

EMERGENCY MEDICAL SERVICES AUTHORITY

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October 10, 2018

Ms. Victoria Pinette, Regional Executive Director
Sierra-Sacramento Valley EMS Agency
5995 Pacific Street
Rocklin, CA 95677

Dear Ms. Pinette:

This letter is in response to Sierra-Sacramento Valley EMS Agency's 2018 EMS Plan Update submission to the EMS Authority on July 3, 2018.

I. Introduction and Summary:

The EMS Authority has concluded its review of Sierra-Sacramento Valley EMS Agency's 2018 EMS Plan Update and is approving the plan as submitted.

II. History and Background:

Sierra-Sacramento Valley EMS Agency received its last full plan approval for its 2012 plan submission, and its last annual plan update for its 2017 plan submission.

Historically, we have received EMS Plan submissions from Sacramento County for the following years:

- 1997
- 1999
- 2002
- 2005
- 2007
- 2009-2012
- 2014
- 2017

Health and Safety Code (HSC) § 1797.254 states:

*"Local EMS agencies shall **annually** (emphasis added) submit an emergency medical services plan for the EMS area to the authority, according to EMS Systems, Standards, and Guidelines established by the authority".*

The EMS Authority is responsible for the review of EMS Plans and for making a determination on the approval or disapproval of the plan, based on compliance with statute and the standards and guidelines established by the EMS Authority consistent with HSC § 1797.105(b).

III. Analysis of EMS System Components:

Following are comments related to Sierra-Sacramento Valley EMS Agency's 2018 EMS Plan Update. Areas that indicate the plan submitted is concordant and consistent with applicable guidelines or regulations, HSC § 1797.254, and the EMS system components identified in HSC § 1797.103, are indicated below:

- | | Approved | Not Approved | |
|----|-------------------------------------|--------------------------|---|
| A. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>System Organization and Management</u> |
| B. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Staffing/Training</u> |
| C. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Communications</u> |
| D. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Response/Transportation</u> |

Ambulance Zones

- Based on the documentation provided by Sierra-Sacramento Valley EMS Agency, please find enclosed the EMS Authority's determination of the exclusivity of Sierra-Sacramento Valley EMS Agency's ambulance zones.

- | | | | |
|----|-------------------------------------|--------------------------|--|
| E. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Facilities/Critical Care</u> |
| F. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Data Collection/System Evaluation</u> |
| G. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Public Information and Education</u> |
| H. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Disaster Medical Response</u> |

IV. Conclusion:

Based on the information identified, Sierra-Sacramento Valley EMS Agency's 2018 EMS Plan Update is approved.

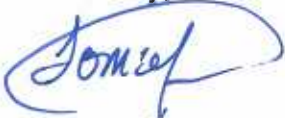
Pursuant to HSC § 1797.105(b):

"After the applicable guidelines or regulations are established by the Authority, a local EMS agency may implement a local plan...unless the Authority determines that the plan does not effectively meet the needs of the persons served and is not consistent with the coordinating activities in the geographical area served, or that the plan is not concordant and consistent with applicable guidelines or regulations, or both the guidelines and regulations established by the Authority."

V. Next Steps:

Sierra-Sacramento Valley EMS Agency's 2019 EMS Plan Update will be due on or before October 31, 2019. If you have any questions regarding the plan review, please contact Ms. Lisa Galindo, EMS Plans Coordinator, at (916) 431-3688.

Sincerely,



Tom McGinnis, EMT-P
Chief, EMS Systems Division

Enclosure



SIERRA-
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July 6, 2018

Lisa Galindo
EMS Systems Division

S-SV EMS Plan Update:

Lisa,

Attached for your review is the 2018 S-SV EMS Plan update to the plan submitted in 2017.

