



STATE OF HAWAII

**WIRELESS ENHANCED 911 BOARD
Joint Technical & Finance Committee Meeting**

January 7, 2010
10:00 a.m.

Department of Accounting and General Services
Comptroller's Conference Room 410
Kalanimoku Building
1151 Punchbowl Street
Honolulu, Hawaii 96813

AGENDA

- I. Call to order.
- II. Introductions
- III. Review and Approval of Minutes from December 10, 2009 Joint Technical & Finance Committee Meeting.
- IV. Monthly Financial Report
 - a. Disbursements from the Wireless Enhanced 911 Fund
- V. Discussion, Consideration and Action Items.
 - a. Change in bank signature authority for Russell Lundberg as Finance Committee Chair and Glenn Roach as Executive Director
 - b. Establishment of electronic funds transfer for wireless 9-1-1 fees
 - c. Execution of the FY2010 spending plan
 - d. Authorization for the Executive Director to draft a 5 year strategic plan
 - i. Board and PSAP technical, operational and financial assessment
 - e. Update on PSAP forum.
 - f. Authorization to send the Executive Director to the NENA Technical Development Conference in Nashville, TN – February 7-10, 2010
- VI. Announcements.
- VII. Next meeting date and location – TBD due to state furlough dates
- VIII. Adjournment.

State of Hawaii
Wireless Enhanced 911 Board
Joint Technical & Finance Committee

SUBJECT: Minutes of December 10, 2009 - Draft

Members in Attendance for Technical Committee: Victor Ramos, Goldie Cross, Cedric Apaka, Eric Knutzen, and Clement Chan.

Members in Attendance for Finance Committee: Paul Ferreira, Cedric Apaka, Eric Knutzen, and Courtney Tagupa.

Staff in Attendance: Ben Goodloe (Intrado, Inc.), Mark Begley (Kauai Police Department), Kenison Tejada (Honolulu Fire Department), Bernice Bishop-Kanoa (U.S. Government Navy), Michael Cieslak (Navy Region Hawaii), Kevin Kuwahara (Hawaiian Telcom), Diana Chun (City & County EMS), Jayne Nantkes (Akimeka, LLC), Scott Yagihara (Kauai Police Department), and Justel Ungos (Recorder).

1. The meeting was called to order at 10:03 a.m.
2. Discussion Items
 - a. Approve Independent CPA Audit Report for FYs 2008 & 2009. Mr. Knutzen made a motion to approve 1st letter, which was seconded by Ms. Cross, and carried unanimously. Mr. Tagupa presented (2) letters from the CPA.
 - i. Mr. Tagupa presented the significant audit findings in the first letter which stated that no such misstatements were identified during the audit and no disagreements arose during the course of the audit. Mr. Knutzen made a motion to receive and approve the first letter, which was seconded by Ms. Cross, and carried unanimously.
 - ii. Mr. Tagupa presented the second letter which presented the actual findings of the audit report and stated the cash receipts and disbursements of the Wireless Enhanced 911 Board, State of Hawaii for the period from July 1, 2007 to June 30, 2009. Mr. Tagupa stated that an audit is required every 2 years and that a transitional audit will need to take place as the new Executive Director contract comes on board. Mr. Ferreira made a motion to receive and approve the 2nd letter, which was seconded by Ms. Cross, and carried unanimously.
 - b. Approve Intrados' request to exercise Option Year 2 of their contract. Both committees will review the following information prior to approval:
 - i. Accomplishments for the past year(s).
 - ii. Goals and objectives for the option year.
 - iii. Cost analysis for the option year.
 1. Mr. Tagupa stated that the Technical Committee approved Intrados' request at the last meeting. Mr. Goodloe presented the estimated cost projections for Option Year 2, that amounted to \$131,000 for approval by the Finance Committee. Mr. Ferreira

made a motion to bring Intradados' request to the full Board for approval after clarification of any procurement issues related to the possible change of scope to the Statement of Work . The motion was seconded by Mr. Knutzen, and carried unanimously.

- c. Review & Approve Board Spending Plan to include:
 - i. Finalize FY 2010 spending plan.
 - ii. Status on increase to Appropriation Ceiling for FY2011.
 - 1. Mr. Tagupa stated that (2) requests were made; one for the appropriation ceiling increase for FY2011 and; the other for the emergency appropriation request for FY2010. Mr. Tagupa requested a supplemental increase for FY2011 since both requests could not be submitted. Mr. Tagupa recommended that the committee focus only on the committed and Board approved items even though the total amounted to over the \$9 million ceiling. Mr. Tagupa stated that he can decrease the amounts over the \$9 million ceiling given that the committee defers the \$585,000 overage until the beginning of next fiscal year.
 - 2. Mr. Knutzen made a motion for the Finance Committee to have the accounting department give authority and responsibility to assure the Board to not breach the \$9 million cap for FY2010. Mr. Ferreira recommended to amend the motion to add Mr. Tagupa's request is to focus on the committed and approved items by the Board, only. The motion was seconded by Mr. Ferreira, and carried unanimously.
- d. Approve reimbursement for costs associated with representatives meeting to discuss Next Generation technology and current impacts on PSAPs with Telematics, VRS/IP Replay, etc. Mr. Ferreira stated that the estimated reimbursement costs will be around \$2,000. Mr. Ramos made a motion to approve the estimated reimbursement cost of \$2,000, which was seconded by Mr. Ferreira, and carried unanimously.
- e. Review and approve RFP on Kauai's Integrated CAD replacement. Mr. Knutzen stated that Kauai released the RFP on the Integrated CAD replacement.
 - i. Mr. Knutzen stated two items that were important to present to the Technical & Finance Committees.
 - ii. Mr. Knutzen stated instead of demanding performance bonding, Kauai has decided to weigh heavily on the audited and financial statements, vendor qualifications, and references. Support of the maintenance, training and financial capacity is included in the vendor qualifications. Also, Mr. Knutzen stated that Kauai agreed to have a 10% prepayment level that will be carried by the County of Kauai and will submit reimbursement after the 30-60 day time period.
 - iii. Mr. Ferreira stated that it was the responsibility of Kauai County and their procurement office to approve the RFP and not the Committees and Board. Mr. Ferreira made a motion to accept and reaffirm the Board's commitment to the CAD system upgrade for Kauai, which was seconded by Ms. Cross, and carried unanimously.

