EMERGENCY MEDICAL SERVICES COMMITTEE

Chair: Health Advisory Commissioner Harry Hall

Thursday, June 4, 2015

1:00 pm – 3:00 pm

(Voting Members Requested to RSVP by May 22, 2015)
Santa Clara County Sheriff’s Department Auditorium
55 West Younger Avenue
San Jose, CA 95110

All reports and supporting material are available for review on the Santa Clara County EMS Agency website at www.sccemsagency.org and in the EMS Agency’s offices at least one week prior to the meeting. This information is also available the day of the meeting. ( Indicates supporting documentation attached. Indicates committee action required).

1. Call to Order / Roll Call (Commissioner Hall)

2. Introductions and Announcements (Commissioner Hall)

3. Public Comment (Staff)

This portion of the meeting is reserved for persons desiring to address the EMS Committee on a Committee-related matter not on the agenda. Speakers are limited to two (2) minutes. The law does not permit Committee action or extended discussion on any items not on the agenda except under special circumstances. Statements that require a response may be placed on the agenda for the next regular meeting of the Committee.

Regular Items (Commissioner Hall)

4. Approval of March 5, 2015 Meeting Minutes (Commissioner Hall)

5. Summary of Items Presented to Board of Supervisors or Health & Hospital Committee (Natividad)

6. EMS System Update (Williams)

A division of the Santa Clara County Public Health Department
A. Exclusive Operating Area  
B. Summary of EMSCo. Special Meeting

7. **Medical Director Report – Clinical Care** (Dr. Rudnick)

8. **Presentation: Overview of Comprehensive EMS Data System** (Michael Clark) 20 minutes

9. **Presentation: Customer Service Presentation by County Ambulance** (Bob Zuckswert) 20 minutes

10. **EMS Trust Fund** (Natividad)  
    A. Accept Written Report on the Financial Status of the EMS Trust Fund (Natividad)  
    B. Presentation: Santa Clara County Fire Chief’s Association: EMS Section – Category C Trust Fund Proposal

11. **Exclusive Operating Area Contract Status** (Blain)  
    A. County EOA Update  
    1. Accept Rural/Metro Response Time Performance Report
    
    B. Accept Fire Department Response Time Performance Report
    
    C. Palo Alto EOA Update – Accept Verbal Report

12. **Hospital Destination, Diversion, and Advisory Status Report** (Diaz)

13. **Member Roundtable and Reports**

14. **Next Meeting and Adjourn** (Commissioner Hall)

    September 3, 2015 from 1-3 pm at the Sheriff’s Department Auditorium, 55 West Younger Avenue, San Jose, CA 95110

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**Venue and Parking Instructions**

- Visitor parking is available at the County building parking lot designated “Visitor” areas.  
- No food or uncapped beverages are permitted in the training room.  
- This meeting will be recorded.
County of Santa Clara
Emergency Medical Services System

Emergency Medical Services Agency
976 Lenzen Avenue, Suite 1200
San Jose, CA 95126
408.885.4250 voice 408.885.3538 fax
www.sccemsagency.org

Date: June, 2015

To: Santa Clara County EMS Committee Members

From: Eric M. Rudnick, MD, FACEP, FAAEM
Santa Clara County EMS Agency Medical Director

Subject: Clinical Care/Medical Directors Report

We continue to push forward with our clinical initiatives for both care of the cardiac arrest patient and airway management. The Airway Task Force had been folded into the overarching umbrella committee responsible for Continuous Quality Improvement (CQI). We will look at the development of clinical indicators for airway management. The long term goal is to improve the airway management skills for EMS providers.

The SCAMPS (Santa Clara Assessment for Missed Posterior Strokes) Trial Study began on 5/1/15. It is currently too early to tell what the initial results are. We hope that this study will be success in helping to identify previously undiagnosed stroke patients. The majority of stroke centers in Santa Clara County have elected to participate in the study.

The ABMS (American Board of Medical Specialties) has approved board certification in Emergency Medical Services as a subspecialty. The first group of physicians were able to take the examination in November 2013. This is a major achievement for Emergency Medicine as a whole. I plan to take the new certification in EMS the next time the examination is offered in November 2015 (every other year cycle).

