0	283	0	0

Definitions	
(A) Telephone Number Change Request - Represents address corrections on a specific TN or group of TNs. These "invalid" TNs usually have an associated ESN 499 attached to them which indicates the need for validation. (B) Automatic Location Information Discrepancy Record - Represents an address discrepancy discovered during a live 9-1-1 call, from a landline. These record corrections are treated with a higher priority and should be processed within 48 hours as a general guideline. (C) Voice over Internet Protocol Discrepancy Record - Represents an address discrepancy discovered during a live 9-1-1 call, from a VoIP phone. These record corrections are treated with a higher priority and should be processed within 72 hours as a general guideline per Time Warner Operations Center. MSR tracking effective April 2014.	

ALI TRANSACTIONS CURRENT MONTH NOTES:

108 Telephone Number Change Requests (TN CR) transactions were processed with MSAG valid addresses, as a result of the ESN 299 clean-up effort. There were no ALI Discrepancy Requests (ALI DR) processed in 9-1-1 Net.

OPEN DISCREPANCY RECORDS STATUS:

- **There are 283 Open TN CR Transactions as of June 30, 2015**
- **Refer to chart in the next section "TNCR Current Status"**

The Open TN CR transactions are a direct result of the ESN 499 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.

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There are no Open ALI-DRs as of June 30, 2015

There are no Open VoIP DRs as of June 30, 2015

ALI TRANSACTIONS YEAR-TO-DATE (YTD) SUMMARY – 2015

KAUAI COUNTY		9-1-1 NET REQUESTS					
		ALI TRANSACTIONS SUBMITTED			Open Discrepancy Records as of Report Month End		
2015	TOTAL	TN CR	ALI-DR	VoIP DR	TN CR	ALI-DR	VoIP DR
JAN	69	69	0	0	201	0	0
FEB	2	2	0	0	211	211	0
MAR	35	35	0	0	227	0	0
APR	28	28	0	0	220	0	0
MAY	60	60	0	0	277	0	0
JUNE	108	108	0	0	283	0	0
JULY							
AUG							
SEPT							
OCT							
NOV							
DEC							
TOTAL YTD	302	302	0	0			
AVG PER MONTH	50	50	0	0			

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TNCR (TELEPHONE NUMBER CHANGE REQUEST) CURRENT STATUS – JUNE, 2015

NOTE:

- 9-1-1 NET is a secure web-based application that provides access to request changes to the MSAG, ALI, TN, and ESN/ELT data supported and maintained by Intrado for the Telephone Company (TelCo).
- TNCRs are not requests to change Telephone Numbers (TNs); however, it is a corrective process within 9-1-1 NET to modify location information associated with an Automatic Location Identification (ALI) record to a valid MSAG address for 9-1-1 purposes.

PSAP 9-1-1 Telephone Number Location Change Request (Telephone Number Change Request (TNCR) Status)				
PSAP	TOTAL TNCR RECORDS SUBMITTED BY AKIMEKA	OPENED TNCRS PENDING FURTHER ACTION BY INTRADO	OPENED TNCRS REFERRED TO TELCO BY INTRADO	TOTAL UNOPENED TNCR RECORDS
KAUAI	283	38	53	192

STATUS
<u>TOTAL TNCRs SUBMITTED</u> - The total number of TNCR requests for modification that have been submitted in 9-1-1 NET.
<u>PENDING STATUS</u> - TNCRs assigned this status are requests which have been reviewed by the 9-1-1 Database Service Provider Data Analyst, and are pending investigation whether the request is valid or invalid, and/or whether the request requires additional information to validate.
<u>REFERRED STATUS</u> - TNCRs assigned this status are requests which have been reviewed by the 9-1-1 Database Service Provider Data Analyst, and the request requires additional information to validate. The Intrado Data Analysts assigns this status to a TNCR and the request is referred to the telephone service providers for further research.
<u>TOTAL UNOPENED TNCR RECORDS STATUS</u> - The request is submitted by Akimeka on behalf the PSAP; however, processing by the 9-1-1 Database Service Provider Data Analyst has not begun.

