

**THURSTON COUNTY MEDIC ONE
OPERATIONS COMMITTEE ~ REGULAR MEETING
EMERGENCY SERVICES CENTER/EOC**

June 2, 2016

2:00 PM

AGENDA

- I. CALL TO ORDER/ROLL CALL
- II. APPROVAL OF AGENDA
- III. PUBLIC PARTICIPATION
- IV. REVIEW AND APPROVAL OF MINUTES
 - A. Operations Committee - May 5, 2016 Meeting
 - B. EMS Council - May 18, 2016 Meeting (Informational Only)
- V. COMMITTEE REPORTS
 - A. West Region EMS Council
 - B. Subcommittees
 - 1. Equipment Committee (EqC) – Chair or Representative
 - 2. Mass Casualty Incident (MCI) Committee – Chair or Representative
 - 3. Training Advisory Committee (TAC) – Chair or Representative
 - 4. Transportation Resource Utilization Committee (TRU) – Chair or Representative
 - C. Staff Report

VI. OLD BUSINESS

	ITEM	PRESENTER	EXPECTED OUTCOME
A.	EMS Council Action Report	Wright	Information
B.	Special Projects	Wright	Update
C.			

VII. NEW BUSINESS

	ITEM	PRESENTER	EXPECTED OUTCOME
A.	St. Peter Hospital Clinical Agreement	Hambly	Information
B.	TRPC Study	Paul Brewster	Information
C.			
D.			
E.			

VIII. GOOD OF THE ORDER -

IX. ADJOURNMENT

**THURSTON COUNTY MEDIC ONE
OPERATIONS COMMITTEE ~ MEETING MINUTES
EMERGENCY SERVICES CENTER
May 5, 2016**

PRESENT: Greg Wright, Steve Brooks, Scott LaVielle, Alex Christiansen, John Wood, Amy Larson, Russ Kaleiwahea, Kathy Pace, Dr. Bill Hurley, Mark Gregory

ABSENT: Dave Pearsall, Tony Kuzma

EXCUSED: Wendy Rife, Keith Flewelling

GUESTS: Terry Ware, Tim Hulse

STAFF: Steve Romines, Cindy Hambly, Fay Flanery, Sandra Bush, Alan Provencher

- I. **CALL TO ORDER/ROLL CALL** – Chair Wright called the regular meeting of the Operations Committee to order at 2:00 PM. Staff recorded roll.
- II. **APPROVAL OF AGENDA –MSC** Wright motioned to add a New Business agenda, Item B (EMS Data Report), presented by Steve Romines. (Brooks/Lavielle) moved to approve.
- III. **PUBLIC PARTICIPATION** – None.
- IV. **REVIEW AND APPROVAL OF MINUTES**
 1. Operations Committee – April 7, 2016 – **MSC** (LaVielle/Brooks) moved to approve as submitted.
 2. EMS Council – Draft April 20, 2016 Mtg. (Informational Only)
- V. **COMMITTEE REPORTS**
 - A. WEST REGION – Hambly reported they are not in the red thanks to the EMSC grant from the State, at the last conference. There is still no decision on how the next conference will be scheduled.
 - B. SUBCOMMITTEES
 1. Equipment Committee (EqC) – No meeting, no report.
 2. Mass Casualty Incident (MCI) Committee – No meeting, no report.
 3. Training Advisory Committee (TAC) – Hambly provided minutes from the April 2016 meeting (attached).
 4. Transportation Resource Utilization Committee (TRU) – Brooks will try and have a meeting prior to the June Ops meeting.
 - C. STAFF REPORT –
 - The 2015 Cardiac Arrest save rate is at 59%. King County dropped to 45%.
 - First Guardian Education Center (6340 Capitol Blvd) is a private agency inquiring about approval for ALS training in Thurston County. Staff met with them yesterday.
 - The MPD contract is being modified to move the SWAT contracted duties to Dr. Daniel Gilday.
 - EMS week is May 15 – 21. There will be an updated flyer in the Olympian, and should be distributed May 20th.
 - Paramedic written testing is scheduled for May 6th with orals on May 9th. There are 20 applicants as of today.
 - The spring EMT course began with 36 applications and 22 are currently in the class.
 - Romines provided a 2015 Business Plan report (attached).
 - Romines provided an update for his replacement. The county solicited this position, 24 applied, and 8 have been selected to proceed to the community groups for interviewing. One group will be technical and the other group will be jurisdictional.
 - Hambly discussed the St. Peter Hospital Clinical Agreement. We may be working toward one agreement, signed by Medic One, for taking on the responsibility of training and the Fire EMS Agencies taking on responsibility of their personnel. St. Peter's Hospital Attorneys are reviewing this agreement. Hambly will report on this at the June Ops meeting.

