



NLCERA October 18, 2017

EMS Advisory Committee Meeting Minutes

Date: October 18, 2017

NLCERA EMS Advisory Committee Meeting Minutes:

Attendees: [See attached roster](#) below

NLCERA Meeting was facilitated by Kevin Waters

Introductions:

Minutes: August meeting Questions or Comments. Approved

Purpose and Mission Overview: Restate

- 1) UCH [2017 NLCERA Annual Report](#) is out. It is on the Poudre-Fire.org website. County report and strategic plan is being worked on. Focus in the future is more data driven.
 - a. NLCERA and Wellington Annual Reports will be one report covering both contracts.
- 2) PVHS: Focus is more effective response = MARVLIS (direct ambulance to predictable calls). There is a new EMR that will be shared with partners.
 - a. Discussion about types of RMS and sharing Data – goal is to be able to transmit patient data to other EMS responders on scene
 - b. Lifeline has a different RMS program. It is controlled by their vendor. Golden Hour.
 - c. Pat says he would look into a possible bridge into for Golden Hour with ESO. Nick will also look into it and bring forward his findings..
 - d. John Washco (MARVLIS rep) will be doing a presentation and everyone will be invited to hosted luncheon. Timeframe is dependent upon UC Health schedules. Hopefully, 2 of the 3 new UCH software systems up by Christmas, and MARVLIS in early 2018.
- 3) PFA: Kevin described what PFA is looking for in an RMS package.
 - a. Compliance: Regular compliance meetings, and discussed an overview of response compliance. Practicality and data discussion revolves around low occurrence in rural zones. Remediation-Equivalency (RE) process is also being discussed. (How to define it and get language finalized with legal review).

- b. PFA is buying Zoll AED's (40). Discussion of capabilities and efficiency of use for EMS response. PFA and Wellington have just finished Advanced Resuscitation Training to increase hands on time. Discussed last weeks COR (37 year old) with good outcome. Integration and Collaboration.
 - c. Pat pointed out that Dispatch is the key. Dr. Tremblay stated that there is an increase of saves who are neurologically intact with new approach to resuscitation.
- 4) Adult Spinal Protocol has been rolled out – meets Nexus Criteria. It has been well received and having an impact.
- 5) Wellington's Coordinated Compliance: UC is waiting for the review process. Proposed to put a reserve ambulance in Wellington. When Wellington uses it, UC will reimburse Wellington for the use
- 6) Communications: AVL upgrades: still negotiating contract for new CAD (1st or 2nd quarter of 2019). AVL is not functional on current CAD. Nick: it may be available now that the CAD is rebooted.
 - a. At patient Reporting: July 1 – Sept 30: improving. Radio reception is still the biggest problem. Still have to look at CAD notes. Pat voiced a concern about at patient times not being an analytic that makes a difference. Point is that there is not an issue cannot be improved. Is this an analytic that should be evaluated for usefulness?
 - b. Kevin recommended meeting to discuss all Key Performance Indicators, including at patient. Pat agreed. TO DO.
- 7) Jim – LZ maps: August LZ map distributed to Fire Chiefs (rural) and getting updated feedback for new map. CRSP layer and will add to it. Jim will talk to Rural Fire Chiefs for receiving updates.
 - a. Duane says that he has 2 versions of the map. It is programmed into radios and their dispatch. Tom talked about what they are getting for review. Discussed the 3 different methods of the lat long listings. (decimal degrees, etc...)
 - b. Can we get everyone on the same page? Jim is going to be the place to unify it. Different county road numbers and Forrest Service system is different.
 - c. Duane says to give info to air dispatch to convert to decimal. Jim has strong confidence about this current map...Take this one as a baseline.
 - d. Gave business cards and encouraged people to call him so the information is consistent. Oct 17 map is the baseline and then get back to him with changes. Jim will make sure the updated map pdf will be put on the NLCERA site.
 - e. Pat says that they are still working on the SPOT device to help with the defined landing zone.
 - f. Duane encouraged to just say where the patient is – don't focus on LZ's only.
 - g. Tom says there is a difficulty with the land based ambulance crews knowing how to get to the scene. Pat says that this is why AVL is important. MARVLIS will

enhance this with Automatic Vehicle Routing (AVR). These are satellite driven so connectivity will be more reliable. Refresh time helps keep the directions more reliable. MARVLIS relies on the Tom/Tom data set with the ESRI layer. This technology will help in metropolitan and rural response.

