

# Oahu Civilian E9-1-1

## Status Report

*March 1, 2025 – March 31, 2025*



## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

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## 1. PSAP OPERATIONS

### 9-1-1 CALL VOLUME CIVILIAN PSAPS – MARCH 2025

Source: Intrado Viper system

9-1-1 Primary PSAP Call Volume																	
Honolulu City & County PSAPs		Wireline		Wireless				VOIP		Calls With No ALI		Admin Calls		Abandoned Calls		Other Calls	
2025	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
March	81,065	10,636	13.12%	66,919	82.55%	16.67%	65.88%	3,024	3.73%	486	0.60%	1,572	1.94%	12,909	15.92%	1,349	1.66%

### 9-1-1 CALL VOLUME CIVILIAN PSAPS – CALENDAR YEAR 2025

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	
2025	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	82,495	11,153	13.52%	68,009	82.44%	12.65%	69.79%	2,937	3.56%	396	0.48%	1,740	2.11%	12,515	15.17%	1,559	1.89%
FEB	74,657	10,026	13.43%	61,622	82.54%	12.70%	69.84%	2,635	3.53%	373	0.50%	1,440	1.93%	10,765	14.42%	1,390	1.86%
MAR	81,065	10,636	13.12%	66,919	82.55%	16.67%	65.88%	3,024	3.73%	486	0.60%	1,572	1.94%	12,909	15.92%	1,349	1.66%
APR																	
MAY																	
JUNE																	
JULY																	
AUG																	
SEPT																	
OCT																	
NOV																	
DEC																	
YTD	238,217	31,815		196,550				8,596		1,255		4,752		36,189		4,298	
MON AVG	79,406	10,605	13.36%	65,517	82.51%	14.01%	68.50%	2,865	3.61%	418	0.53%	1,584	1.99%	12,063	15.17%	1,433	1.80%

#### NOTE:

- 911 Calls with No ALI for March 2025 = 0.50% - Statewide average for 2024 = 0.42%
- 911 Calls with “no value” for March 2025 = 2,137 (see report on page 7)
- Total call volumes do 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.

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### 9-1-1 CALL VOLUME BY AGENCY – MARCH 2025

2025	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
March	66,991	82.64%	16,942	35,740	1,400	12,909	3,246	4.00%	104	57

2025	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
March	9,446	11.65%	36	180	33	0.04%	32	0

### 9-1-1 CALL VOLUME BY AGENCY – CALENDAR YEAR 2025

2025	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	67,216	81.48%	16,761	36,428	1,512	12,515	3,840	4.65%	108	61	9,825	11.91%	71	264	55	0.07%	49	0
FEB	61,183	81.95%	15,453	33,690	1,275	10,765	2,950	3.95%	85	25	9,091	12.18%	40	204	43	0.06%	40	0
MAR	66,991	82.64%	16,942	35,740	1,400	12,909	3,246	4.00%	104	57	9,446	11.65%	36	180	33	0.04%	32	0
APR																		
MAY																		
JUNE																		
JULY																		
AUG																		
SEPT																		
OCT																		
NOV																		
DEC																		
YTD	195,390		49,156	105,858	4,187	36,189	10,036		297	143	28,362		147	648	131		121	0
MON AVG	65,130	82.02%	16,385	35,286	1,396	12,063	3,345	4.20%	99	48	9,454	11.91%	49	216	44	0.06%	40	0

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## 911 Calls with “no value”

During a meeting with representatives from HawaiianTel, Intrado, V2X, and PSAP representatives on March 27, 2025, it was determined that a classification of “no value” 911 calls may be the root cause of the reduction of 911 call volumes throughout the State of Hawaii PSAPs. These “no value” 911 calls lack information or data that determines the “Class of Service” of a 911 call. For example, a Landline, Wireless or VoIP call. The ANI (automatic number identification) may not contain a 10-digit number or other ALI data to properly determine the Class of Service. A definition from the Viper user’s guide may also be a factor to consider:

### “No Value” in reports:

When a trunk associated to a trunk group is not configured in Power 9-1-1, the trunk will be represented by “No Value” in a report.

The instructions below was followed and the results are included below:

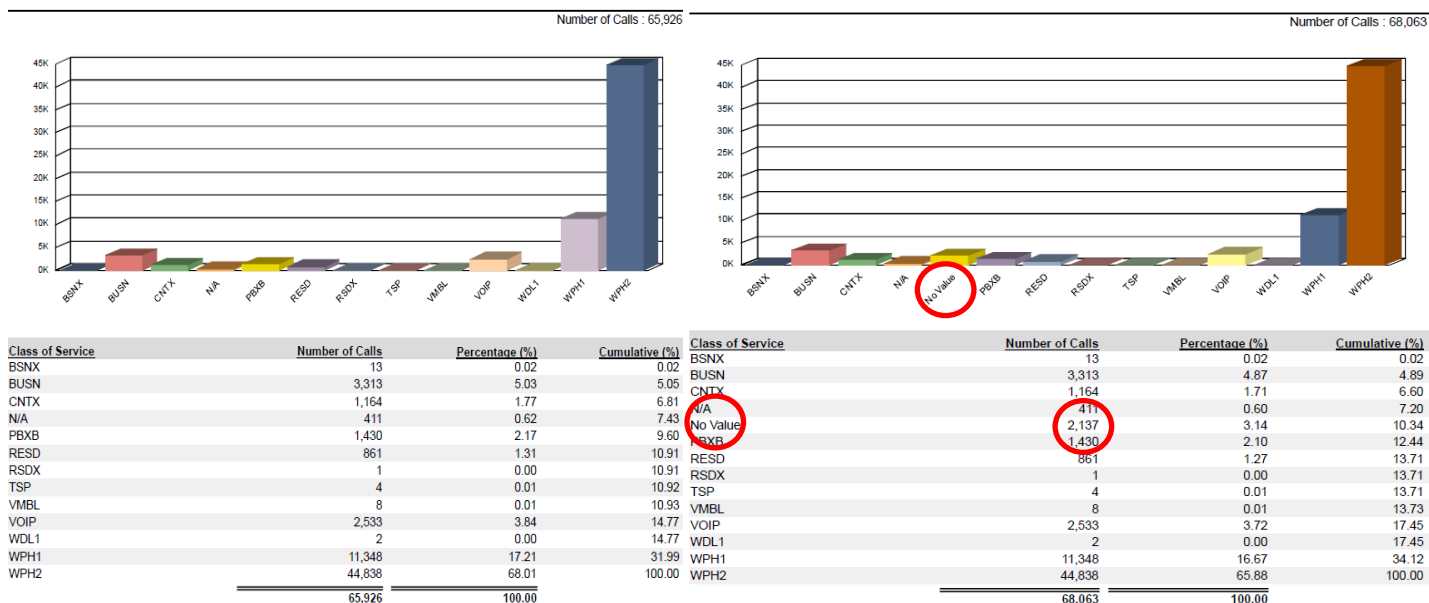
### For PSAPs that have MIS\_Power911\_5.x data:

Calls identified with “No Value” will not appear in this report unless you specifically filter for “No Value”.

- No Value appears in the Others filter subcategory:

Routine 911 Call Volume report

911 Call Volume report with “no value”



The “no value” calls for the Honolulu Police PSAP increased the 911 call volume by 2,137 for March.

All other Class of Service calls remained consistent.

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### PSAP OPERATION NOTES:

- **A New Class of Service (COS): FIXD** = Wireless 911 calls to the PSAP via fixed indoor antennas.
- x (911) calls with the COS of FIXD were added to the Wireless Phase I (WPH 1) percentage total.
- **A New Class of Service (COS): WDL1/WDL2** = Wireless 911 calls to the PSAP via fixed indoor antennas with a general location i.e., pool area (WDL1) or a specific area i.e., room 101 (WDL2).
- x (911) calls with the COS of WDL1, or WDL2 were added to the Wireless Phase I or Phase II percentage total.

### FOR YOUR INFORMATION

FYI.....For Your Information										
PSAP Operations										
Statewide 911 Call Volumes										
PSAP	2024		2023		2022		2021		2020	
Oahu Civilian	974,278	73.07%	988,670	68.33%	971,113	69.45%	1,052,026	68.91%	991,016	71.11%
RDC Pearl Harbor	25,072	1.88%	36,916	2.55%	31,827	2.28%	39,253	2.58%	37,014	2.66%
Hawaii County	182,298	13.67%	207,715	14.35%	199,811	14.29%	214,220	14.00%	188,329	13.51%
Maui County	111,385	8.35%	152,397	10.54%	140,524	10.05%	160,241	10.51%	125,626	9.01%
Kauai County	40,310	3.03%	61,197	4.23%	54,923	3.93%	60,986	4.00%	51,653	3.71%
Total	1,333,343	100.00%	1,446,895	100.00%	1,398,198	100.00%	1,526,726	100.00%	1,393,638	100.00%

911 Call Volume % decrease from 2023 to 2024	
Oahu	-1.46%
RDC	-32.08%
Hawaii	-12.24%
Maui	-26.91%
Kauai	-34.13%
State of Hawaii	-21.36%

911 Calls with No ALI % average for 2024	
Oahu	0.99%
RDC	0.01%
Hawaii	0.15%
Maui	0.19%
Kauai	0.74%
State of Hawaii average	0.42%

State of Hawaii 2024	
TEXT TO 911	
Oahu Civilian	3,146
RDC Pearl Harbor	39
Hawaii County	1,186
Maui County	408
Kauai County	276
*Total	5,055
*Totals may include PSAP training, testing, and 911 Texting errors	



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### TEXT TO 911 OAHU CIVILIAN PSAPS – CURRENT MONTH – MARCH 2025

TEXT TO 911 Oahu Civilian PSAPs 2025						
Month	Total	HPD	HFD	EMS	OS	911 (handled)
January	336	224	3	6	0	103
February	582	275	5	6	0	296
March	379	180	3	5	0	191
April						
May						
June						
July						
August						
September						
October						
November						
December						
YTD	1,297	679	11	17	0	590
Monthly Avg.	432.3	226.3	3.7	5.7	0.0	196.7

#### NOTE:

- Although there is a “Text to 911” plot on the MapFlex, the location of the plot is not dependable. Text to 911 Dispatchers should use their skills to ascertain the exact location of the emergency response.
- The 9-1-1 handled texts were incidents in which the Division conducted testing or the texter texted 911 in error.