- f. Update on PSAP forum. Mr. Tejada stated that the PSAP forum will be a 2-day educational forum that will brief the PSAPs, lawmakers, and policy makers on new and emerging technologies. Mr. Tejada stated that the Legislative Committee would like to formally recognize Senator Inouye at the Forum for his support of the New and Emerging Technologies Act of 2008 as well as his leadership in public safety in Hawaii and the nation.
 - i. Mr. Goodloe recommended to attract vendor support and suggested for a vendor registration fee which can fund neighbor island travel & expenses.
 - g. Finance Committee recommendation Mr. Russell Lundberg for Finance Chair. Mr. Ferreira recommended that the Board approve Mr. Lundberg's nomination as the new Finance Chair.
 - h. Approve the following nominees to the Technical Committee.
 - i. Chief Kenison Tejada, Honolulu Fire Department
 - ii. Lt. Aimee Awana, Kauai Police Department
 - iii. Capt. Scott Yagihara, Kauai Police Department
 - iv. Major Marie McCauley, Honolulu Police Department
 - 1. Mr. Ferreira made a motion to recommend to the Board into the Technical Committee the following (4) individuals.
 - 2. Mr. Chan nominated Ms. Bernice Bishop-Kanoa of U.S. Government – Navy, to the Technical Committee.
 - 3. Mr. Ramos made a motion to amend the agenda to reflect the new addition to the voting part of the committee, which was seconded by Mr. Ferreira, and carried unanimously.
 - 4. Mr. Ramos made a motion to recommend the (5) names to the Board for decision by the Chair or Board members to accept as voting members of the Technical Committee. The motion was seconded by Ms. Cross, and carried unanimously.
3. Announcements.
- a. Mr. Ferreira recommended for the Executive Director to send out a directory of individuals on each committee (i.e. Technical, Finance, Investigative, etc).
4. Next meeting date and location – Thursday, January 7, 2010
5. The meeting was adjourned at 11:30 p.m.

HAWAII WIRELESS ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending 31 December 09

FIRST HAWAIIAN BANK ACCOUNTS:

General Fund ITEM	Beginning Balance	Net Change	Ending Balance
Cash Inflow:			
Wireless Surcharge Collection	\$ 38,513,465.23	\$ 267,370.99	\$ 38,780,836.22
Interest Income	\$ 1,810,467.15	\$ 397.61	\$ 1,810,864.76
<i>Prior Period Interest Income Adjustment</i>	\$ (257,236.01)		\$ (257,236.01)
Net Interest Income	\$ 1,553,231.14	\$ 397.61	\$ 1,553,628.75
Subtotal Cash Inflow	\$ 40,066,696.37	\$ 267,768.60	\$ 40,334,464.97
Cash Outflow:			
Act 79 Fund Transfer to State	\$ (16,000,000.00)		\$ (16,000,000.00)
PSAP Reimbursement	\$ (9,717,984.94)	\$ (249,530.30)	\$ (9,967,515.24)
Board Member Travel Expense	\$ (53,562.80)	\$ (3,532.89)	\$ (57,095.69)
DB&F Revenue Assessments	\$ (1,905,856.26)	\$ (88,869.88)	\$ (1,994,726.14)
DB&F Administrative Expense Assessments	\$ (225,674.26)	\$ (57,230.52)	\$ (282,904.78)
WSP Reimbursement	\$ (580,450.54)		\$ (580,450.54)
Consultant-Intrado, Inc.	\$ (413,577.86)		\$ (413,577.86)
Consultant-Akimeka	\$ (1,274,208.23)	\$ (24,254.13)	\$ (1,298,462.36)
Audit Expense	\$ (21,932.50)	\$ (2,612.50)	\$ (24,545.00)
Board Strategic Planning Expenses	\$ (1,689.85)		\$ (1,689.85)
Unused PSAP Grant Fund Expenditures			\$ -
Subtotal Cash Outflow	\$ (30,194,937.24)	\$ (426,030.22)	\$ (30,620,967.46)
Totals	\$ 9,871,759.13	\$ (158,261.62)	\$ 9,713,497.51

