

**EMERGENCY MEDICAL SERVICES AUTHORITY**

10901 GOLD CENTER DR., SUITE 400  
RANCHO CORDOVA, CA 95670  
(916) 322-4336 FAX (916) 322-1441



September 15, 2020

Mr. Larry Karsteadt, Emergency Medical Services Director  
North Coast Emergency Medical Services Agency  
3340 Glenwood Avenue  
Eureka, CA 95501

Dear Mr. Karsteadt:

This letter is in response to North Coast Emergency Medical Services Agency's 2019 emergency medical services (EMS) plan submission to the EMS Authority on May 8, 2020. The EMS Authority has reviewed the plan, based on compliance with statutes, regulations, and case law. It has been determined the plan meets all EMS system components identified in Health and Safety Code (HSC) § 1797.103, and is approved for implementation pursuant to HSC § 1797.105(b).

Based on the documentation provided, the EMS Authority has compiled a list of your Emergency Ambulance Zone areas within your jurisdiction and has enclosed for reference.

The EMS Authority would like to bring to your attention there are no trauma data submissions for Sutter Lakeside for 2020. Please continue working to resolve this issue to submit the data as soon as possible.

In accordance with HSC § 1797.254, please submit an annual EMS plan to the EMS Authority on or before September 15, 2021. If you have any questions regarding the EMS plan review, please contact Ms. Lisa Galindo, EMS Plans Coordinator, at (916) 431-3688.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Dave Duncan', with a stylized flourish extending to the right.

Dave Duncan, MD  
Director

Enclosure



**Regional EMS Plan Annual Update  
2019 Executive Summary  
5-8-20**

North Coast EMS has served as the EMS agency since 1974 and is the designated local EMS agency for the Counties of Del Norte, Humboldt and Lake.

After a public review period, the North Coast EMS Joint Powers Governing Board approved the enclosed Regional EMS Plan on April 30, 2020.

Since the last EMS Plan was approved, the following progress highlights have occurred (red = new this year):

1. The EMS and QIP Plan updates were approved in 2018 and the due date for the 2019 plan updates was extended, by request, to May 8, 2020 due to COVID-19.
2. The following plans were approved by EMSA in 2019: Regional Trauma update and the EMS for Children and STEMI Plans.
3. Designations of St. Joseph Hospital as Level III, Mad River Community Hospital as a Level IV with Surgery, Sutter-Coast Hospital as a Level IV and Sutter-Lakeside Hospital as a Level IV were continued, as were the STEMI Receiving Center designation of St. Joseph Hospital and Emergency Department Approved for Pediatric designations for all seven hospitals.
4. A Trauma site survey was conducted at Sutter-Coast Hospital jointly with Oregon.
5. Received written notice of Level IV Trauma Center designation interest from Adventist-Health Clearlake Hospital.
6. Five EDAP site surveys were postponed due to COVID-19.
7. The federal EMSC grant with UCD-MC was set to expire on May 30, 2020 but was extended six-months by request due to COVID-19.
8. The Governing Board adopted Annual Trauma Center Fees to help cover related costs.
9. Conducted a trauma fee assessment as required by statute and submitted to EMSA and Trauma Centers. Total paid fees do not cover annual costs.
10. Lake County discontinued evaluating LEMSA options.
11. Continued or issued certifications, accreditations or authorizations for EMTs, paramedics and MICNs.
12. Approved use of Naloxone for several Public Safety agencies.
13. Continued training program approvals for First Responder, EMT, Paramedic, FTO, EMD and MICN and Continuing Education programs. The region is served by 53 fire services.
14. Continued authorizations of 4 non-transporting ALS providers, 11 transporting ALS providers and REACH Medical Holdings, (dba, REACH Air Medical, CalStar & Cal-Ore Life Flight). In Del Norte County, Cal-Ore provides ground 9-1-1 mutual aid ambulance, ALS/CCT ground IFT's (to Oregon and other out of County destinations), fixed & rotary wing IFT transfers and rotary wing scene calls. The REACH Medical Holdings companies also provide fixed/rotary wing