Thank you for your attention and respectfully submitted.
County of Santa Clara
Emergency Medical Services System

Emergency Medical Services Agency
976 Lenzen Avenue, Suite 1200
San Jose, CA 95126
408.885.4250 voice/408.885.3538
fax www.sccemsagency.org

Date: May 27, 2015
To: Santa Clara County EMS Committee Members
From: Patricia Natividad
Senior Management Analyst
Subject: Summary of Approved or Pending Board of Supervisors and Health and Hospital Committee Items

Summary of Board of Supervisors Approved items:


Adopt Proclamation declaring May 17-23, 2015 as "Emergency Medical Services Week" in Santa Clara County.

Proclaiming May 17-23, 2015, as “Emergency Medical Services Week” including the designation of May 20, 2015, as “Emergency Medical Services for Children Day” in Santa Clara County would recognize the many dedicated emergency medical services personnel in both the private and public sectors. National EMS Week focuses on the commitment and dedication of paramedics, emergency medical technicians (EMTs), emergency department personnel, communications specialists, dispatchers, fire fighters and law enforcement officers that constitute our local EMS system. Each year, the American College of Emergency Physicians, the Governor of the State of California, and the President of the United States declare the third week of May as “Emergency Medical Services Week.” This national celebration provides an opportunity to honor the work of our local EMS personnel and recognize the positive impact on the health and the well-being of the people of Santa Clara County.

In Santa Clara County, over 40 public agencies and 20 private companies contribute to the success of the EMS System. EMS providers throughout the county answer the community’s call to nearly 120,000 emergency medical service requests per year, and provide vital prehospital patient care and transportation services to the people of Santa Clara County.

A division of the Santa Clara County Public Health Department
Health and Hospital Approved Committee Approved/Pending Board Items:

Emergency Medical Services Trust Fund Recommendations for FY16

Consider recommendations relating to Fiscal Year (FY) 2015 Emergency Medical Services Trust Fund revenues. (Public Health Department)
Possible action:
   b. Forward recommendation to approve inclusion of the Public Health Department recommendations for Emergency Medical Service Trust Fund expenditures in the FY 2016 budget to the Board of Supervisors for consideration.

In 2000, the Board of Supervisors created the EMS Trust Fund and process for incorporating the recommended use of funds into the budget process, and required that the EMS Agency provide an annual report on the Fund's status. This annual report provides information on the activities and projected balance of the Trust Fund by the end of FY15, and recommendations for expenditures for FY16.

Fiscal Year 2015 EMS Trust Fund Revenue
As of March 20, 2015, EMS Agency has received revenues from fines and penalties in the amount of $2,692,750. The Agency anticipates that additional revenues will be forthcoming through the remainder of this fiscal year. During FY14, approximately $3.2 million in fines and penalties were received.

The FY15 EMS Trust Fund Report: Attachment A

Status of EMS Trust Fund as of March 20th 2015
Attachment A shows the cash balance in the Trust Fund as of July 1, 2014, revenues from fines and penalties (liquidated damages) to date and projected expenditures and funds to be held in reserves by the close of this fiscal year. The current amount in Reserves is $4,677,898 and is for the following:
$3,265,533 of First Responder Fees (stipend funds) that are due the City of San Jose Fire should they eventually meet call time performance expectations, and $1,412,365 of Category A, EMS System Reserves.

FY14-15 Project Roll-overs
In the FY15 EMS Trust Fund Report, the EMS Agency requested to roll over $1,345,000 from FY14 EMS Trust fund projects that were not fully completed and are as follows:
   1. Implementation of the EMS System Strategic Plan, for which $520,000 was transferred to FY15. This project is now complete. Funds were used to purchase a response time performance monitoring system and RFP consultant services.
   2. Prehospital Component of the Sobering System, for which $525,000 was transferred to FY15. No activity has occurred in this project, therefore the funds will not be requested to be rolled-over to FY16. Should this project proceed, a separate request will be made for funding at a later time.

A division of the Santa Clara County Public Health Department
3. **Hospital Data Integration into the Comprehensive EMS Data System**, for which $300,000 was transferred to FY15. No activity has occurred in this project, therefore the funds will not be requested to be rolled-over to FY16. Should this project proceed, a separate request will be made for funding at that time.

**Anticipated Unspent Funds from FY15 Approved Projects**

1. **Quality Improvement Analytics for EMS System: $282,000.** This project was to have automated various aspects of quality assurance and improvement related to evaluation of patient care records. Upon further investigation, available technologies fall short of providing the anticipated benefits of the purchase and thus no costs were incurred. Therefore, the EMS Agency recommends a revised spending plan of $100,000 that is outlined in the FY16 Request below.