Grant Fund ITEM	Beginning Balance	Net Change	Ending Balance
Cash Inflow:			
PSAP Readiness Fund	\$ 1,250,000.00		\$ 1,250,000.00
Cash Outflow:			
PSAP Reimbursement	\$ (916,469.19)		\$ (916,469.19)
Consulting Expense (Intrado)	\$ (131,500.00)		\$ (131,500.00)
Maui Reception Expense	\$ (2,073.64)		\$ (2,073.64)
Maui PSAP Deployment	\$ (199,957.17)		\$ (199,957.17)
Subtotal Cash Outflow	\$ (1,250,000.00)	\$ -	\$ (1,250,000.00)
Totals	\$ -	\$ -	\$ -

HAWAII WIRELESS ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending 31 December 09

RECEIPTS & DISBURSEMENTS						
MONTH OF DECEMBER 2009						
DESCRIPTION	Kauai PSAP	Maui PSAP	Oahu PSAP	Operations	TOTAL	
RECEIPTS:						
Interest Inc	-	-	-	398	398	
Total Wireless Surcharge Collection	-	-	-	267,371	267,371	
Total Receipts	-	-	-	267,769	267,769	
Expense						
Audit Expense	-	-	-	2,613	2,613	
Board Member Travel	-	-	-	3,533	3,533	
Consulting Expense						
Akimeka, LLC	-	-	-	24,254	24,254	
Total Consulting Expense	-	-	-	24,254	24,254	
DB&F Assessments						
DB&F Admin. Exp. Assess	-	-	-	57,231	57,231	
DB&F Revenue Assessment	-	-	-	88,870	88,870	
Total DB&F Assessments	-	-	-	146,100	146,100	
PSAP Expenses						
Akimeka Program Mgmt	96,615	65,667	-	-	162,281	
Conferences						
APCO Conference	1,812	-	9,757	-	11,569	
Telematics VRS/IP Meeting	-	300	-	-	300	
Total Conferences	1,812	300	9,757	-	11,870	
Hawaiian Telcom Charges						
Hawaiian Telcom Trunk	38,247	37,133	-	-	75,379	
Total Hawaiian Telcom Charges	38,247	37,133	-	-	75,379	
Total PSAP Expenses	136,674	103,100	9,757	-	249,530	
Total Expense	136,674	103,100	9,757	176,500	426,030	

**HAWAII WIRELESS ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending 31 December 09**

BUDGET VS ACTUALS	Hawaii PSAP		Kauai PSAP		Maui PSAP		Oahu PSAP		Operations		TOTAL	
	1Jul09 - 31 Dec 09 Actuals	Over/ (Under) Budget	1Jul09 - 31 Dec 09 Actuals	Over/ (Under) Budget	1Jul09 - 31 Dec 09 Actuals	Over/ (Under) Budget	1Jul09 - 31 Dec 09 Actuals	Over/ (Under) Budget	1Jul09 - 31 Dec 09 Actuals	Over/ (Under) Budget	1Jul09 - 31 Dec 09 Actuals	Over/ (Under) Budget
FY2010-To-DATE RECEIPTS & DISBURSEMENTS												
For 6 months ending 31 December 2009												
Receipts:												
Interest Inc	-		-		-		-		5,523	5,947	5,523	(424)
Wireless Surcharge Collect	-		-		-		-		4,254,095	4,419,120	4,254,095	(165,025)
Total Receipts	-		-		-		-		4,259,618	4,425,067	4,259,618	(165,449)
Disbursements:												
Audit Expense	-		-		-		-		8,883	8,900	8,883	(18)
Board Member Travel	-		-		-		-		8,071	26,700	8,071	(18,629)
Consulting Expense	-		-		-		-		290,856	586,304	290,856	(295,448)
DB&F Assessments	-		-		-		-		289,164	670,822	289,164	(381,658)
PSAP Expenses	444,282	2,035,540	324,562	2,204,493	328,236	962,765	1,193,506	2,327,476	-	-	2,290,566	7,530,274
WSP Cost Recovery	-		-		-		-		84,104	177,000	84,104	(92,896)
Total Disbursements	444,282	2,035,540	324,562	2,204,493	328,236	962,765	1,193,506	2,327,476	681,077	1,469,726	2,971,663	(6,028,337)
Net Receipts(Disbursements)											1,287,955	
%Budget Expended		21.8%		14.7%		34.1%		51.3%		46.3%		33.0%

HAWAII WIRELESS ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending 31 December 09

FY 2010 BUDGET VS ACTUALS
For 6 months ending 31 December 2010

DESCRIPTION	Hawaii PSAP		
	1Jul09 - 31Dec09 Actuals	Budget	Over/(Under)
DISBURSEMENTS:			
PSAP Expenses			
Akimeka Program Mgmt	105,450.21	389,006.00	(283,555.79)
CAD Related Expenses			
Integrgraph CAD upgrade	142,666.40	327,130.00	(184,463.60)
Motorola CAD Port @ Kapolei	-		
CAD Related Expenses - Other	-	39,343.00	(39,343.00)
Total CAD Related Expenses	142,666.40	366,473.00	(223,806.60)
Conferences			
APCO Conference	14,519.68	14,520.00	(0.32)
Navigator 2009	-		
Nena Conference	10,636.89	10,636.00	0.89
Telematics VRS/IP Meeting	-		
Total Conferences	25,156.57	25,156.00	0.57
Hawaiian Telcom Charges			
Haw Tel T1 Charges	-	35,190.00	(35,190.00)
Hawaiian Telcom Trunk	120,680.64	280,979.00	(160,298.36)
HawT Chgs for C&C, Hickam, HPD	-	31,621.00	(31,621.00)
Total Hawaiian Telcom Charges	120,680.64	347,790.00	(227,109.36)
Pictometry License Agreement	50,327.79	907,115.00	(856,787.21)
Total PSAP DISBURSEMENTS	444,281.61	2,035,540.00	(1,591,258.39)