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3. GEOGRAPHIC INFORMATION SYSTEM (GIS) – JUNE 2015

MAPPING LAYERS UPDATED (PART I)

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

KAUAI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Address Points	6/29/2015		Added ninety-nine (99) address points in Princeville.
	6/29/2015		Corrected address to nineteen (19) address points in Princeville.
	6/29/2015		Spatially corrected eighteen (18) address points in Princeville.
		06/25/15	
		06/11/15	
	6/10/2015		Added two (2) address point (4941 Maalo Rd K and 4943 Maalo Rd Z) in Hanamaulu.
	6/10/2015		Corrected location name to one (1) address point (401250 Kuhio Hwy) in Kapaa.
	6/10/2015		Added eleven (11) address points in Kapaa.
	6/10/2015		Corrected address to one (1) address point (2774 Kapena St) in Lihue.
	6/10/2015		Corrected location name to one (1) address point (3070 Waapa Rd) in Niumalu.
	6/10/2015		Spatially corrected five (5) address points in Niumalu.
	6/9/2015		Spatially corrected eleven (11) address points in Lihue.
	6/3/2015		Spatially corrected eight (8) address points in Kapaa.
	6/3/2015		Corrected address to one (1) address point (3920 Wyllie Rd 1) in Princeville.
	6/3/2015		Added twenty-five (25) address points in Princeville.
	6/1/2015		Spatially corrected six (6) address points in Kapaa.
Airports			
Bridges			
Building Footprints			
Bus Stops			
Churches			
Coastal Names			

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MAPPING LAYERS UPDATED (PART II)

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

KAUAI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Coastline			
Common Places			
Correctional Facilities			
Emergency Callboxes			
Emergency Operation Centers			
Emergency Shelters			
ESZ/ESN	6/30/2015		Corrected boundaries to twelve (12) ESNs.
	6/26/2015		Corrected boundaries to eight (8) ESNs.
		06/25/15	
	6/18/2015		Corrected boundaries to eight (8) ESNs.
	6/15/2015		Corrected boundaries to eight (8) ESNs.
		06/11/15	
	6/11/2015		Corrected boundaries to six (6) ESNs (409, 410, 412, 413, 449 and 450).
	6/10/2015		Corrected boundaries to four (4) ESNs (414, 416, 451 and 452).
	6/5/2015		Corrected boundary to nine (9) ESNs.
	6/3/2015		Corrected boundary to five (5) ESNs.
6/1/2015		Corrected boundary to two (2) ESNs (410 and 411).	
Fire Beats			
	6/30/2015		Corrected boundaries to four (4) Fire Beats (4, 5, 6 and 7).
	6/26/2015		Corrected boundaries to four (4) Fire Beats (2,3,4, and 5).
		06/25/15	
		06/11/15	
	6/11/2015		Corrected boundaries to two (2) Fire Beats (2 and 8).
	6/5/2015		Corrected boundary to three (3) fire beats (2, 3 and 8).

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MAPPING LAYERS UPDATED (PART III)

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

KAUAI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Fire Districts			
Fire Response Areas	6/5/2015		Corrected boundary to two (2) fire response areas (21 and 30).
	6/3/2015		Corrected boundary to two (2) Fire Response Areas (20 and 80).
Fire Stations			
Food & Beverage			
Gas Stations			
Gate Codes			
Government Buildings			
Harbors			
Helipads			
Hiking Trails			
Hospitals			
Hydrants			

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MAPPING LAYERS UPDATED (PART IV)

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

KAUAI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Hyrdology Layers: Dams Ponds Streams Waterfalls			
Incident Response Areas			
Lodging			
Major Roads			
Medic Beats			
	6/30/2015		Corrected boundaries to two (2) Medic Beats (20 and 24).
		06/25/15	
	6/15/2015		Corrected boundaries to three (3) Medic Beats (21, 22 and 23).
Medic Districts		06/11/15	
Medic Response Areas			
Medic Stations			
Medical Facilities			
Milepost Markers			

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MAPPING LAYERS UPDATED (PART V)

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

KAUAI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
MSAG Communities			
	6/30/2015		Corrected boundaries to ten (10) MSAG Communities.
	6/26/2015		Corrected boundaries to three (3) MSAG Communities (Kalaheo, Koloa and Kukuiula).
		06/25/15	
	6/18/2015		Corrected boundaries to six (6) MSAG Communities.
	6/15/2015		Corrected boundaries to seven (7) MSAG Communities.
		06/11/15	
	6/5/2015		Corrected boundary to six (6) MSAG Communities.
	6/1/2015		Corrected boundary to two (2) MSAG Communities (Anahola and Kealia).
Net Junctions			
Ocean Rescue Boundaries			
Ocean Safety			
Parcels			
Parks			
Parks Polygon			
Points of Interest		06/25/15	
		06/11/15	
	6/1/2015		Deleted one (1) point of interest (Air Guard Armory) in Kekaha.
	6/1/2015		Corrected address to three (3) points of interest (Kalawai Park, Kato Gym and Kukuiolono Park and Golf Course) in Kalaheo.
	6/1/2015		Spatially corrected three (3) points of interest (Kalawai Park, Kato Gym and Kukuiolono Park and Golf Course) in Kalaheo.
	6/1/2015		Spatially corrected seven (7) points of interest in Kapaa.