2. **EMS Agency Resource Allocation (Strategic Initiatives) Coordinator.** This position was filled in the fall of 2014 and thus some salary savings were realized, reducing the drawn down from the Trust Fund. The position coordinates strategic initiatives, examines resource utilization and in particular works with County wide partners on high utilizers of the EMS system.

**FY16 EMS Trust Fund Projection and Proposed Spending Plan: Attachment B**

**Recommendations for Fiscal Year 2016 EMS Trust Fund Budget**
The EMS Agency requests that the Health and Hospital Committee forward the EMS Agency’s recommendations in Attachment B and this report to the Board of Supervisors for approval and inclusion in the FY16 Budget.

**Category B: EMS System Support - Training, Education & Recognition: $195,000.**
Amounts budgeted may be transferred between any line item identified below. All Category B items are routine and requested each year.

**(1)EMS System Information to the Public: $30,000.**
Authorized expenditures in this category would be allocated to promote improvements made to the County EMS System and to inform the public about injury prevention, safety and cardiac survivability activities. This may include community forums, video production, written materials, and other forms of media. The amount requested is the same as last fiscal year.

**(2)Training (not funded by grants or other sources): $100,000.**
Authorized expenditures in this category would be allocated to provide training and training resources for EMS System providers. Courses would include Ambulance Strike Team training, continuing prehospital education, Six Sigma training, Hazardous Materials—First Responder Operations training, and the Annual EMS Update. The amount requested is the same as the last fiscal year.

**(3)Exercises (not funded by grants or other sources): $20,000.**
Authorized expenditures in this category would be allocated to design, conduct and evaluate exercises to assess EMS System capabilities. Typical exercises include the Multiple Patient Management Plan, Standard Dispatch Orders, Ambulance Strike Team operations, and disaster medical operations. The requested amount is $20,000 less than last fiscal year.

**(4) EMS Provider Recognition and EMS Week: $10,000.**

* A division of the Santa Clara County Public Health Department
Authorized expenditures in this category would be allocated to recognize EMS System Stakeholders and stakeholder organizations. Funds are used to produce plaque and awards, t-shirts, mugs, and other objects to recognize EMS field providers during EMS Week and throughout the year. The requested amount is the same as last fiscal year.

(5) Annual EMS Conference: $35,000.

Authorized expenditures in this category would be allocated to the annual Santa Clara County EMS System conference, which is held in May. This conference provides an opportunity to provide advanced education to EMS System personnel, to network among the disciplines in the EMS System, and for elected and appointed officials to recognize the exceptional accomplishments of EMS System participants. Last fiscal year the EMS Agency did not allocate any funding to this item. The conference had been funded by the EMS Trust Fund in previous years, budgeted at $35,000.

Category C: Benefit to EMS System Users - $350,000

Authorized expenditures in this category are intended to assist EMS System Stakeholders with one-time and/or short term needs. Stakeholders have been solicited to request funding for projects. Projects selected for funding may be started July 1, 2015, and must be completed by June 30, 2015.

(1) Quality Improvement Analytics for EMS System: $100,000
This project is a continuation of from FY15. As noted above, $282,000 was allocated in FY15 for this project but upon further investigation, available technologies fell short of providing the anticipated benefits of the purchase and thus no cost were encumbered. Therefore, the EMS Agency recommends a revised spending plan of $100,000.

(2) EMS Fire Chief’s Association Request: $250,000.
The Santa Clara County Fire Chief’s Association requested $250,000 to support on-going Comprehensive EMS Data System implementation. The EMS Committee (EMSCO) will have the opportunity to provide comment on this request at the March 2015 meeting.

Category D: EMS System Strategic Initiatives, $1,749,000

Expenditures in this category are intended to support Strategic Initiatives and key partners of the Health and EMS System.

(1) EMS Resource Allocation Coordinator: $167,000.
Continued ongoing funding of 1.0 FTE EMS Specialist to coordinate strategic initiative-related projects. This position was added last fiscal year to support various projects contained with the EMS System and EMS Agency Strategic Plans.

(2) EMS Strategic Plan Implementation: $100,000.
Allocated funding will assist in the implementation of various projects contained within the EMS System and EMS Agency Strategic Plans which may include, but are not limited to, consultants, service agreements, and development of various tools and resources.

(3) Consultant / Service Costs: $500,000.
Expenditures in this category are intended to support the EMS Agency’s need for interim leadership, agency and system wide assessment and support needed to develop and potentially release and award a new RFP for 911 Ambulance services.

(4) Public Health Operational Subsidy: $750,000
This is a subsidy for general Public Health Department Operations. It was approved as part of the FY14 budget balancing strategy brought forward and approved as part of both the FY14 and FY15 budget process. The recommendation is to continue the subsidy for FY16.