**HAWAII WIRELESS ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending 31 December 09**

FY 2010 BUDGET VS ACTUALS
For 6 months ending 31 December 2010

DESCRIPTION	Kauai PSAP		
	1Jul09 - 31Dec09 Actuals	Budget	Over/(Under)
DISBURSEMENTS:			
PSAP Expenses			
Akimeka Program Mgmt	236,694.96	265,846.00	(29,151.04)
CAD Related Expenses			
Integrgraph CAD upgrade	-		
Motorola CAD Port @ Kapolei	-		
CAD Related Expenses - Other	-	1,375,783.00	(1,375,783.00)
Total CAD Related Expenses	-	1,375,783.00	(1,375,783.00)
Conferences			
APCO Conference	1,812.31	3,500.00	(1,687.69)
Navigator 2009	-		
Nena Conference	-	7,000.00	(7,000.00)
Telematics VRS/IP Meeting	-		
Total Conferences	1,812.31	10,500.00	(8,687.69)
Hawaiian Telcom Charges			
Haw Tel T1 Charges	-		
Hawaiian Telcom Trunk	86,054.76	342,715.00	(256,660.24)
HawT Chgs for C&C, Hickam, HPD	-		
Total Hawaiian Telcom Charges	86,054.76	342,715.00	(256,660.24)
Pictometry License Agreement			
Software Maintenance	-	209,649.00	(209,649.00)
GeoSnap Maintenance	-		
Total Software Maintenance	-		
Total PSAP DISBURSEMENTS	324,562.03	2,204,493.00	(1,879,930.97)

HAWAII WIRELESS ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending 31 December 09

FY 2010 BUDGET VS ACTUALS
 For 6 months ending 31 December 2010

DESCRIPTION	Maui PSAP		
	1Jul09 - 31Dec09 Actuals	Budget	Over/(Under)
DISBURSEMENTS:			
PSAP Expenses			
Akimeka Program Mgmt	197,000.02	373,756.00	(176,755.98)
Conferences			
APCO Conference	7,492.69	12,045.00	(4,552.31)
Navigator 2009	-		
Nena Conference	12,045.41	7,500.00	4,545.41
Telematics VRS/IP Meeting	300.40	300.40	-
Total Conferences	19,838.50	19,845.40	(6.90)
Hawaiian Telcom Charges			
Haw Tel T1 Charges	-		
Hawaiian Telcom Trunk	111,397.80	204,348.00	(92,950.20)
HawT Chgs for C&C, Hickam, HPD	-		
Total Hawaiian Telcom Charges	111,397.80	204,348.00	(92,950.20)
Pictometry License Agreement	-	364,816.00	(364,816.00)
Total PSAP DISBURSEMENTS	328,236.32	962,765.40	(634,529.08)

HAWAII WIRELESS ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending 31 December 09

FY 2010 BUDGET VS ACTUALS

For 6 months ending 31 December 2010

DESCRIPTION	Oahu PSAP		
	1Jul09 - 31Dec09 Actuals	Budget	Over/(Under)
PSAP DISBURSEMENTS			
CAD Related Expenses			
Integraph CAD upgrade	-		
Motorola CAD Port @ Kapolei	-	7,766.00	(7,766.00)
CAD Related Expenses - Other	-	91,719.00	(91,719.00)
Total CAD Related Expenses	-	99,485.00	(99,485.00)
Computers			
20 PTK Cordless	-	6,363.00	(6,363.00)
Servers DIT	-	68,789.00	(68,789.00)
Total Computers	-	75,152.00	(75,152.00)
Conferences			
APCO Conference	21,693.80	14,500.00	7,193.80
Navigator 2009	7,014.30	7,014.00	0.30
Nena Conference	14,508.95	21,700.00	(7,191.05)
Telematics VRS/IP Meeting	-		
Total Conferences	43,217.05	43,214.00	3.05
EMS Tower Equipment	-	113,972.00	(113,972.00)
Fiber Optic Cable	-	115,310.00	(115,310.00)
GeoCom Consulting	41,780.09	41,781.00	(0.91)
Hawaiian Telcom Charges			
Haw Tel T1 Charges	-		
Hawaiian Telcom Trunk	1,086,128.58	1,528,760.00	(442,631.42)
HawT Chgs for C&C, Hickam, HPD	-		
Total Hawaiian Telcom Charges	1,086,128.58	1,528,760.00	(442,631.42)
Overtime			
O/T GeoComm Training	-	13,758.00	(13,758.00)
O/T Pictometry Training	-	3,106.00	(3,106.00)
Total Overtime	-	16,864.00	(16,864.00)
Pictometry License Agreement	-	270,558.00	(270,558.00)
Software Maintenance			
GeoSnap Maintenance	22,380.00	22,380.00	-
Total Software Maintenance	22,380.00	22,380.00	-
Total PSAP DISBURSEMENTS	1,193,505.72	2,327,476.00	(1,133,970.28)