To aid you in your review, I have listed the tables below and indicated which items required updating:

1. EMS Plan Summary – Updated.
2. Table 1 – Reviewed with no update required.
3. Progress/Objectives Chart – Reviewed with no update required.
4. Table 2 – Reviewed and updated with current budget and fee schedules
5. Table 3 – Reviewed and updated with current information.
6. Table 4 – Reviewed and updated with current information.
7. Table 5 – Reviewed with no updates needed.
8. Table 6 – Reviewed and updated with current information.
9. Table 7 – Reviewed with no updates needed.
10. Table 8 – Reviewed with multiple updates for formatting and 911 information activity.
11. Table 9 – Reviewed with multiple updates for formatting and information.
12. Table 10 - Reviewed with no update needed.
13. Table 11 – Reviewed with no update needed.
14. Ambulance Zone Summary Form – No update needed.

The S-SV EMS Quality Improvement plan is also being submitted as part of this update.

Please let me know if your or any EMSA staff members have any questions regarding the EMS Plan update.

I would also like to thank you for working with me so closely on this plan update, your assistance is very much appreciated.

Sincerely,

John Christopher Lord, RN, BS-EMS, MICP
Associate Director
S-SV EMS

cc: Vickie Pinette, Executive EMS Director

Annual EMS System Report

The Sierra-Sacramento Valley Emergency Medical Services (S-SV EMS) Agency is a regional multi-county Joint Powers Agency that serves as the local EMS Agency for the counties of Placer, Nevada, Sutter, Yuba, Colusa, Butte, Shasta, Siskiyou, Tehama and Glenn. The counties have delegated all California Health and Safety Code, Division 2.5 and Code of Regulations local EMS Agency responsibilities to the S-SV EMS Agency.

The Governing Board of Directors for the Joint Powers Agency consists of a County Supervisor from each of the member counties. The EMS system in these counties has been developed through a partnership between the EMS Agency, 9-1-1 public services answering points, EMS dispatch centers, first responder/basic life support (BLS) fire departments, advanced life support (ALS) fire departments and BLS and ALS private ambulance providers, base hospital and receiving hospitals, emergency medical technicians (EMT-I), paramedics, nurses and physicians who provide the care to the sick and injured within our system.

These ten counties encompass an area of some 22,000 square miles with a resident population of approximately 1,350,925 people. The region ranges from remote rural areas to large urban centers. Extremes of weather are characteristic of the area, which encompasses the Sierra Nevada Mountains, the Cascade Mountain range and the heat of the Sacramento Valley region. Interstate 5, traverses Sacramento through Colusa, Glenn, Tehama, Shasta and Siskiyou counties for 350 miles. This is a highly traveled interstate that runs north and south through the counties. Some of the areas are densely populated and others are fairly remote with less population. Interstate 80 runs through Placer and Nevada Counties to the east and Highway 49 also runs through Nevada County. Highway 99 & 70 also traverses through Butte, Sutter and Yuba Counties through farmlands to urban areas.

The mission of the Sierra-Sacramento Valley EMS (S-SV EMS) Agency is to provide local EMS agency services and EMS leadership through a cooperative teamwork approach to member counties. Local EMS agency services include the major responsibilities of system monitoring/oversight, medical control, policy/procedure development and implementation, monitor compliance of law/regulations, certification/accreditation of EMS personnel, EMS planning and education. Our mission is accomplished through the democratic consensus building process utilizing input from diverse representatives of EMS providers, hospitals, physicians and the public.

S-SV EMS updates its Pre-Hospital Care Policy Manual twice a year in January and June. We have our policy manual on our website and we also have a smaller printed version that is available for purchase. You can also download the policy manual application on your cell phone or tablet using Apple or Android applications.

S-SV EMS to date has designated seven trauma centers as Level II, Level III and Level IV throughout the region.

S-SV EMS has attached Policy #505-A which lists all of the hospitals in our ten county region with the level of care/designation. S-SV EMS has five designated STEMI centers and ten designated Stroke Receiving Centers. Rideout Hospital (now Adventist Health Rideout) was re-designated as a STEMI receiving center and was purchased by Adventist Health in 2018. In late 2017 Colusa Regional Medical Center was re-opened under new ownership and management. In early 2017 S-SV EMS was contacted by representatives from Glenn County indicating their desire to move county LEMSA responsibility to S-SV EMS. On July 1, 2017 following Glenn BOS direction and S-SV JPA Board approval, Glenn County joined the S-SV EMS LEMSA Region.