A division of the Santa Clara County Public Health Department
LEMS Lease and Maintenance Cost: $232,000
These proposed expenditures cover the annual lease of a new location for the EMS agency at 700 Empey Way in the amount of $132,000. This will be an ongoing expense that would be prioritized for utilizing the EMS Trust fund on an ongoing basis. In addition these funds cover one-time cost associated with the move and related facility modifications in an amount of $100,000.

Projected Trust Fund Balance at end of FY16: $7,899,161. Funds being held for San Jose Fire and Category A: EMS System/Strategic Reserve:
Historically, the amount placed into the EMS System Reserve was intended for significant strategic or long-range projects that benefit the EMS System, as approved by the Board of Supervisors. While this remains the future intent of this category, the reserve alone did not clarify the total balance of funds available in the EMS Trust Fund. This year’s reserve reveals an estimate of the total fund balance after accounting for all other proposed FY16 expenses.
These funds could be used if the EMS System experiences an unanticipated financial burden, such as the failure of an ambulance provider or an extraordinary increase of cost of service or supplies, or a material decrease in system-wide third-party payor reimbursement. In fact on Feb 4, 2014 the Board of Supervisors authorized the disbursement of $1,789,294 from Category A of the EMS Trust Fund to pay fire department First Responder Fees, County Communication Department’s Communication’s Fee, and the EMS Agency’s Franchise Fee due to Rural/Metro’s bankruptcy.
At the end of FY16, the total Reserves are estimated to be $7,899,161, noting that this figure does not account for any additional liquidated damages that may be deposited over the course of FY16.
  - $3,265,533 held for San Jose Fire, should they meet response time requirements;
  - $4,633,628 in EMS Strategic Reserves (Category A).

In addition, the following factors may impact the total funds deposited to and/or available in EMS Trust Fund in future fiscal years:
1. In the event that the County issues a Request for Proposals (RFP) for Paramedic/Emergency Ambulance Services, the amount of liquidated damages is likely to decrease due to reductions and performance incentives being considered relative to the fee/damages schedule.
2. In the event that the Category A EMS Trust Fund Reserve is utilized to help maintain system performance quality or to cover associated costs should the contracted 911 Ambulance provider not be able to do so (as was experienced during FY14).
Semi-annual Report on EMS System and EMS Agency


This semi-annual report emphasizes the period from December 1, 2014, through April 30, 2015. Because the EMS Agency has been reporting frequently to the Health and Hospital Committee and Board of Supervisors regarding EMS system issues, this report emphasizes a few of the EMS Agency’s activities such as Ebola preparedness and response and focuses on areas most central to EMS system performance such as prehospital clinical care and quality improvement. Response time performance by the fire departments and County Ambulance (operated by Rural/Metro) is included to provide a longer term illustration of monthly reports that are provided to the EMS Agency. Within the report there is variation in the timeframes for which data is provided. This is due to the timing in which data is submitted and the format in which it arrives.
County of Santa Clara
Emergency Medical Services System

Emergency Medical Services Agency
976 Lenzen Avenue, Suite 1200
San Jose, CA 95126
408.885.4250 voice  408.885.3538 fax
www.accemsagency.org

Date:       June 4, 2015
To:         Santa Clara County EMS Committee Members
From:       John Blain
            Contract Manager
Subject:    County EOA Service Area Response Time Performance Report for Fire Departments

History and Issue
The County has entered into agreements with private and public entities to provide emergency medical response and advanced life support ambulance transportation services. Periodic response time compliance reports have been provided to the EMS Committee for the purpose of providing public review of those entities’ performance and compliance with contractual response time requirements. The County has performance based contracts with the following entities:

1. Gilroy, City of
2. Milpitas, City of
3. Morgan Hill, City of
4. Mountain View, City of
5. San Jose, City of
6. Santa Clara, City of
7. Santa Clara County Central Fire Protection District
8. South Santa Clara County Fire District
9. Sunnyvale, City of

Context
Compliance is measured by several key performance indicators that include; response time requirements based on population density; designated response areas; type of response priority (red lights & siren or non-red lights & siren); total number of responses; total number of late responses; and total number of responses exempted (removed) from compliance calculations. Compliance is achieved when ninety (90%) percent or more of the responses meet the specified response time requirement in each response priority within each designated response area.

This report contains response time compliance data for April 2014-March 2015.