**HAWAII WIRELESS ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending 31 December 09**

FY 2010 BUDGET VS ACTUALS
For 6 months ending 31 December 2010

DESCRIPTION	Operations		
	1Jul09 - 31Dec09 Actuals	Budget	Over/(Under)
Expense			
Audit Expense	8,882.50	8,900.00	(17.50)
Board Member Travel	8,070.70	26,699.60	(18,628.90)
Consulting Expense			
Akimeka, LLC	168,370.29	335,000.00	(166,629.71)
Intrado, Inc	122,485.63	251,304.00	(128,818.37)
Total Consulting Expense	290,855.92	586,304.00	(295,448.08)
DB&F Assessments			
DB&F Admin. Exp. Assess	76,182.97	255,587.00	(179,404.03)
DB&F Revenue Assessment	212,980.90	415,235.00	(202,254.10)
Total DB&F Assessments	289,163.87	670,822.00	(381,658.13)
WSP Cost Recovery			
Sprint/Nextel	84,104.12	177,000.00	(92,895.88)
Total WSP Cost Recovery	84,104.12	177,000.00	(92,895.88)
Total Expense	681,077.11	1,469,725.60	(788,648.49)

**HAWAII WIRELESS ENHANCED 911 BOARD
STATEMENT OF CASH FLOWS
For month ending 31 December 09**

BANK RECONCILIATION SUMMARY		
MONTH OF DECEMBER 2009		
DESCRIPTION		Dec 31, 09
Beginning Bank Balance 12/01/2009		\$ 11,488,970.94
Cleared Transactions		
	Checks and Payments - 13 items	\$ (1,669,765.75)
	Deposits and Credits - 11 items	\$ 267,768.60
Total Cleared Transactions		\$ (1,401,997.15)
Ending Bank Balance 12/31/2009		\$ 10,086,973.79
Uncleared Transactions		
	Checks and Payments - 12 items	\$ (373,476.28)
	Deposits and Credits - 3 items	\$ -
Total Uncleared Transactions		\$ (373,476.28)
Register Balance as of 12/31/2009		\$ 9,713,497.51



January 8, 2010

To: Wireless Enhanced 9-1-1 Board, Technical and Finance Committees

From: Glenn Roach – Executive Director

Subject: Authorization to send the Executive Director to the NENA Technical Development Conference in Nashville, TN – February 7-10, 2010

The following are the estimated costs for the Executive Director to attend the NENA Technical Development Conference in Nashville, TN – February 7-10, 2010 (see included brochure)

- Airfare: \$713
- Hotel: \$845
- Per Diem \$330

- Total: \$1,888

Finance Committee Approval:

Name Signature

Technical Committee Approval:

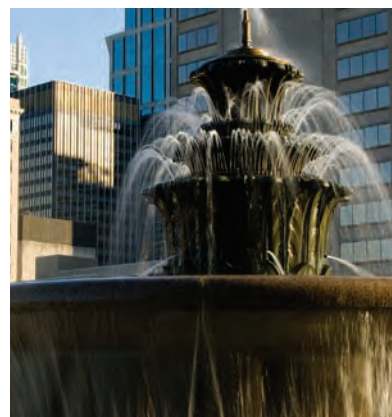
Name Signature

Board Approval:

Name Signature

Technical Development Conference Operations Development Conference

February 7-10, 2010 • Nashville, TN



WELCOME

You're invited to participate in NENA's 17th Annual Technical Development Conference and 10th Annual Operations Development Conference, together known as the TDC/ODC. As we move closer to the day when full NG9-1-1 can be implemented, the work for 2010 focuses around completion of standards and definition of the migration paths to NG9-1-1, formal testing, and the education of our 9-1-1 community to support the transition of our industry to NG9-1-1.

This TDC/ODC conference will kick off with descriptions, experiences and discussions from regions and states where early adopters have been active in preparing for and implementing parts of NG9-1-1, and will continue with advancements in technology and operations that drive our industry. We will overview the NG9-1-1 project and development effort. In the two days of breakout sessions, attendees will participate in further developing plans for a prudent transitional approach that can be replicated across the country, and ensure that our technical and operational needs are consistently met.

The TDC/ODC gives you the opportunity to shape and help determine the future of your 9-1-1 community through the discussion of IP-based telecommunication for 9-1-1, and the impact on the operation of the NG9-1-1 network and system, and 9-1-1 call centers. Here you will have the opportunity to network with your peers and help shape national policy, standards and transition planning for our 9-1-1 industry.

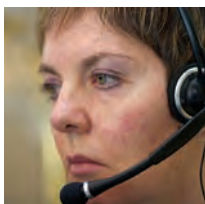
The event will also serve as a key face-to-face forum for further development of essential requirements for 9-1-1 call taker training nationwide and to coalesce various disaster planning recommendations into a cohesive plan involving 9-1-1 communications centers and various other public/private entities.

Help build our future. Join us in Nashville for the TDC/ODC from February 7-10, 2010. We look forward to seeing you there!