### 911 WIRELESS OAHU CIVILIAN PSAP TESTING – MARCH 2025

OAHU CIVILIAN - MARCH 2025						
Date	WSP	Sites Tested	Sectors Tested	Tested By:	Test Pass/Fail	Comments:

#### NOTES:

- There were no (0) scheduled Wireless 911 Tests for the Oahu Civilian PSAP in March 2025.

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### 2. MSAG (MASTER STREET ADDRESS GUIDE)

#### OAHU CIVILIAN MSAG TRANSACTIONS CURRENT MONTH/YEAR – MARCH 2025

OAHU CIVILIAN	9-1-1 TRANSACTIONS								
	Total	MSAG	ALI Submitted			Open ALI Discrepancy Records			Customer Addresses Affected
2025		MSAG (A)	TN CR (B)	ALI DR (C)	VoIP (D)	TNCR	ALI DR	VoIP DR	
JANUARY	366	8	358	0	0	3,756	0	0	78
FEBRUARY	327	1	326	0	0	3,718	0	0	0
MARCH	359	2	356	0	1	3,652	0	0	0
APRIL									
MAY									
JUNE									
JULY									
AUGUST									
SEPTEMBER									
OCTOBER									
NOVEMBER									
DECEMBER									
TOTAL YTD	1,052	11	1,040	0	1				78
AVG PER MONTH	351	4	347	0	0				26

#### Definitions

- (A) **Master Street Address Guide** - Represents corrections made to street records including, street names, address ranges, MSAG Communities and ESNs.
- (B) **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.
- (C) **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.
- (D) **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.

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### OAHU CIVILIAN MSAG CURRENT MONTH NOTES:

A total of **359** MSAG transactions were processed in 9-1-1 Net during the current reporting month. Two (2) request was processed relating to the MSAG database which include: changes to high – low street ranges, combining street records, deletion of invalid records, splitting street records to align with Police, Fire, EMS and Military response areas, and inserting new MSAG records.

There were **no** customers ANI/ALI (telephone/address) records updated as a direct result.

### OAHU CIVILIAN TELEPHONE RECORD (ALI) TRANSACTIONS CURRENT MONTH NOTES:

V2X processed three hundred and forty-one (**341**) TN CRs related to the Dispatchable Location Project during the current month.

One (1) VoIP DR was submitted as the result of 9-1-1 call. One call was made from a VoIP urgent care phone in Kapolei

### OAHU CIVILIAN OPEN TELEPHONE RECORD (ALI) DISCREPANCY STATUS:

- **There are currently 3,652 Open TN CRs.**

**3,652** Open TN CR transactions are a result of the Dispatchable Location project. V2X 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-DRs as of March 31, 2025**
- **There is no Open VoIP DRs as of March 31, 2025**

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### TNCR (TELEPHONE NUMBER CHANGE REQUEST) CURRENT STATUS – MARCH 2025

#### 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 V2X	OPENED TNCRS PENDING FURTHER ACTION BY INTRADO	OPENED TNCRS REFERRED TO TELCO BY INTRADO	TOTAL UNOPENED TNCR RECORDS
OAHU CIVILIAN	3,652	36	3,616	0

STATUS
<b><u>TOTAL TNCRs SUBMITTED</u></b> - The total number of TNCR requests for modification that have been submitted in 9-1-1
<b><u>PENDING STATUS</u></b> - 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.
<b><u>REFERRED STATUS</u></b> - 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.
<b><u>TOTAL UNOPENED TNCR RECORDS STATUS</u></b> - The request is submitted by V2X on behalf the PSAP; however, processing by the 9-1-1 Database Service Provider Data Analyst has not begun.

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### DISPATCHABLE LOCATION – STATUS AS OF – MARCH 2025

#### NARRATIVE:

During the August 2015 State of Hawaii 911 Board meeting, V2X provided a “State of Hawaii PSAPs Proposed ALI Compliancy with FCC 15-9” presentation. Based on the 9-1-1 Board’s confirmation to add the “Dispatchable Location” information into the ALI database, V2X researched the format standards of each pertinent field and tested the delivery of the data to the PSAP. After a few configuration adjustments (eliminating the TelCo comments field from appearing on the ALI Screen), V2X standardized an additional information data format to proceed with this project.

The “Dispatchable Location” data is entered into the “Driving Directions” field in the 9-1-1 Net system and will display on the Viper Power 911 ALI Screen in the “Exact” field should a 911 call be received from that telephone number. The Windward Mall will be the pilot location starting in May 2018. There were 287 transactions submitted and 341 processed in March 2025. (see next pages)

Dispatchable Location			
2025	Common Name Place MSAG Address	TNCR*	Transactions
Quarter 1		Transactions Submitted	Processed**
2024 carryover		39,546	24,746
March	Anuenue Elementary School, 2528 10th Ave, Kaimuki	112	112
	Palolo Chinese Home, 2459 10th Ave, Kaimuki	17	17
	Palolo Garden Apts, 2140 10th Ave, Kaimuki	11	11
	Palolo Elementary School, 2106 10th Ave, Kaimuki	25	25
	Tamura's Kaimuki, 1216 10th Ave, Kaimuki	5	5
	Sisters of Sacred Hearts, 1120 5th Ave, Kaimuki	0	4
	Aliiolani Elementary School, 1240 7th Ave, Kaimuki	18	18
	Hawaii Self Storage, 2909 Waialae Ave, Kaimuki	0	17
	Public Storage, 2888 Waialae Ave, Kaimuki	0	4
	Waikiki Health Center, 3020 Waialae Ave, Kaimuki	0	25