Cost
There is no direct cost to the EMS Committee to accept and/or not accept the report.

Legal Issues
There are no legal issues related to accepting and/or not accepting the report.

A division of the Santa Clara County Public Health Department
Options
1) Recommend that the EMS Committee accepts the “County EOA Service Area Response Time Performance Report for April 2014-March 2015”.
2) Recommend that the EMS Committee does not accept the “County EOA Service Area Response Time Performance Report for April 2014-March 2015”.

Recommendation
1) Recommend that the EMS Committee accepts the “County EOA Service Area Response Time Performance Report for April 2014-March 2015”.
## Code 3 Response

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## Code 3 [Red Lights & Sirens] Response Time Compliance

- **Sunnyvale**
- **So. Santa Clara Co.**
- **Santa Clara Co.**
- **Santa Clara**
- **San Jose**
- **Mt. View**
- **Morgan Hill**
- **Milpitas**
- **Gilroy**

![Code 3 Response Time Compliance Graph]
Fire Departments

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Code 2 [Non-Red Lights & Sirens] Response Time Compliance

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Jun 14  
May 14  
Apr 14
Date: June 4, 2015

To: Santa Clara County EMS Committee Members

From: John Blain
Contract Manager

Subject: County EOA Service Area Response Time Performance Report for County Ambulance

History and Issue
The County has entered into agreements with private and public entities to provide emergency medical response and advanced life support ambulance transportation services. Periodic response time compliance reports have been provided to the EMS Committee for the purpose of providing public review of those entities' performance and compliance with contractual response time requirements. The County has performance based contracts with the following entities:

1. Rural/Metro of California (County Ambulance provider)

Context
Compliance is measured by several key performance indicators that include; response time requirements based on population density; designated response areas; type of response priority (red lights & siren or non-red lights & siren); total number of responses; total number of late responses; and total number of responses exempted (removed) from compliance calculations. Compliance is achieved when ninety (90%) percent or more of the responses meet the specified response time requirement in each response priority within each designated response area.

This report contains response time compliance data for May 2014-April 2015.

Cost
There is no direct cost to the EMS Committee to accept and/or not accept the report.

Legal Issues
There are no legal issues related to accepting and/or not accepting the report.

Options
1) Recommend that the EMS Committee accepts the “County EOA Service Area Response Time Performance Report for May 2014-April 2015”.
2) Recommend that the EMS Committee does not accepts the “County EOA Service Area Response Time Performance Report for May 2014-April 2015”.

Recommendation
1) Recommend that the EMS Committee accepts the “County EOA Service Area Response Time Performance Report for May 2014-April 2015”.

A division of the Santa Clara County Public Health Department
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<td>92.25%</td>
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**Code 3 [Red Lights & Sirens] Response Time Compliance**

- Zone 5
- Zone 4
- Zone 3
- Zone 2
- Zone 1
- Overall
### Rural/Metro

<table>
<thead>
<tr>
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<td>94.09%</td>
<td>93.74%</td>
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<td>95.65%</td>
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<td>90.90%</td>
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<td>92.65%</td>
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<tr>
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<td>94.74%</td>
<td>95.83%</td>
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<td>95.19%</td>
<td>96.19%</td>
<td>95.61%</td>
<td>97.03%</td>
<td>93.52%</td>
<td>96.49%</td>
</tr>
</tbody>
</table>

#### Code 2 [Non-Red Lights & Sirens] Response Time Compliance

- **Zone 5**
- **Zone 4**
- **Zone 3**
- **Zone 2**
- **Zone 1**
- **Overall**

![Graph showing Code 2 response time compliance for different months and zones](chart.png)
County of Santa Clara
Emergency Medical Services System

Emergency Medical Services Agency
976 Lenzen Avenue, Suite 1200
San Jose, CA 95126
408.885.4250 voice  408.885.3538 fax
www.assocsmagency.org

Date: May 14, 2015
To: Santa Clara County EMS Committee Members
From: Linda Diaz BSN, RN, PHN
      Clinical Section Manager
Subject: Hospital Destination, Diversion and Advisory Status Report

History

Diversion is a management process that diverts ambulances to the next closest facility. This may be used temporarily by local hospitals when the patient load exceeds emergency department or specialty center resources. Hospital Diversion has a significant impact on the EMS system as a whole.

Facility diversion should be a last resort and utilized only when emergency department/specialty center resources continue to be overwhelmed after internal procedures to manage the situation have been implemented.