S-SV EMS conducts a series of clinical and Quality Improvement meetings as outlined below:

1. STEMI QI (twice per/year)
2. Medical Control Committee (six per/year)
3. Regional CQI (three per/year)
4. Trauma QI (twice per/year)
5. EMS Aircraft QI (three per/year)

S-SV is also an active participant in county EMCC and EMAG meetings which serves as advisory committee/groups to the LEMSA.

S-SV EMS has reorganized some of the EMS Agencies job assignments to address needs of the EMS region and cross training of some job responsibilities in the clinical investigation areas. The Redding S-SV Associate Director continues in his dual position as RDMHS. Approval of CE Programs and EMT and Paramedic Programs continue throughout the region along with renewals of the programs every four years. S-SV EMS is conducting audits of the approved CE Provider Programs randomly throughout the region. Our agency is currently using Image Trend as the prehospital data system as it complies with the EMSA statewide data system.

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES

A. SYSTEM ORGANIZATION AND MANAGEMENT

		Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
Agency Administration:						
1.01	LEMSA Structure		X			
1.02	LEMSA Mission		X			
1.03	Public Input		X			
1.04	Medical Director		X	X		
Planning Activities:						
1.05	System Plan		X			
1.06	Annual Plan Update		X			
1.07	Trauma Planning*		X	X		
1.08	ALS Planning*		X			
1.09	Inventory of Resources		X			
1.10	Special Populations		X	X		
1.11	System Participants		X	X		
Regulatory Activities:						
1.12	Review & Monitoring		X			
1.13	Coordination		X			
1.14	Policy & Procedures Manual		X			
1.15	Compliance w/Policies		X			
System Finances:						
1.16	Funding Mechanism		X			
Medical Direction:						
1.17	Medical Direction*		X			
1.18	QA/QI		X	X		
1.19	Policies, Procedures, Protocols		X			

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES

A. SYSTEM ORGANIZATION AND MANAGEMENT (continued)

	Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
1.20 DNR Policy		X			
1.21 Determination of Death		X			
1.22 Reporting of Abuse		X			
1.23 Interfacility Transfer		X			
Enhanced Level: Advanced Life Support					
1.24 ALS Systems		X	X		
1.25 On-Line Medical Direction		X	X		
Enhanced Level: Trauma Care System:					
1.26 Trauma System Plan		X			
Enhanced Level: Pediatric Emergency Medical and Critical Care System:					
1.27 Pediatric System Plan		X			
Enhanced Level: Exclusive Operating Areas:					
1.28 EOA Plan		X			

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES

B. STAFFING/TRAINING

	Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
Local EMS Agency:					
2.01	Assessment of Needs	X			
2.02	Approval of Training	X			
2.03	Personnel	X			
Dispatchers:					
2.04	Dispatch Training	X			
First Responders (non-transporting):					
2.05	First Responder Training	X	X		
2.06	Response	X			
2.07	Medical Control	X			
Transporting Personnel:					
2.08	EMT-I Training	X	X		
Hospital:					
2.09	CPR Training	X			
2.10	Advanced Life Support	X	X		
Enhanced Level: Advanced Life Support:					
2.11	Accreditation Process	X			
2.12	Early Defibrillation	X			
2.13	Base Hospital Personnel	X			

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES

C. COMMUNICATIONS

		Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
Communications Equipment:						
3.01	Communication Plan*		X	X		
3.02	Radios		X	X		
3.03	Interfacility Transfer*		X			
3.04	Dispatch Center		X			
3.05	Hospitals		X	X		
3.06	MCI/Disasters		X			
Public Access:						
3.07	9-1-1 Planning/Coordination		X			
3.08	9-1-1 Public Education		X			
Resource Management:						
3.09	Dispatch Triage		X			
3.10	Integrated Dispatch		X			