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DISPATCHABLE LOCATION – STATUS AS OF – MARCH 2025 - CONTINUED

Dispatchable Location			
2025	Common Name Place MSAG Address	TNCR*	Transactions
Quarter 1		Transactions Submitted	Processed**
2024 carryover		39,546	24,746
March	Kaimuki Shopping Center, 3221 Waiālae Ave, Kaimuki	9	9
	Kokua Care Bldg, 3184 Waiālae Ave, Kaimuki	4	4
	Saint Louis School, 3142 Waiālae Ave, Kaimuki	57	57
	Chaminade University, 3140 Waiālae Ave, Kaimuki	22	22
	Kanewai Community Park, 2695 Dole St, Kaimuki	0	4
	DMV Kaimuki, 1112 Kapahulu Ave, Kaimuki	7	7
Q1		953	994
Total		40,499	25,740

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### SPECTRUM (CHARTER) 9-1-1 VOIP DATABASE VERIFICATION PROJECT – MARCH 2025

V2X received the Automatic Location Identification (ALI) records from Spectrum (formally known as Charter Communications) which is the predominant Voice over Internet Protocol (VoIP) provider in the State of Hawaii. As V2X has access to these ALI Records, V2X is researching and verifying the VoIP records against an MSAG valid address and the GIS data. This research is a validation of the ALI Record to ensure that the location as provided by the VoIP provider matches the GIS Information utilized by the Public Safety Agencies within their specific County 9-1-1 Service Area. This validation reduces the potential of address or location dispute during a 9-1-1 call.

The analysis of the database records indicates that there are invalid MSAG addresses utilized by the VoIP Provider. These records are being identified and will be sent back to Spectrum for corrective action.

<b>*Spectrum (Charter)</b> <b>9-1-1 VoIP Database Verification Project</b>					
PSAP	TOTAL RECORDS SUBMITTED BY SPECTRUM (A)	TOTAL RECORDS MATCHING & VERIFIED WITH 911 DATABASES (B)	TOTAL RECORDS NOT MATCHING	NON MATCHING RECORDS CORRECTED BY V2X FORMERLY AKIMEKA (C)	PERCENT COMPLETED
HAWAII County	22,044	21,638 (98%)	406	406	100.00%
KAUAI County	8,936	8,695 (97%)	241	241	100.00%
MAUI County	18,256	17,517 (96%)	739	739	100.00%
OAHU Civilian	87,414	85,329 (98%)	2,085	2,085	100.00%
OAHU Military	3,663	710 (19%)	2,953	2,953	100.00%
<b>TOTAL</b>	<b>140,313</b>	<b>**133,889</b>	<b>6,424</b>	<b>6,424</b>	<b>100.00%</b>

\* Spectrum VoIP Database received on June 21st, 2017

\*\* V2X provided VoIP Records with Latitude/Longitude coordinates

(A)	VoIP Database records submitted by Spectrum to V2X for research and MSAG address validation.
(B)	V2X has researched and verified the VoIP record against an MSAG valid address and GIS data. V2X is tracking corrections needed to be performed by Spectrum. Addressing data will be updated or added in the GIS if the VoIP record is determined to be valid.
(C)	Verification Process Completed.

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### BANDWIDTH 9-1-1 VOIP DATABASE VERIFICATION PROJECT – MARCH 2025

V2X received the Automatic Location Identification (ALI) records from Bandwidth which is a Voice over Internet Protocol (VoIP) provider in the State of Hawaii. As V2X has access to these ALI Records, V2X researched and verified the VoIP records against an MSAG valid address and the GIS data. This research is a validation of the ALI Record to ensure that the location as provided by the VoIP provider matches the GIS Information utilized by the Public Safety Agencies within their specific County 9-1-1 Service Area. This validation reduces the potential of address or location dispute during a 9-1-1 call.

The analysis of the database records indicates that there were invalid MSAG addresses utilized by the VoIP Provider. These records were identified and sent back to Bandwidth for corrective action.

V2X will update the chart below as we receive updated ALI records from Bandwidth.

<b>*Bandwidth</b> <b>9-1-1 VoIP Database Verification Project *** (Updated)</b>					
PSAP	TOTAL RECORDS SUBMITTED BY BANDWIDTH (A)	TOTAL NO MATCHING RECORDS IDENTIFIED BY V2X (FORMERLY AKIMEKA)	BANDWIDTH FALLOUT RECORDS (B)	NON MATCHING RECORDS CORRECTED BY V2X (FORMERLY AKIMEKA) (C)	PERCENT COMPLETED
HAWAII County	2,126	97	16	106	93.81%
KAUAI County	555	75	3	73	93.59%
MAUI County	1,794	60	14	69	93.24%
OAHU Civilian	12,898	1,556	44	1,590	99.38%
OAHU Military	173	156	11	163	97.60%
<b>TOTAL</b>	<b>17,546</b>	<b>1,944</b>	<b>88</b>	<b>2,001</b>	<b>95.52%</b>

\*Bandwidth VoIP Database received on April 5th, 2018

\*\*Updated Bandwidth VoIP Database received on September 6th, 2018

\*\*\* Updated Bandwidth VoIP Database received on October 1st, 2021

(A)	VoIP Database records submitted by Bandwidth to V2X for research and MSAG address validation.
(B)	VoIP records identified by Bandwidth as fallout records. These records contain invalid MSAG addressing information which can include house number, street name/suffix, or MSAG community.
(C)	Verification Process Completed.



## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

### 3. GEOGRAPHIC INFORMATION SYSTEM (GIS) – MARCH 2025

#### MAPPING LAYERS UPDATED (PART I)

*9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 systems and NG9-1-1 systems.*

OAHU CIVILIAN PSAPS		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Address Points	3/21/2025 To 3/31/2025	Next Delivery 4/4/2025
		Added new address point for one (1) record in Nuuanu
		Corrected house number for one (1) record in Sunset
		Corrected spatial for one (1) record in Mokuleia
		Added new address point for two hundred and seven (207) records in Kailua
		Added new address point for one (1) record in Hauula
		Corrected location name, spatial for one (1) record in Kaimuki
		Added new address point for one (1) record in Sunset
		Corrected house number for one (1) record in Kailua
		Added new address point for forty-five (45) records in Kaimuki
		Added new address point for one (1) record in Wahiawa
		Corrected routing ID for forty-seven (47) records in Ewa Beach
		Corrected house number for one (1) record in Kalihi
		Corrected house number for one (1) record in Makaha
		Corrected spatial, location name for one (1) record in McCully
		Added new address point for one (1) record in Waikiki
		Corrected house number for one (1) record in Mokuleia
		Added new address point for three (3) records in Kaneohe
		Added new address point for twenty-six (26) records in McCully
		Added new address point for two (2) records in Mokuleia
		Added location name for one (1) record in Honolulu
		Corrected spatial for five (5) records in Kahala
		Added location name, location type for one (1) record in Waipahu
		Corrected house number for one (1) record in Kahuku

# Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

## MAPPING LAYERS UPDATED (PART II)

*9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 systems and NG9-1-1 systems.*

OAHU CIVILIAN PSAPS		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Address Points	3/21/2025 To 3/31/2025	Corrected spatial for one (1) record in Waipahu
		Added new address point for six (6) records in Kahala
		Added location name, location type, corrected spatial for one (1) record in Kaimuki
		Added new address point for one (1) record in Moanalua V
		Added building, corrected spatial for one (1) record in Kaimuki
		Added new address point for one (1) record in Pearl City
		Corrected house number for one (1) record in Ewa Beach
		Corrected spatial, location name for one (1) record in Kailua
	3/7/2025 To 3/20/2025	Delivered 3/21/2025
		Added new address point for one (1) record in Waianae
		Corrected house number for one (1) record in Sunset
		Corrected house number, street name, street type, routing ID for one (1) record in Hawaii Kai
		Added location name for one (1) record in Kaneohe
		Added location name for one (1) record in Waimanalo
		Corrected house number, street name, street type for one (1) record in Mililani
		Added location name for one (1) record in Waipahu
		Corrected house number for two (2) records in Maili
		Corrected house number, street name, street type for one (1) record in Hawaii Kai
		Added building, added apartment, corrected spatial for one (1) record in Kaneohe
		Corrected house number for one (1) record in Kahala

## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

### MAPPING LAYERS UPDATED (PART III)

*9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 systems and NG9-1-1 systems.*

OAHU CIVILIAN PSAPS		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Address Points	3/7/2025 To 3/20/2025	Added new address point for one (1) record in Kapahulu
		Corrected house number for one (1) record in Kaneohe
		Added new address point for one (1) record in Waimanalo
		Corrected spatial for thirty-three (33) records in Kaneohe
		Corrected location name, added building for seventy-five (75) records in Kaneohe
		Corrected spatial, added location type, building, apartment for one (1) record in Aiea
		Added building for five (5) records in Hawaii Kai
		Corrected house number for one (1) record in Haleiwa
		Added new address point for two (2) records in Waipahu
		Corrected house number for one (1) record in Makaha
		Corrected house number, added apartment for one (1) record in Sunset
		Corrected spatial, added location name, added location type for two (2) records in Ewa Beach
		Corrected apartment, corrected house number for four (4) records in Kailua
		Added new address point for one hundred and fifty-eight (158) records in Kaneohe
		Corrected spatial, added location name, location type, building, apartment for one (1) record in Aiea
		Added new address point for one (1) record in Moanalua V
		Added new address point for seventy-two (72) records in Ewa Beach
		Added new address point for one (1) record in Aina Haina

## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

### MAPPING LAYERS UPDATED (PART IV)

*9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 systems and NG9-1-1 systems.*