Report

Over the last 6 month time period we saw a 5% increase in the total number of patients transported compared to the previous 6 month time period. Hospital diversion saw a significant increase, 80% overall. Some of the largest increases were noted by Kaiser San Jose who saw a 193% increase and Saint Louise at 81%. Valley Medical Center saw a 53% increase with the largest total diversion hours in January when they were reported to have 50.44 hours. The specialty care centers (stroke, STEMI, and trauma) all noted a decrease in diversion/bypass hours. The most significant decrease was reported with the stroke system at 50%. However, it is noted that Saint Louise had 267 hours of stroke diversion out of 311 total hours or 86% of the total.

Options

1) Recommend to accept report
2) Recommend to NOT accept report
3) Other options, as determined by the EMS Committee

Recommendation

EMS Committee should accept the “County Hospital Destination, Diversion and Advisory Status Report for November 2014 through April 2015”.

A division of the Santa Clara County Public Health Department
### Table 1: Number of Patients Transported to Hospital ED from 9-1-1 System*

<table>
<thead>
<tr>
<th>Hospital</th>
<th>Nov-14</th>
<th>Dec-14</th>
<th>Jan-15</th>
<th>Feb-15</th>
<th>Mar-15</th>
<th>Apr-15</th>
<th>Total</th>
</tr>
</thead>
<tbody>
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<td>675</td>
<td>729</td>
<td>674</td>
<td>714</td>
<td>703</td>
<td>4134</td>
</tr>
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<td>El Camino - Mt. View</td>
<td>563</td>
<td>704</td>
<td>683</td>
<td>563</td>
<td>630</td>
<td>620</td>
<td>3763</td>
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<tr>
<td>Good Samaritan</td>
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<td>649</td>
<td>579</td>
<td>621</td>
<td>570</td>
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<tr>
<td>Kaiser - San Jose</td>
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<td>693</td>
<td>743</td>
<td>654</td>
<td>713</td>
<td>733</td>
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<tr>
<td>O'Connor</td>
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<td>557</td>
<td>682</td>
<td>609</td>
<td>620</td>
<td>544</td>
<td>3527</td>
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<td>1332</td>
<td>1175</td>
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<td>288</td>
<td>263</td>
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<td>248</td>
<td>1535</td>
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<td>554</td>
<td>487</td>
<td>562</td>
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<td>81</td>
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<td>6652</td>
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</table>

*Source: Santa Clara County Communications & Palo Alto Fire Department

### Table 2: Daily Average of 9-1-1 Patients Transported By Hospital*

<table>
<thead>
<tr>
<th>Hospital</th>
<th>Nov-14</th>
<th>Dec-14</th>
<th>Jan-15</th>
<th>Feb-15</th>
<th>Mar-15</th>
<th>Apr-15</th>
<th>6 Mth Avg</th>
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<tr>
<td>Good Samaritan</td>
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<td>22</td>
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<td><strong>Total Daily Average</strong></td>
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<td>227</td>
<td>227</td>
<td>224</td>
<td>221</td>
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</table>

*Source: Santa Clara County Communications & Palo Alto Fire Department

*Notes for Tables 1 and 2: These numbers only reflect patients that originated in Santa Clara County and were transported by the County's EGAA Ambulance Provider and Palo Alto Fire Department. Data for Stanford does not include patients from San Mateo County. The data includes but, does not differentiate specialty center status (TRAUMA, STROKE, STEMI, BURN)
## Table 3: Total Monthly Hours of "AMBULANCE DIVERSION" Status

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<th>Dec-14</th>
<th>Jan-15</th>
<th>Feb-15</th>
<th>Mar-15</th>
<th>Apr-15</th>
<th>Total</th>
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<tbody>
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<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
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<tr>
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<td>15.04</td>
<td>7.53</td>
<td>13.80</td>
<td>7.52</td>
<td>64.99</td>
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<td>1.50</td>
<td>4.51</td>
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<td>0.00</td>
<td>10.51</td>
<td>16.52</td>
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<td>15.23</td>
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<td>10.54</td>
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<td>6.01</td>
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<td>0.12</td>
<td>1.50</td>
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</tr>
<tr>
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<td>16.50</td>
<td>16.04</td>
<td>28.22</td>
<td>104.39</td>
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Color Legend for Ambulance Diversion
- Above 37hrs
- Above 30hrs
- Below 30hrs