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MAPPING LAYERS UPDATED (PART VI)

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

KAUAI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Points of Interest	6/1/2015		Spatially corrected one (1) point of interest (Medic 21) in Kapaia.
	6/1/2015		Spatially corrected three (3) points of interest (Kaumakani Post Office, Kaumakani Village and Thrifty Mart) in Kaumakani.
	6/1/2015		Spatially corrected seven (7) points of interest in Kekaha.
	6/1/2015		Corrected address to two (2) points of interest (HP Faye Park and Kekaha Neighborhood Center) in Kekaha.
Police Beats	6/30/2015		Corrected boundaries to three (3) Police Beats (250, 350 and 356).
	6/26/2015		Corrected boundaries to three (3) Police Beats (150, 156 and 350).
		06/25/15	
	6/18/2015		Corrected boundaries to two (2) Police Beats (150 and 156).
		06/11/15	
	6/10/2015		Corrected boundaries to two (2) Police Beats (453 and 456).
	6/5/2015		Corrected boundary to six (6) police beats.
Police Districts			
Police Response Areas			
	6/5/2015		Corrected boundary to three (3) Police Response Areas (7, 15 and 17).
Police Stations			
Post Offices			
Schools			
Street Centerlines	6/29/2015		Corrected street name to eight (8) street segments in Kokee.
	6/29/2015		Corrected street name to twenty-one (21) street segments in Mana.
	6/29/2015		Corrected street name to ten (10) street segments in Poipu.
	6/29/2015		Corrected street name to thirty-one (31) street segments in Waimea.
		06/25/15	
	6/18/2015		Corrected name to five (5) street segments in Kapaa.

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MAPPING LAYERS UPDATED (PART VII)

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

KAUAI COUNTY			
Type of Layer	Akimeka GIS Server	Date GIS Delivered	Other/Remarks
	Date Created/ Edits Performed		
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)			
Street Centerlines		06/11/15	
	6/5/2015		Corrected Police Right to four (4) street segments (Hanalei Plantation Rd and Kuhio Hwy) in Princeville.
Subdivisions			
Tow Jurisdictions			
Tsunami Evacuation Zones			
Tsunami Heights			
Waste Water Plants			
WSP Cell Sectors		06/25/15	
	6/22/2015		Per VZW CRS
		06/11/15	
	6/1/2015		Per VZW CRS
WSP Cell Towers		06/25/15	
	6/22/2015		Per VZW CRS
		06/11/15	
	6/1/2015		Per VZW CRS

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.

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GEOGRAPHIC INFORMATION SYSTEM (GIS) NARRATIVES

GIS KEY ACTIVITIES/UPDATES

GIS Key activities include the events such as GIS deliverables, meetings, agreements, etc.

Date	Key Activities/Updates
6/25/2015	Address Points, Street Centerlines, Geofile for Street Centerlines, Points of Interest, Geofile for Points of Interest, WSP Cell Sectors, WSP Cell Towers, ESN, MSAG Communities, Medic Beats, Fire Beats and Police Beats to GeoComm.
6/25/2015	MapFlex deliverable which included the following updated layers: Address Points, Cell Sectors, Cell Towers, Common Places, Street Centerlines, ESN, MSAG Communities, Fire Response Areas, Medic Response Areas and Police Response Areas.
6/11/2015	Address Points, Street Centerlines, Geofile for Street Centerlines, Points of Interest, Geofile for Points of Interest, WSP Cell Sectors, WSP Cell Towers, ESN, MSAG Communities, Fire Beats and Police Beats to GeoComm.
6/11/2015	MapFlex deliverable which included the following updated layers: Address Points, Cell Sectors, Cell Towers, Common Places, Street Centerlines, ESN, MSAG Communities, Fire Response Areas and Police Response Areas.

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GPS DATA COLLECTION AND SITE VERIFICATION

During the month of June 2015, Akimeka deployed one of their GIS Analysts to Kauai to collect and verify data that could only be acquired and verified while on location.