Tom Breen, ENP
NENA Technical

Pete Eggimann, ENP
NENA Operations



Technical Lead Team

Tom Breen, ENP, Technical Committee Chair
Tony Busam, Technical Committee Vice-Chair
Roger Hixson, ENP, Technical Issues Director
Barb Thornburg, ENP, Committee Resource Manager
Ron Bloom, ENP, Executive Board Technical Liaison

Data Technical Committee

Delaine Arnold, ENP - Chair
Erica Aubut, ENP - Vice-Chair

CPE Technical Committee

Mike Vislocky - Chair
Robert Walthall - Vice-Chair

Network Technical Committee

Anand Akundi - Chair
John Garner, ENP - Vice-Chair

Non-Traditional Technical Committee

Dave Irwin, ENP - Chair
Paul McLaren - Vice-Chair

VoIP/Packet Technical Committee

Nate Wilcox - Chair
Roger Marshall - Vice-Chair

Next Generation 9-1-1 Transition Planning Committee

David Jones, ENP and Bill Hinkle Co-Chairs
Bob Sherry, ENP and Jim Goerke Co-Vice-Chairs

Technical Committee Advisor

Bob Gojanovich, ENP

Operations Lead Team

Pete Eggimann, ENP, Operations Committee Chair
Wendi Lively, ENP, Operations Committee Vice-Chair
Rick Jones, ENP, Operations Issues Director
Barb Thornburg, ENP, Committee Resource Manager
John Crabill, ENP, Executive Board Operations Liaison

Accessibility Committee

Richard Ray - Chair
Donna Platt - Vice-Chair

PSAP Operations and Next Generation Integration Committee

Marc Berryman, ENP - Chair

Next Generation 9-1-1 Transition Planning Committee

Bill Hinkle and David Jones, ENP Co-Chairs
Jim Goerke and Bob Sherry, ENP Co-Vice-Chairs

PSAP Operations Committee

Collet Crabill, ENP - Chair
Dave Cox - Vice-Chair

Contingency Planning Subcommittee

John Haynes, ENP - Chair
Dave Cox - Vice-Chair

Human Resources Subcommittee

Ed Marecki, ENP - Chair
Collet Crabill, ENP - Vice-Chair

Public Education and PSAP Training Subcommittee

Sonya Lopez-Clauson, ENP - Chair

Standard Operating Procedures Subcommittee

April Heinze - Chair
Steve Brooks, ENP - Vice-Chair

CONFERENCE DETAILS

The 2010 TDC/ODC returns to the Music City, Nashville for an event that promises to cover a wide range of topics/concerns while providing an opportunity to move cooperatively forward, both in technical/operations interaction and in activities involving representatives from other diverse organizations.

Attendees of the two conferences will be working together throughout the event, starting with focus on lessons being learned by state, regional and local implementers of various NG9-1-1 components. Ranging from transition recommendations to interoperability issues to following open standards, guidance will be provided to both public and private industry entities involved in various aspects of NG9-1-1, including providers of various communications services to the public.

Attendees of both events will get a view of today's rapidly evolving sensor/alarm services and their roles within NG9-1-1 and in the wider space of evolving NG emergency communications.

In addition to many joint working sessions throughout the three days, there will be focus on bringing in attendees from various other public/private entities in the broader areas of emergency communications/services to assist in coordinated efforts, such as call taker training essential requirements, disaster planning, N11 interaction and other important activities.

As we move closer to the day when full NG9-1-1 can be implemented, the work for 2010 focuses on completion of standards and definition of the migration paths to NG9-1-1, formal testing, and the education of our 9-1-1 community to support the transition of our industry to NG9-1-1.

The conference will kick off with descriptions, experiences and discussions from regions and states where early adopters have been active in preparing for and implementing parts of NG9-1-1, and will continue with advancements in technology and operations that drive our industry. We will overview the NG9-1-1 project and development effort. In the two days of breakout sessions, attendees will participate in further developing plans for a transitional approach that can be replicated across the country, and ensure that our technical and operational needs are consistently met.

The TDC/ODC gives you the opportunity to shape and help determine the future of your 9-1-1 community through the discussion of IP-based telecommunication for 9-1-1, and the impact on the operation of the NG9-1-1 network and system, and 9-1-1 call centers. Here you will have the opportunity to network with your peers and help shape national policy, standards and transition planning for our 9-1-1 industry.

Pre-Conference Courses

Sunday, February 7

8:30 AM – 4:30 PM

Introduction to Converging 9-1-1 Technologies

It started with simply dialing "9-1-1" from a landline phone. Then, in the blink of an eye, it evolved into Enhanced 9-1-1, Wireless E9-1-1, VoIP, MLTS, Skype, NG9-1-1, and countless other public safety and telecommunications services, devices, and systems – each with their own unique benefits and challenges that affect PSAP operations. This course is designed to prepare new emergency communications professionals for the increasingly diverse and interconnected public safety landscape taking shape in front of us.

As the boundaries of what the 9-1-1 system is capable of expand outward, it is important that public safety professionals understand how this impacts the communications center. Attendees will learn about the new and emerging consumer, telecommunications industry, and public safety technologies that converge under the PSAP roof and will explore what they are, how they work, and the effect they have (or will have) on communications center operations now and in the future.

Next Gen Employees for the Next Gen PSAP

9-1-1 is evolving and so is the makeup of communications center workforce. As PSAPs prepare for next generation technology, they must also prepare for next generation telecommunicators. Although the ability to utilize cell phones, text messaging, and the internet have created a new breed of worker who is comfortable with technology, challenges may arise when trying to communicate with these Generation Y-ers (born 1981-2000).

By preparing for them and the Millennials (born after 2000), we can determine how they will affect the inter-employee dynamic within the PSAP. By learning about the work ethics, motivations, and values held by the younger generations, PSAP managers can engender better communications, improve morale, and create a new generation of leaders. Through attending this course, 9-1-1 professionals – from the manager to the telecommunicator – will obtain a better understanding of their co-workers and learn to promote better social dynamics in the PSAP.