- IFT transfers services in Humboldt County and Lake Counties, along with rotary wing scene calls in the two counties.
15. Continued three-county Aero Medical contract with REACH Medical Holdings.
  16. Facilitated pediatric focused training in the region for North Coast EMS stakeholders and UCD-MC hosted an EMSC funded SIM Center training in Sacramento for North Coast EMS ED physicians and others.
  17. Convened the Humboldt County Trauma Advisory Committee (TAC) and Lake County TAC, convened Humboldt County Cardiac Coordinating Committee meetings and participated in Medical Advisory and EMCC meetings.
  18. Initiated Stroke System review process.
  19. Contracted with Matthew Karp, M.D. as the Regional Medical Director and Pam Mather RN as the Exclusive Operating Area (EOA) Oversight Officer.
  20. Prepared draft EOA contract for internal review.
  21. Received inquiries of possible EOA grandfathering interest from Del Norte Ambulance and SLCFPD.
  22. Participated in impact evaluation of extended ambulance mutual aid into Colusa County.
  23. Updated the 5150 Handbook (used by the Hospital Council of Northern and Central California), finalized the medical clearance form and prepared or updated county specific training for law enforcement, EMS, fire and behavioral health.
  24. Participated in EMSA required EMSA/LEMSA meetings and submitted required General Fund quarterly reports.
  25. Continued participation in the federal HRSA EMS for Children Regionalization grant with UC – Davis Medical Center (UCDMC) to continue in the north coast region.
  26. Continued the CDPH HPP Disaster grant.
  27. Contracted with Kimberly Baldwin Lake County Disaster Liaison and Patrick Lynch for Humboldt County.
  28. Submitted the North Coast EMS Core Measures report to EMSA.
  29. Continued use of ImageTrend e-PCR program for providers and approved utilization of two other programs for use within the region. All providers are successfully transmitting data to ICEMA.
  30. Continued to identify and resolve issues with the Lancet Trauma 1 Trauma Registry at both Level IV trauma centers and initiated a process to regularly monitor compliance to data transmission efforts to ICEMA.
  31. Continued more streamline policy and protocol approval process using the Policy Review Committee.
  32. Initiated the process to participate in the Statewide C.A.R.E.S. project.
  33. Submitted APOT reports to EMSA.
  34. Expanded the Public Safety, First Responder and EMT scope of practice to include Epinephrine for anaphylaxis.
  35. Continued the process to add Ketamine to the paramedic scope of practice.
  36. Continued policy to ensure that providers plan for anticipated drug shortages.
  37. Continued participation in the Wellness Roadmap initiative in Lake County to reduce the number of repeat users of the EMS system through data integration.

North Coast Emergency Medical Services (NCEMS)  
Regional EMS Plan Update- Section 2- System Assessment  
5-8-20

Standard	EMSA Requirement	Meets Minimum Req.	Short Range (one year or less)	Long Range (more than one year)	Progress	Objective
1.01	LEMSA Structure	X	X	X	<p>North Coast EMS (NCEMS) continued as the LEMSA on behalf of Del Norte, Humboldt and Lake Counties under the direction of the Joint Powers Governing Board.</p> <p>NCEMS currently has 5.2 FTE positions: Executive Director, Associate Director/Regional Disaster Coordinator, Programs Manager, Administrative Assistant, Fiscal Manager (0.8), EMSC TACTICAL Project Manager (0.2). NCEMS has numerous part time independent contractors: Regional Medical Director, EDAP and Trauma RN, e-PCR Programmer, Office IT, Auditor, ICEMA - Image Trend, Lancet and Digital Innovations – Trauma Registry, Mental Health RN, County Disaster Liaisons (three), Policy Specialists, STEMI/Stroke Coordinator, County Counsel, etc.</p> <p>NCEMS completed year three</p>	<p>Continue to convene JPA meetings to ensure oversight of NCEMS and utilize existing committees to ensure region-wide input.</p> <p>See quarterly General Fund reports, and the most recent EMSA approved Trauma, EMSC and STEMI annual plan revisions, HPP Disaster Progress Reports and EMSC TACTICAL reports.</p> <p>Please note that we have removed details covered in each of the three EMSA approved specialty care plans: STEMI, Trauma and EMSC to reduce redundancy and because each is compliant with current state regulations.</p>