- 8) John: CSU: 3 games now. Heat increases calls. Crowds prevented electric cart from being utilized on concourse. 2 more home games left. Planning paid off. Tremblay – from ED prospective...things went really well...the internal response was excellent. Kevin described the set up for medical response at the stadium.
- 9) Lori Hodges: Solar Eclipse overview: treated as an incident response around the event...not the event itself. Working on the assumption it would push surge issues. Concerns included weather balloons and drones. Vehicles pulling off causing wild fires. Links between Wyoming. Aries put in place for backup. Private land use problems. Resource needs, Evac and Shelter in case of fire, Reservoir loads, move in dates, concerts. Messaging before and during event. Text messaging system: very successful. Learned to extend it based on need afterwards. Coordination with CDOT. Real time situational awareness. Good outcomes due to planning working together. Consequence Management was the key. LL: 3 layers of players. Teams were developed with multiple agencies. Sat phones.
 - a. Kevin asked what criteria would benefit from Consequence Management plans: Large events (concerned about terrorist issues), unusual events, Example: Stop the Bleed training at the EM. New events. There is not a mass gathering document at a city level. (ordinances). Cost recovery, mitigation, legal protections...) Everyone agreed that this is something that should be worked on. Most funding is paired with terrorist issues. Costs are usually carried by citizens. Lori offered to start that process. There is not a mass victim plan either which she is working on now. Important to work on. Pat offered to give Lori copies of Ordinances from other areas.
 - b. First Net was tested for the eclipse and it was successful for Wyoming. Discussion about the need for Colorado to have something that will work for it – pros and cons for First Net. Stakeholder meetings are coming up. Lori will send out the info to this group. EMS will be impacted on it. Nick says he will be getting a first net device.
 - c. There is also a meeting for Salamander credentialing on Nov 2 – find out what support this is and the costs. Would like response agencies at that meeting.
 - d. Resiliency project: Critical Infrastructure interdependencies map...help evaluate impact if any single thing is down. Going for a grant to program in cascading events. We can add more nodes but has to be on the map. This a pilot Tool.
- 10) Tom: rural EMS update. Things are doing good. Still wondering about the 800 tower. Might be on as the 18th...concerned about everyone having the 800s and will VHF still work? Deadman will be disabled. Need to touch base with Dave and Justin. It will be a

good thing but the awareness of a system go is not consistent. Pat has been doing a great job listening to issues. Training is going well. Working on combining sites. Great job to LifeLine...communications and LZ location on call last week.

11) Medic CE and Paramedic Refresher

12) Rural Fire Chief Meeting – coming up October 28, 2017.

End of Meeting8)

Next Meeting is December 20, 2017

Please contact Kevin Waters or Bill Salmon with any questions.

kwaters@poudre-fire.org (303-906-6498.)

bsalmon@poudre-fire.org (970-218-9406).

Minutes written by: Mary Makris and Kevin Waters

See [Roster Below](#):

18-Oct-17	NCLERA EMS Committee Meeting Roster		Please update Emails	Please update phone #'s
Please Initial for Attendance	First and Last Name	Organization		Phone #
	Braden Applegate	UCH/PVH	Braden.Applegate@uchealth.org	970-391-4962
X	Vivian Armendariz	Citizen	vivislovesbirds@gmail.com	970-308-7228
	Letitia Betchel	WFD	lbetchel@wfpd.org	970-215-3156/970-568-3232
	Dave Bressler	BH	Dave.Bressler@bannerhealth.com	970-302-1127
	Tom Cain	UCH/PVH	Thomas.Cain@uchealth.org	
	Hugh Collins	PCFPD	h.collins@poudre-canyon-fire-district.org	970-881-2472
	Carol	RCVFD	chief@rcvfd.org	970-566-2150

	Dollard			
X	Jon Falbo	CSU PD	jon.falbo@colostate.edu	970-491-5074
X	Tom Forbes		tfbike@hotmail.com	281-838-5587
	Mike Gavin	PFA	migavin@poudre-fire.org	
X	Ron Hall-Estand	RCVFD	ronestand2006@yahoo.com	
X	Lori Hodges	LC OEM	hodgeslr@co.larimer.co.us	303-656-3214
	Pamela Howes	NCME	Pamela.howes@bannerhealth.com	303-947-8454
	Warren Jones	GVFD	gvfdchief1@gmail.com	970-494-4611
X	Mary Makris	PFA	mmakris@poudre-fire.org	
X	Rena Martinez	FPCPD/911	rmartinez@fcgov.com	970-416-2042
	Donn Maynard	LVPD	Livermorechief@gmail.com	
X	Ryan McLean	PFA	rmclean@poudre-fire.org	970-217-2758
	Kim Meyer-Lee	LCDH&E	kmeyerlee@larimer.org	970 498-6786
X	Jim Montague	PFA/GIS	Jmontague@poudre-fire.org	970-416-2285
X	Nick Nudell	UCH	nikiah.nudell@uchealth.org	760-405-6869
	Pam Rice	NCME	Pamela.Rice@bannerhealth.com	720-205-3938
X	Duane Rorie	Air Link	Duane.Rorie@uchealth.org	970-619-6074
	Robert Royer	OEM/PFA	rroyer@poudre-fire.org	970-999-2745
	Bill Salmon	PFA	bsalmon@poudre-fire.org	970-218-9406
	Ron Simms	PFA OEM	rsimms@poudre-fire.org	
X	Pat Songer	UCH/PVH	pat.songer@uchealth.org	775-304-0416
X	Darren Tremblay	UCH/PVH	darren.tremblay@uchealth.org	
	George Theofano	NCME	george.theofanous@bannerhealth.com	970-227-7751

	us			
	Justin Whitesell	LCSO	whitesjl@co.larimer.co.us	970-829-7970
X	Kevin Waters	PFA	kwaters@poudre-fire.org	(303) 906-6498
X	Diane Webber	LCSO	webberdl@co.larimer.co.us	970-498-5340
	Carol Workman	FPCPD/911	cworkman@fcgov.com	
	Chris Wolf	PFA OEM	cwolf@poudre-fire.org	970-416-2859