About the National Emergency Number Association (NENA)

NENA is The Voice of 9-1-1™. NENA promotes implementation and awareness of 9-1-1 as North America's universal emergency number. NENA is the leading professional non-profit organization dedicated solely to 9-1-1 emergency communications issues. NENA serves its nearly 7,000 members in 48 chapters across the U.S., Canada and Mexico through policy advocacy, establishment of technical and operational standards, certification programs and a broad spectrum of educational offerings. Find out more at www.nena.org.

Questions? Visit www.nena.org/2010-tdc-odc or call 1-800-332-3911 for more information.

AGENDA

Tentative agenda and subject to change

Sunday, February 7

- 7:30 AM – 5:00 PM** **Registration**
8:30 AM – 4:30 PM **Pre-Conference Courses**
- Introduction to Converging 9-1-1 Technologies
 - Next Gen Employees for the Next Gen PSAP
- 5:30 PM – 6:30 PM** **Welcome Reception**

Monday, February 8

- 7:30 AM – 5:00 PM** **Registration**
8:30 AM – 10:00 AM **Opening Session**
- Presentations and discussion of NG9-1-1 related work by early adopter states and regions, including transition considerations
- This session will include overviews of NG9-1-1 such as planning and implementations by states and regions which have already moved toward NG9-1-1 systems. Readouts will cover what parts of NG9-1-1 have been put in place and are in use, experiences with operations to date, problems encountered, interoperability issues, and needs for content in Standards and Information Documents. Transition issues will involve interaction with and discussion by the NENA NG9-1-1 Transition Planning Committee.

- 10:00 AM – 10:15 AM** **Break**
10:15 AM – 12:00 PM **Opening Session continues**
- NG9-1-1 Project Update and 2010 completion activities.
- This session will highlight what we have accomplished so far, what is yet to complete, priorities, and timeline relationships in 2010.

- 12:00 PM – 1:15 PM** **Lunch Provided**
1:15 PM – 3:00 PM **Sensor Environment and Impacts on NG9-1-1 and Emergency Communications**
- This session will include coverage by sensor/alarm providers, standards representatives, and telecommunications providers which are targeting data messaging to increase business opportunities. There will be an overview of the types and purposes of sensors in use or planned, and how they will impact NG9-1-1 and emergency entities (PSAPs and others).

- 3:00 PM – 3:15 PM** **Break**
3:15 PM – 5:00 PM **Topic Sessions**
- Review of opening sessions' information and impacts
 - Analysis of possible additions/adjustments to national work based on early adopter experiences and needs
 - Review of in-progress and planned NENA NG9-1-1 Project actions for 2010

Tuesday & Wednesday Topics Include:

- NG9-1-1 educational session regarding its relationship to E9-1-1 functionality, utilizing analogies and correlations
- Readout of NG9-1-1 Industry Collaboration Events (ICE) to-date, including what has been learned in testing among multiple vendors of various NG9-1-1 components
- Purpose, plans and status of NG Safety Consortium, which includes approximately 40 organizational members, in addition to 35 9-1-1-related entities and others
- Update on call taker training essential requirements development work and seeking important input from conference attendees, to assist in finalizing this national work
- Update on N11 interaction and interoperability work in progress and utilizing attendee input to enhance and expand development process
- Coordinated disaster planning discussion and planning across multiple emergency communications/services entities and others
- Various joint technical/operations areas and others are being developed and will be added

Tuesday, February 9

- 8:30 AM – 10:00 AM** **Topic Sessions**
10:00 AM – 10:15 AM **Break**
10:15 AM – 12:00 PM **Topic Sessions**
12:00 PM – 1:15 PM **Lunch on your own**
1:15 PM – 2:30 PM **Topic Sessions**
2:30 PM – 2:45 PM **Break**
2:45 PM – 5:00 PM **Topic Sessions**

Wednesday, February 10

- 8:30 AM – 10:00 AM** **Topic Sessions**
10:00 AM – 10:15 AM **Break**
10:15 AM – 12:00 PM **Topic Sessions**
12:00 PM **TDC/ODC Adjourns**

NOTE: Please DO NOT make travel arrangements that require you to leave the meeting prior to 12:00 noon Wednesday.

TDC/ODC topics cover areas of importance to all NENA technical and operations committees. While some sessions cover topics related to a specific committee, many will be broader, of importance to multiple committees and joint working groups.

Ground Rules for TDC Participation

The TDC is a working conference—an opportunity to learn through sharing issues and focusing on solutions. The following ground rules have been established to support this process:

- If this is your first TDC, please visit NENA TDC/ODC web site area, www.nena.org/2010-tdc-odc to review a 9-1-1 tutorial and also link to approved NENA standards. The purpose of the TDC is to find technical solutions with national and international application. Solutions are developed by conference attendees, many of whom are NENA members. Please leave your affiliation at the door.
- The TDC is a working meeting that starts at 8:30 AM and continues until 5:00 PM. No other activities are allowed to conflict with the conference program. Please come prepared to work.
- Everyone is encouraged to attend topic sessions and learn about the technical aspects of 9-1-1. Feel free to network with others during free times. We encourage discussion of the topics outside the sessions.
- Please do not disrupt sessions with questions not germane to the discussion at hand or questions relevant to only your home area or organization.
- All pagers and cell phones must be turned off or set to silent mode.