## Table 4: Total Monthly Hours of "STROKE / CT DOWN" Status

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<th>Feb-15</th>
<th>Mar-15</th>
<th>Apr-15</th>
<th>Total</th>
</tr>
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<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
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</tr>
<tr>
<td>Good Samaritan</td>
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<td>0.00</td>
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<td>9.49</td>
</tr>
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<td>4.34</td>
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<td>5.17</td>
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</tr>
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<td>151.65</td>
<td>86.72</td>
<td>8.31</td>
<td>2.02</td>
<td>7.24</td>
<td>266.72</td>
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<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>VA - Palo Alto</td>
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<td>10.72</td>
<td>0.00</td>
<td>0.00</td>
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## Table 5: Total Monthly Hours of "STEMI" Service Advisory Status

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<th>Feb-15</th>
<th>Mar-15</th>
<th>Apr-15</th>
<th>Total</th>
</tr>
</thead>
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<td>El Camino - Mt. View</td>
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<td>0.00</td>
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<tr>
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<td>0.00</td>
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</tr>
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<td>Regional - San Jose</td>
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<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Stanford</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>VMC</td>
<td>3.00</td>
<td>0.42</td>
<td>9.49</td>
<td>0.52</td>
<td>0.00</td>
<td>36.34</td>
<td>50.63</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>3.00</td>
<td>0.42</td>
<td>9.49</td>
<td>0.52</td>
<td>0.00</td>
<td>36.34</td>
<td>50.63</td>
</tr>
</tbody>
</table>

## Table 6: Total Monthly Hours of Trauma Center "BYPASS" Status

<table>
<thead>
<tr>
<th>Hospital</th>
<th>Nov-14</th>
<th>Dec-14</th>
<th>Jan-15</th>
<th>Feb-15</th>
<th>Mar-15</th>
<th>Apr-15</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regional - San Jose</td>
<td>1.09</td>
<td>2.92</td>
<td>4.03</td>
<td>3.27</td>
<td>1.02</td>
<td>0.00</td>
<td>12.33</td>
</tr>
<tr>
<td>Stanford</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>VMC</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1.09</td>
<td>2.92</td>
<td>4.03</td>
<td>3.27</td>
<td>1.02</td>
<td>0.00</td>
<td>12.33</td>
</tr>
</tbody>
</table>
Date: May 27, 2015
To: Santa Clara County EMS Committee Members
From: Patricia Natividad
Senior Management Analyst
Subject: EMS Trust Fund – Liquidated Damages for Fiscal Year 2015

Monthly Liquidated Damages for Response Time
July 1, 2014 – June 30, 2015

<table>
<thead>
<tr>
<th>Month / Year</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>July-14</td>
<td>$206,750.00</td>
</tr>
<tr>
<td>August-14</td>
<td>$323,500.00</td>
</tr>
<tr>
<td>September-14</td>
<td>$349,000.00</td>
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<tr>
<td>October-14</td>
<td>$325,500.00</td>
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<td>$350,500.00</td>
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<td>December-14</td>
<td>$375,500.00</td>
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<td>January-15</td>
<td>$404,750.00</td>
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<td>February-15</td>
<td>$247,250.00</td>
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<td>March-15</td>
<td>$420,250.00</td>
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<td>April-15</td>
<td>$356,500.00</td>
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<td>May-15</td>
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<tr>
<td>June-15</td>
<td></td>
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<tr>
<td>Total for FY15</td>
<td>$3,359,500.00</td>
</tr>
<tr>
<td>Average Monthly Total In Period</td>
<td>$335,950.00</td>
</tr>
</tbody>
</table>
February 27, 2015

Santa Clara County EMS Trust Fund Review Committee
Santa Clara County EMS Agency
976 Lenzen Avenue, Suite 1200
San Jose, California 95126

Dear Review Committee Members,

Please find in this packet three EMS Trust Fund Applications respectfully submitted by the EMS Section of the Santa Clara County Fire Chief’s Association. These applications are for inter-related projects under the umbrella of the EMS Data Project.

- EMS Data Project Hardware Funds – These funds will be used to implement at patient side data collection and reporting, improving patient care though the reduction in errors and better information to the receiving hospitals.

Thank you for your consideration on these applications.

Respectfully,

John Owen
President – EMS Section – Santa Clara County Fire Chiefs
Battalion Chief – Mountain View Fire Department
EMS TRUST FUND PROJECT REQUEST
CATEGORY C

Date: Feb. 27, 2015

Section I: General Information

Organization Name: Santa Clara County Fire Chief's Association - EMS Section
Address: 1000 Villa Street, Mountain View, CA 94041
Telephone: 650) 903-6812 Fax: 650) 962-0151
Email: john.owen@mountainview.gov
Contact Person: John Owen Title: President - EMS Section

Project Name: EMS Data Project - Hardware Funding
Requested Funding Amount: $250,000

Eligibility
To be eligible for funding, the applicant and project must meet the following two criteria.