OAHU CIVILIAN PSAPS		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Address Points	3/7/2025 To 3/20/2025	Added location name, added location type, corrected spatial for two (2) records in Ewa Beach
		Added building, corrected location name for one hundred and seventy-one (171) records in Kaneohe
		Added location name, location type for one (1) record in Waipahu
		Added new address point for one (1) record in Makiki
		Added new address point for one (1) record in Kailua
		Added new address point for five (5) records in Pearl City
		Corrected house numbrer for one (1) record in Kaimuki
		Added new address point for twelve (12) records in Aiea
		Added apartment for one (1) record in Kailua
		Added location name, added location type, corrected spatial, TMK for one (1) record in Ewa Beach
	3/1/2025 To 3/6/2025	Delivered 3/7/2025
		Corrected spatial for one (1) record in Waikiki
		Added new address point for one hundred and eleven (111) records in Kaneohe
		Added new address point for twenty-six (26) records in Makiki
		Corrected spatial for one (1) record in Kaneohe
		Corrected location name, added building for forty-eight (48) records in Waianae
		Corrected routing ID for five (5) records in Kaneohe
		Corrected location name, added building for four (4) records in Mililani
		Corrected location name, added building for four (4) records in Ewa Beach

## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

### MAPPING LAYERS UPDATED (PART V)

*9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 systems and NG9-1-1 systems.*

OAHU CIVILIAN PSAPS		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Address Points	3/1/2025 To 3/6/2025	Corrected location name, routing ID, added building for one (1) record in McCully
		Added new address point for eight (8) records in McCully
		Added location type for two (2) records in Makiki
		Corrected spatial for one (1) record in McCully
		Added new address point for sixty-three (63) records in Waikiki
		Corrected spatial, added location name, added location type for one (1) record in Waikiki
		Corrected location name, added building for two (2) records in McCully
Airports		
AMR Response Areas		
Bridges		
Building Footprints		
Bus Stops		
Churches		
Coastal Names		
Coastline		
Common Places		
Correctional Facilities		
Emergency Callboxes		
Emergency Operation Centers		
Emergency Shelters		
ESZ/ESN		
Fire Beats		

## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

### MAPPING LAYERS UPDATED (PART VI)

*9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 systems and NG9-1-1 systems.*

OAHU CIVILIAN PSAPS		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Fire Districts		
Fire Response Areas		
Fire Stations		
Food & Beverage		
Gas Stations		
Gate Codes		
Government Buildings		
Harbors		
Helipads		
Hiking Trails		
Hospitals		
Hydrants		
Hyrdology Layers		
Incident Response Areas		
Lodging		
Major Roads		
Medic Beats		
Medic Districts		
Medic Response Areas		
Medic Stations		
Medical Facilities		
Milepost Markers		
Military Response Areas		
MSAG Communities		
Net Junctions		

## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

### MAPPING LAYERS UPDATED (PART VII)

*9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 systems and NG9-1-1 systems.*

OAHU CIVILIAN PSAPS		
Type of Layer	V2X GIS Server	Other/Remarks
	Date Created/ Edits Performed	
CRITICAL 9-1-1 PUBLIC SAFETY LAYERS FOR DISPATCH & RESPONSE (Listed Alphabetically)		
Ocean Rescue Boundaries		
Ocean Safety		
Parcels		
Parks		
Parks Polygon		
Points of Interest	3/21/2025 To 3/31/2025	Next Delivery 4/4/2025
		Corrected spatial for five (5) records in Haleiwa
		Corrected spatial for one (1) record in Waialua
Police Beats		
Police Districts		
Police Response Areas		
Police Stations		
Post Offices		
Schools		
Street Centerlines	3/21/2025 To 3/31/2025	Next Delivery 4/4/2025
		Removed MSAG no 1 for one (1) record in Haleiwa
		Removed MSAG no 1 for four (4) records in Kaneohe
		Removed MSAG no 1 for thirty-two (32) records in Ewa Beach
		Removed MSAG no 1 for one (1) record in Hawaii Kai
		Removed MSAG no 1 for two (2) records in Sunset
		Removed MSAG no 1 for seven (7) records in Aina Haina
		Removed MSAG no 1 for two (2) records in Airport
		Added ingress for five (5) records in Ewa Beach
		Removed MSAG no 1 for one (1) record in Kalihi
		Split segment, corrected range for two (2) records in Ewa Beach

## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

### MAPPING LAYERS UPDATED (PART VIII)

*9-1-1 GIS layers provided by V2X to the PSAP are designed for use on E9-1-1 systems and NG9-1-1 systems.*

OAHU CIVILIAN PSAPS		
Type of Layer	V2X GIS Server	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	3/21/2025 To 3/31/2025	Next Delivery 4/4/2025
		Updated one (1) sector per AT&T CRS
		Added five (5) sectors per AT&T CRS
		Added twenty-seven (27) sectors per Verizon Wireless CRS
		Updated eighteen (18) sectors per Verizon Wireless CRS
	3/7/2025 To 3/20/2025	Delivered 3/21/2025
		Added seven (7) sectors per Verizon Wireless CRS
		Added fourteen (14) sectors per AT&T CRS
		Added two (2) sectors per T-Mobile CRS
		Updated forty-one (41) sectors per Verizon Wireless CRS
3/1/2025 To 3/6/2025	Delivered 3/7/2025	
	Added twenty-two (22) sectors per AT&T CRS	
WSP Cell Towers		



## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

### 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
3/7/2025	Delivered data update for Central Square including Streets, Police Beats, and Address Points (with and without the apartment records).
3/7/2025	Delivered Street Centerlines, Address Points, Fire Response Areas, Medic Response Areas, and Display Address Points to HFD, EMS, and Ocean Safety for TriTech CAD.
3/7/2025	Delivered Address Points, Common Places, Street Centerlines, Police Response Areas, Fire Response Areas, Medic Response Areas, Ocean Safety Response Areas, ESN, MSAG Communities, Cell Towers, Cell Sectors to the Honolulu MapFlex system for HPD, HFD, EMS, and Ocean Safety.
3/21/2025	Delivered data update for Central Square including Streets, Police Beats, and Address Points (with and without the apartment records).
3/21/2025	Delivered Street Centerlines, Address Points, Fire Response Areas, Medic Response Areas, and Display Address Points to HFD, EMS, and Ocean Safety for TriTech CAD.
3/21/2025	Delivered Address Points, Common Places, Street Centerlines, Police Response Areas, Fire Response Areas, Medic Response Areas, Ocean Safety Response Areas, ESN, MSAG Communities, Cell Towers, Cell Sectors to the Honolulu MapFlex system for HPD, HFD, EMS, and Ocean Safety.
3/25/2025	Delivered the MSAG Community layer for Oahu to the Hawaii Department of Transportation.
3/30/2025	Throughout the month, delivered alternative versions of fire response areas to HFD for testing engine selection near response area boundaries.

#### GIS FOR 911

As part of ensuring GIS data compatibility with 911 CAD systems, V2X removed certain spatial characteristics of street centerlines known as “true curves”. True, or geometric, curves are sometimes used in the street centerline layer to depict a road that curves in a circular (or semi-circular) fashion, like a round-about or a cul-de-sac. These features can cause processing issues in CAD and GIS software and therefore were replaced with a series of points that depict the same geometry without the use of a geometric, or true curve.

## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

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### HONOLULU POLICE DEPARTMENT TRITECH CAD PROJECT

On October 10, 2018, V2X participated along with the CAD project team of the Honolulu Police Department on a teleconference GIS kickoff meeting with the TriTech CAD Company. Items that were discussed were GIS requirements for the CAD and RMS systems.

On October 25, 2018, V2X's initial delivery of 11 GIS layers to the TriTech FTP site included: Address Points, Airports, Coastline, Fire Response Areas, Medic Response Areas, MSAG Communities, Parks, Police Beats, State Boundary, Streams, and Street Centerlines.

Two spreadsheets describing the layers were also provided on the FTP site.

During the month of July 2022, the Honolulu Police Department (HPD) requested an updated map of the Police Sectors and Police Beats for District 8. The updates for District 8 have been loaded into the CAD as of July 22, 2022.

1. District 8 now consists of 4 sectors. Sector 3 was divided in two to create a new Sector 4.
  - Sector 1 includes Beats 850, 852, 854, 856.
  - Sector 2 includes Beats 857, 858, 860, 861, 863.
  - Sector 3 includes Beats 865, 867, 870, 871, 872.
  - Sector 4 includes Beats 874, 875, 876, 877, 878, 879.
2. The boundaries for the following beats were updated:
  - Beats 850 and 852 was updated to follow the south boundary of Makaha Valley Country Club instead of Noholio Rd and Makaha Valley Rd. Beat 852 takes care of everything north of Noholio Rd up to the south boundary of Makaha Valley Country Club.
  - Beats 857 and 858 was updated to follow Saint Johns Road down to Farrington Highway and to the shoreline of Maili Beach Park instead of following Mailiili Stream. Beat 857 takes care of everything west of Saint Johns Road and Beat 858 takes care of everything east of Saint Johns Road.
  - Beats 861 and 863 was updated to follow Nanakuli Avenue south to Farrington Highway then along the west fence line of Nanakuli Beach Park. Beat 861 takes care of everything west of Nanakuli Ave and Beat 863 takes care of everything east of Nanakuli Ave.
  - Beat 863 was updated to take care of Waimanalo Gulch. Everything east of Waimanalo Gulch up to Palailai Gulch has been assigned to Beat 865.
  - Ka Makana Alii mall in Kapolei has been assigned to Beat 871 instead of Beat 872.
  - Honouliuli Water Treatment has been assigned to Beat 874 instead of Beat 871.
  - Beats 872 and 879 has been updated to follow Kualakai Parkway as their division boundary instead of cutting through the newly developed area that continues to be developed.
  - Beat 874 has been updated to follow Kualakai Parkway instead of the western fence line along the Ewa Villages Golf Course.
  - Beats 877 and 878 has been updated to follow the NAVMAG West Loch fence line instead of cutting through the agriculture area near Iroquois Road.

## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

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### MAPFLEX/SCC SYSTEM

March 2025

V2X delivered GIS data to the MapFlex/SCC system on the following dates in March 2025.

**Hawaii County** – March 4, 2025, and March 18, 2025

**Maui County** – March 5, 2025, and March 19, 2025

**Kauai County** – March 6, 2025, and March 20, 2025

**Honolulu** – March 7, 2025, and March 21, 2025

### MAPFLEX ISSUES

The MapFlex issues are archived in the 2021 Monthly Status Report. Should the existing issues be addressed, this report will be reopened and tracked.