1. During June 2015, Akimeka initiated a data collection and verification plan, in order to verify and acquire data that could only be conducted through on-site visits.
 - a. Akimeka's GIS Analyst was on Kauai for two full days; on June 22nd and June 23rd to collect missing addresses, verify specific address locations, collect new street centerline segments and verify specific street centerline segments with high-tech GPS equipment.
 - b. During this process, Akimeka collected 245 total addresses throughout Kauai, verified that numerous addresses, collected four street centerline segments, verified several other street centerlines
 - c. During the month of July 2015, the data that was collected and verified on June 22nd and June 23rd will be incorporated into the GIS data and delivered into MapFlex and made available to the dispatchers and was also delivered to the FTP site to be used in the GeoComm system.

MAPFLEX DEPLOYMENT:

During the month of June 2015, there were continued GIS deliverables into the MapFlex system for Hawaii County, Maui County, and Kauai County. For a chronology prior to June, please see the April and May 2015 Monthly Status Report. The MapFlex deployment has been primarily concluded, and is now considered a running system capable of receiving updates regularly.

1. Akimeka delivered GIS data to the MapFlex system on the following dates in June 2015
 - a. **Hawaii County** – June 9th and June 23rd
 - b. **Maui County** – June 10th and June 24th
 - c. **Kauai County** – June 11th and June 25th

Kauai County E9-1-1 Status Report

June 1, 2015 - June 30, 2015

POWERMAP

During the May 14, 2015, 9-1-1 Communications Technical and Finance Committee it was discussed that with the successful implementation of the MapFlex system, the uploads for the PowerMap system are scheduled to be phased out by the end of May 2015.

1. The phase out plan for uploads to PowerMap included the disconnection of the dedicated circuits from Akimeka's office in Kihei, Maui to Hawaii County, Maui County, and Kauai County on May 31, 2015.
 - a. This meant that Akimeka would no longer have a connection to the PowerMap at each Neighbor Island to perform uploads and that there will be no technical support of PowerMap. The phasing out of PowerMap was due to the system surpassing its expected lifecycle and it had remained in service for more than 8 years.
2. The phase out plan also included Akimeka's assistance in the removal of GIS data which contains proprietary information to the PSAPs that must be cared for and also includes IPR information from Akimeka.
 - a. Akimeka was on site to perform the data removal of PowerMap in **Maui County** on June 12, 2015. Six (6) PowerMap positions were cleaned during this process.
 - b. Akimeka was on site to perform the data removal of PowerMap in **Kauai County** on June 23, 2015. Six (6) PowerMap positions were cleaned during this process.
 - c. **Hawaii County** IT will be removing the PowerMap positions during the month of July 2015, so that Akimeka can assist in cleaning the positions.

Kauai County E9-1-1 Status Report

June 1, 2015 - June 30, 2015

4. SERVICE REQUESTS TRANSACTIONS

OPEN SERVICE REQUESTS – JUNE 2015

#	Date	Ticket #	Description	Category	Urgency	Comments
			None			

NOTE:

There are no open service requests for June 2015.

SERVICE REQUEST YEAR-TO-DATE (YTD) SUMMARY – 2015

KAUAI				SERVICE REQUEST CATEGORIES			
2015	TOTAL		Open	911 Map		MSAG	
	Created	Closed		Created	Closed	Created	Closed
2014 Carryover*			0				
January	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0
July							
August							
September							
October							
November							
December							
TOTAL	0	0	0	0	0	0	0

NOTE:

- *The 2014 Carryover row indicated the number of Service Requests that remained opened in 2014.
- Detailed information on service tickets is available upon request.

Definitions:	Category	Description
	911 Map	Mapping computer not functioning or displaying properly.
	MSAG	Discrepancies with 9-1-1 MSAG addresses

Kauai County E9-1-1 Status Report

June 1, 2015 - June 30, 2015

5. E9-1-1 DATABASE SYNCHRONIZATION

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

Next Scheduled Data Synchronization Report – July 2015

AUDIT SUMMARY RESULTS – 2015 -- TBA

AUDIT SUMMARY RESULTS – APRIL 1, 2015 MSAG VS. JULY 1, 2015 MSAG -- TBA

INVALID MSAG STREETS AND ADDRESS RANGES – ESN X99 RECORDS -- TBA

AUTOMATIC LOCATION IDENTIFICATION (ALI) DISCREPANCY REPORT -- TBA