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES

D. RESPONSE/TRANSPORTATION

		Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
Universal Level:						
4.01	Service Area Boundaries*		X	X		
4.02	Monitoring		X	X		
4.03	Classifying Medical Requests		X			
4.04	Prescheduled Responses		X			
4.05	Response Time*		X	X		
4.06	Staffing		X			
4.07	First Responder Agencies		X			
4.08	Medical & Rescue Aircraft*		X			
4.09	Air Dispatch Center		X			
4.10	Aircraft Availability*		X			
4.11	Specialty Vehicles*		X	X		
4.12	Disaster Response		X			
4.13	Intercounty Response*		X	X		
4.14	Incident Command System		X			
4.15	MCI Plans		X			
Enhanced Level: Advanced Life Support:						
4.16	ALS Staffing		X			
4.17	ALS Equipment		X			
Enhanced Level: Ambulance Regulation:						
4.18	Compliance		X			
Enhanced Level: Exclusive Operating Permits:						
4.19	Transportation Plan		X			
4.20	"Grandfathering"		X			
4.21	Compliance		X			
4.22	Evaluation		X			

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES

E. FACILITIES/CRITICAL CARE

		Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
Universal Level:						
5.01	Assessment of Capabilities		X	X		
5.02	Triage & Transfer Protocols*		X			
5.03	Transfer Guidelines*		X			
5.04	Specialty Care Facilities*		X			
5.05	Mass Casualty Management		X	X		
5.06	Hospital Evacuation*		X			
Enhanced Level: Advanced Life Support:						
5.07	Base Hospital Designation*		X			
Enhanced Level: Trauma Care System:						
5.08	Trauma System Design		X			
5.09	Public Input		X			
Enhanced Level: Pediatric Emergency Medical and Critical Care System:						
5.10	Pediatric System Design		X			
5.11	Emergency Departments		X			
5.12	Public Input		X			
Enhanced Level: Other Specialty Care Systems:						
5.13	Specialty System Design		X			
5.14	Public Input		X			

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES

F. DATA COLLECTION/SYSTEM EVALUATION

	Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
Universal Level:					
6.01 QA/QI Program		X	X		
6.02 Prehospital Records		X			
6.03 Prehospital Care Audits		X			
6.04 Medical Dispatch		X			
6.05 Data Management System*		X			
6.06 System Design Evaluation		X			
6.07 Provider Participation		X			
6.08 Reporting		X			
Enhanced Level: Advanced Life Support:					
6.09 ALS Audit		X			
Enhanced Level: Trauma Care System:					
6.10 Trauma System Evaluation		X			
6.11 Trauma Center Data		X			

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES

G. PUBLIC INFORMATION AND EDUCATION

		Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
Universal Level:						
7.01	Public Information Materials		X	X		
7.02	Injury Control		X			
7.03	Disaster Preparedness		X			
7.04	First Aid & CPR Training		X			

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES

H. DISASTER MEDICAL RESPONSE

		Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
Universal Level:						
8.01	Disaster Medical Planning*		X			
8.02	Response Plans		X			
8.03	HazMat Training		X			
8.04	Incident Command System		X			
8.05	Distribution of Casualties*		X			
8.06	Needs Assessment		X			
8.07	Disaster Communications*		X			
8.08	Inventory of Resources		X			
8.09	DMAT Teams		X			
8.10	Mutual Aid Agreements*		X			
8.11	CCP Designation*		X			
8.12	Establishment of CCPs		X			
8.13	Disaster Medical Training		X			
8.14	Hospital Plans		X			
8.15	Interhospital Communications		X			
8.16	Prehospital Agency Plans		X			
Enhanced Level: Advanced Life Support:						
8.17	ALS Policies		X			
Enhanced Level: Specialty Care Systems:						
8.18	Specialty Center Roles		X			
Enhanced Level: Exclusive Operating Areas/Ambulance Regulations:						
8.19	Waiving Exclusivity		X			