### SPEED LIMIT UPDATES

Beginning in April 2017, and now that the Street Centerline data has achieved not only an above 98% synchronization rating but also a high degree of accuracy in the spatial accuracy, a new project to correct speed limits has begun. The project is beginning in Waimanalo and continuing in a counterclockwise pattern around the island of Oahu. The initial focus is on Highways, Freeways, and other major roads, but also not limited to additional corrections, especially those which are immediately identified to positively impact vehicle routing, etc.

All updates are shared directly with the PSAPs and the agency most affected (positively) is HFD since they actively use vehicle routing, and this will assist in better CAD unit recommendations. During each GIS deliverable, a list of updates is being provided.

1. No updates received in March 2025.

### ROUTING ID UPDATES

Beginning in July 2019, all Address Points and Points of Interests will be assigned a Routing ID to ensure that routing to these addresses are correct. The project is beginning in Waimanalo and continuing in a counterclockwise pattern around the island of Oahu.

All updates are shared directly with the PSAPs and the agency most affected (positively) is HFD since they actively use vehicle routing, and this will assist in better CAD unit recommendations. During each GIS deliverable, a list of updates is being provided.

1. During the month of October 2024, there were no Routing IDs added. As of May 2024, the Routing ID updates has been completed for all address points and points of interest. Any new address points and points of interest will be assigned a Routing ID.

## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

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### HONOLULU EMS RESPONSE AREA

During the month of December 2017, EMS requested a high-resolution map of the Honolulu Response Area which will be divided into 5 separate response areas to better support the EMS operations and ambulance response times.

1. With HPD's approval, V2X prepared a map of the requested area and provided to EMS on December 12, 2017.
2. Considering the additional response areas will certainly require the creation of additional ESZ/ESNs; HPD, EMS, and V2X will be coordinating so that the project can be mapped out on a timeline so that the changes can take place while maintaining an above 99% synchronization level between GIS, MSAG, and ALI.
3. An operational consideration has already begun a discussion, in that the military ESNs will be reallocated to a new numbering so that both civilian and military responses will have enough ESNs to support their individual operations.
4. During the first half of 2018, there will be further discussion on the creation of the new Response Areas, allocation of military ESNs, and creation of new ESZs/ESNs.
5. During the month of October 2019, EMS requested an updated map of the Honolulu Medic Response Area which was divided based on drive time analysis. There are now 21 (twenty-one) Medic Response Areas in Oahu.
6. During the month of August 2021, EMS requested an updated map of the Honolulu Medic District and Honolulu Medic Response Area which were extended out from the coastline. A Medic District was also added. There are now three (3) Medic Districts.
7. During the month of January 2022, there was a quarterly update to the Honolulu Medic Response Area.
8. During the month of May 2022, there was a quarterly update to the Honolulu Medic Response Area.
9. During the month of November 2022, there was a quarterly update to the Honolulu Medic Response Area.
10. During the month of May 2023, there was a quarterly update to the Honolulu Medic Response Area.
11. During the month of August 2023, there was a quarterly update to the Honolulu Medic Response Area.
12. During the month of January 2024, EMS requested an additional EMS District (District 4). The new boundaries include EMS Station Response Areas Kahuku, Waialua, Wahiawa, Waipio, and Aiea. There are now four (4) Medic Districts

## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

### 4. SERVICE REQUESTS TRANSACTIONS

#### OPEN SERVICE REQUESTS - MARCH 2025

#	Date	Description	Category	Comments
		None		

#### NOTE:

There are no (0) open service requests for March 2025.

#### SERVICE REQUEST YEAR-TO-DATE (YTD) SUMMARY – 2025

Oahu PSAPs				MSAG SERVICE REQUEST CATEGORIES					
2025	TOTAL		Open	WIRELINE		WIRELESS		VoIP	
	Created	Closed		Created	Closed	Created	Closed	Created	Closed
2024 Carryover*			1						
January	5	5	1	0	0	0	0	6	5
February	0	0	0	0	0	0	0	0	1
March	17	17	0	0	0	0	0	17	17
April									
May									
June									
July									
August									
September									
October									
November									
December									
<b>TOTAL</b>	<b>22</b>	<b>22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>23</b>
<u>Note:</u>	* The 2024 Carryover row indicates the number of Service Requests that were opened in 2024; however, were brought forward into 2025 in an effort to track the service request until completion.								

<b>Definitions:</b>	Category	Description
	Wireline	Telephone Number (ALI) Discrepancies from land line phones that have been submitted to Intrado via 9-1-1 Net for correction.
	Wireless	Telephone Number (ALI) Discrepancies from phones that were land lines at one time, and were ported out to a wireless carrier. However, the phone number was never removed from the MSAG database.
	VoIP	Received 911 (ALI) Discrepancies from VoIP providers and returned with a valid MSAG address for 911.

## Oahu Civilian E9-1-1 Status Report

March 1, 2025 - March 31, 2025

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### 5. E9-1-1 OAHU CIVILIAN 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 – April 2025

TWO-WAY (2-WAY) COMPARISON

THREE-WAY (3-WAY) COMPARISON

INVALID MSAG STREETS AND ADDRESS RANGES – ESN 199 MSAG & ALI RECORDS  
PROJECT COMPLETED