REGISTRATION FORM

Please register only one attendee per form.
Duplicate if necessary. Print or type all information.



First Name _____ Middle Initial _____ Last Name _____

Badge Name _____ Title _____

Agency/ Company _____

Address _____

City _____ State/Province _____ Zip/Postal Code _____ Country _____

Daytime Phone _____ E-Mail Address _____

Please check the appropriate box: I am registering for: TDC ODC

Please check if this is your first time attending

Please check and specify if you have Special Needs _____

Registration Fee

(Includes registration materials, intensive 3-day program, welcome reception, combined group luncheon, refreshment breaks and commemorative shirt)

Please indicate shirt size: Medium Large X Large XX Large XXX Large

	Early Registration (received by 12/21/09)	Regular Registration (received after 12/21/09)	Fee Totals
Full Program Registration	<input type="checkbox"/> \$395	<input type="checkbox"/> \$425	\$ _____
ENP (You must be a current/active ENP)	<input type="checkbox"/> \$375	<input type="checkbox"/> \$395	\$ _____

Additional Events

Pre-Conference (Includes instruction, course materials and refreshment breaks)

One-Day Course – Sunday, February 7, 2010 \$195 \$225 \$ _____

Introduction to Converging 9-1-1 Technologies

Next Gen Employees for the Next Gen PSAP

TOTAL DUE _____

Method of Payment

Check enclosed in the amount of \$ _____

Credit Card Payment: MasterCard Visa American Express

Card #: _____ Exp. Date: _____

Name as it appears on card: _____

Signature: _____

Send payment by mail or fax to: NENA TDC/ODC
4350 North Fairfax Drive, Suite 750
Arlington, VA 22203
Phone: (800) 332.3911 • Fax: (703) 812.4675



Cancellations

All cancellations must be in writing. Cancellations received before December 21, 2009, will be charged a \$25 fee. No refunds can be made after December 21, 2009.

A Night at the Grand Ole Opry

Saturday, February 6, 2010

Join other attendees and guests for a night of singing and dancing in the historic Ryman Auditorium as you listen to some of country music's best performers. It promises to be an evening you won't forget! Contact Rick Jones at rjones@nena.org to purchase your ticket. **Space is limited.**

For NENA Use Only

ID: _____

Invoice #: _____

Amount Received: _____



National Emergency Number Association
 4350 North Fairfax Drive, Suite 750
 Arlington, VA 22203-1695

NASHVILLE INFORMATION

Official Conference Hotel

The Renaissance Nashville Hotel is the headquarters hotel for TDC/ODC. All TDC/ODC sessions and events will be held at the Renaissance Nashville Hotel or the adjoining Nashville Convention Center. The Renaissance Nashville Hotel is conveniently located in downtown Nashville and is a short walk away from the Historic Second Avenue District.



“The District” is the place to go for dining, live entertainment or just to unwind. You will also find the Historic Ryman Auditorium, Country Music Hall of Fame, Sommet Center, Frist Center for the Visual Arts, Tennessee Performing Arts Center & Tennessee State Museum, all just steps away from the Renaissance Nashville Hotel.

NENA has secured a discounted rate of \$169 at the Renaissance Nashville Hotel for all TDC/ODC attendees. To make your hotel reservation call 1.800.266.9432 and identify yourself as a NENA TDC/ODC attendee. Reservations can also be made online at www.nena.org/2010-tdc-odc/housing.

See Nashville & Save!

Receive a 10% Discount on any of the following tours.

- Discover Nashville
- Historic Tennessee
- The Civil War: Battle of Franklin
- Nashville Nights
- Grand Legends
- Full Day City Tour & Grand Legends
- Homes of the Stars
- Full Day City Tour & Homes of the Stars

For pricing and additional information about each tour visit <http://www.graylinenashville.com/tours.cfm>.

To book your reservation, call Ms. Utma Martin at 800.251.1864 ext. 107. You must identify yourself as a NENA TDC/ODC guest or attendee to receive the 10% discount.

TDC/ODC Sponsor



Wireless Enhanced 911 Board
 Joint Technical/Finance Committee

January 7, 2010

10:00 a.m.
 Department of Accounting and General Services
 Comptroller's Conference Room
 1151 Punchbowl Street, Honolulu, HI 96813

Name	Agency
1. <i>Sped</i>	Bowl
2. Aimee Wana	Hawaii PD
3. Paul Ferreira	Hawaii PD
4. Vicar Poyes	Hawaii PD
5. <i>ECAMPON TM</i>	MWD
6. SCOTT YANISAKIS	RPD
7. Tony Ramirez	AKIMELCA, LLC
8. <i>Sped</i> <i>Brackham</i>	TKC
9. <i>Quemada</i> <i>Tracker</i>	Aloha Tech
10. RUSSELL LUNDBERG	MORI PCS
11. KEVIN KAWANABE	HAWAIIAN TELECOM
12. JOHN THOMPSON	HAWAII PD
13. BEATRICE SAKAKAWA	DOH
14. <i>Clayton</i> <i>the</i>	DIT
15. <i>John</i> <i>Sped</i>	Yip
16. <i>YANNA</i> <i>Sped</i>	EMS
17. <i>Wendy</i> <i>Sped</i>	KRPD
18. LANI NATIVIDAD	HPD
19. <i>Kennison</i> <i>Tejala</i>	HFD
20. <i>Goldie</i> <i>Cross</i>	ATT