Does your organization hold a written agreement with the Santa Clara County EMS Agency?
Yes

Does the project provide a countywide benefit in support of the County Service Area EOA and/or enhance the County Service Area EOA?
Yes
Section II: Project Summary

Provide a brief summary of your request (a more detailed description should be included with this packet).

This funding request is to continue implementing the Emergency Medical Services Data Systems Project. The requested funds would be used to purchase hardware to enable Fire Agency – First Responders (First Responders) to initiate the Patient Care Report (PCR) in the field at or near to the patient side and transfer all patient data to the transporting agency and hospital.

Requested Funding Amount: $250,000

Describe how this project will enhance the County Service Area EOA.

The implementation of the county-wide PCR system is currently underway, with an anticipated completion of the Fourth quarter of 2015 when all First Responder agencies will be using the Image Trend system when they return to their stations and complete the PCR.

County EMS policy 309 mandates that by December 2015 all First Responder agencies must send patient care information at near real-time to the County Data Hub. This funding will be used to further implement these specific capabilities to meet this mandate.

Describe how this project will provide a countywide benefit.

This phase of the Data Project Implementation will benefit the countywide system by:

1) Better Patient Care: More complete / accurate information will follow the patient, from first contact by the First Responder, transfer to County Ambulance, and treatment at the hospital.
2) Earlier alerting to hospitals: By sending the information at patient side at time of transfer the hospitals will be alerted earlier of the patient arrival.
3) Earlier alerting to patient surges
4) Provide the resources to First Responder agencies to meet Policy 309 mandate
Provide a list of recognized stakeholder groups, community based organizations, Agency advisory committees, that support this request. Please include contact information, affiliation, and a letter of support from each.

The application has the support of the Santa Clara County Fire Chief's Association - EMS Section which represents the following agencies:

San Jose Fire Department - Battalion Chief Robert Culberson, EMS Chief
Gilroy Fire Department - Division Chief Mary Gutierrez, EMS Chief
Milpitas Fire Department - Battalion Chief Brian Stelling, EMS Chief
Mountain View Fire Department - Battalion Chief John Owen, EMS Chief
Santa Clara County Fire - Battalion Chief Brian Glass, EMS Chief
South Santa Clara County Fire / Morgan Hill Fire - Captain David Hori, EMS Captain
Santa Clara City Fire - Deputy Chief Dave Rose - Operations Chief Sunnyvale
Department of Public Safety - Captain Shawn Ahern - EMS Chief
Palo Alto Fire Department - EMS Chief Kim Roderick

Letters of support will be attached

Section III: Finance

Attach a copy of the program budget including a list of all estimated costs. Include copies of quotes from vendors (at least three) if the request is for material goods or services to be purchased by the County or organization.

Identify in-kind contributions your organization or partner organizations’ are providing to the project. If a partner organization is involved, attach a statement from that organization that identifies the in-kind participation.

Each agencies is responsible for gap funding as well as on-going equipment, software and Information Technology support.
Identify what other sources you have attempted or are attempting to access to fund this project. Provide the status of each.

Currently there are no other countywide efforts to obtain funding.

If your organization does not attain funding from the Trust Fund, how will the project be funded/implemented? Please also discuss if less than the requested amount was provided, what portions of the project could be completed.

Earlier funding has been receiving and the project is well underway, fire agencies are making significant progress toward implementation of at patient side data collection. Without this funding the project won’t be able to fully implement all aspects of data transfer to ensure a complete patient record is received by the hospital.

Section IV: Sustainability/Coordination

Describe how this project will be sustained after the Trust Fund monies have been used.

This project will be sustained in part by:

1) Each agency will be responsible for on-going cost related to hardware and software maintenance

2) Each agency will be responsible for policies and procedures to assure proper usage and policy compliance.
Explain how your organization will integrate the Santa Clara County Emergency Medical Services Stakeholders into the project (including program delivery, accessibility, marketing, media, public relations, etc.).

As the project includes EMS Agency specific implementation, all agencies will be involved.

Section V: Submission

Submissions not meeting the criteria established herein will not be considered.

x List all additional attachments (other than those required in the application)

x Any additional materials, beyond those requested, that support or describe the proposed project should be included.

x Submissions must be provided electronically in an editable format by the date identified in the Notice of Solicitation.