VI. OLD BUSINESS

- A. EMS Council Action Report – (Wright) Preliminary CPR statistics were reported at the meeting. Attached are minutes for further information. Dr. Fell stepped down from the Vice-Chair position, but will remain on the committee. Stan Moon will move into the Vice-Chair position and Margaret McPhee will remain as Chair.
- B. Special Projects – Brooks reported the subcommittee findings. There is a \$10,000 allocation for special projects and this year there was \$16,907 requested from 6 agencies. \$4,000 was removed from FD16 because it was a SORT item, leaving \$12,907 in requested funds. It is the subcommittee's recommendation to authorize the \$12,907; however, if that isn't an option the next recommendation is to reduce the FDI's request for (2) Resusci Anne's to (1), which would bring the fund request down to \$10,907. If EMSC does not approve this, then the remaining overage deduction of \$907 could be allocated based on a proportionate share among all the agencies (matrix needs to be corrected). (Wood/Lavielle) moved to approve bringing to the EMSC the \$12,907, plus the \$5,000 SORT request. Wright will present at the May EMSC meeting.

VII. NEW BUSINESS

- A. EMS Week – see staff report
- B. EMS Data Report – Romines presented (attached)

VIII. GOOD OF THE ORDER – 1) Romines has duck dash tickets for sale. 2) Romines retirement party May 21st.

IX. ADJOURNMENT - 3:11 PM

**Thurston County Medic One
Emergency Medical Services Council – Regular Meeting
Emergency Operations Center/ECC
May 18, 2016**

- PRESENT:** Rena Merrithew, Frank Kirk bride, Dr. Tom Fell, Michael Steadman, Stan Moon, Roger McMaster, Margaret McPhee, Eileen Swarhout, John Ricks, Bud Blake, Russ Hendrickson, Greg Wright
- ABSENT:** Larry Fontanilla, John Christiansen, Jeannine Roe
- GUESTS:** Terry Ware, Tracy Wood, Brian VanCamp, Steve Brooks, Scott Lavielle, Tim Hulse, Tony Kuzma, Chris Patty, Patty Mise, Patrick Long, Pat Armstrong, Brian Kessler
- STAFF:** Steve Romines, Cindy Hambly, Sandra Bush, Fay Flanery, Alan Provencher
- I. CALL TO ORDER/ROLL CALL** – Chair McPhee called the regular meeting of the Emergency Medical Services Council (EMSC) to order at 3:36 PM. Roll was recorded by staff.
- II. APPROVAL OF AGENDA** – **MSC** McPhee asked to move the Brown/Fell Scholarship presentation to Public Participation and to table the Medical Program Direction Renewal. (Steadman/Merithew) move to approve agenda as amended.
- III. PUBLIC PARTICIPATION** – Dr. Tom Fell presented the Brown/Fell Scholarship to Alex McNealley and James Osberg. Steve Romines presented an award to the CISD (Critical Incident Stress Debriefing) Team.
- IV. REVIEW AND APPROVAL OF MINUTES**
- A. EMS COUNCIL – April 20, 2016 – **MSC** (Moon/Blake) move to approve as presented.
- B. OPERATIONS COMMITTEE – DRAFT May 5, 2016 (Information Only)
- V. COMMITTEE REPORTS**
- A. **OPERATIONS COMMITTEE** – No report
- B. **WEST REGION EMS COUNCIL** – No report
- C. **STAFF REPORT**– Romines highlighted on the staff report included in the packet as follows:
- Director’s position: There are currently 5 candidates for this position. These individuals will meet with an internal and an external panel. The panel will provide the BOCC with a priority list for the BOCC to pick from.
 - Steve’s retirement party May 21st at 6:00 at the Olympia Country Club.
 - The 2015 Business Plan is included in this meeting packet.
 - Medic hiring and oral exams: 20 candidates moved forward to the written exam. 18 sat for the written exam and 2 passed. 5 sat for the Oral Board exam and 1 passed.
 - Training: There is an EMT class going on right now, and hoping to graduate 21 of them.
 - Legislative report is included in this meeting packet. Nothing to report from legislation that hurt us, but really nothing to report that helped us.
 - The county is moving forward with changing Scott Brownell’s position from Business Applications Tech I to Business Applications Administrator, which is a significant increase in salary. Scott is the Medic One IT employee and helps Pete with the ALS Data System. This has created a compression between Scott and Pete’s salary, which has been brought to HR’s attention.
- VI. OLD BUSINESS**
- A. TRPC: The steering committee met with Paul Brewster (TRPC) last Friday and received an overview of where he is. Paul will be at the Ops meeting on June 2nd and EMSC meeting on June 15th.
- VII. NEW BUSINESS**
- A. Special Projects: Greg Wright presented the 2016 Special Projects report which shows \$12,907 in requests, plus \$5,000 for SORT, for a total of \$17,907 with a \$15,000 budget. The special projects committee recommends leaving the \$17,907 requests in; however if EMSC would like to stay within the \$15,000 budget, it is recommended to deduct \$2,000 from FDI’s request for (2) ResusciAnne’s, which would provide them with (1), and then allocate the remaining \$907 deduction on a proportionate share. (Ricks/Steadman) move to approve the \$17,907 for special projects and SORT, and the motion passed. Wright will report this back to the Operations Committee.
- B. Dr. Gilday SWAT contract: Dr. Fontanilla is stepping down as the SWAT physician and Dr. Gilday has stepped forward for this position. Dr. Fontanilla was being reimbursed \$625 per month (\$7,500/annually); however, he

thought he was being reimbursed \$1,000/month (\$12,000/annually), so that's the amount he told Dr. Gilday^{4B} he would be reimbursed. Wright/Merithew move to approve the \$1,000/month contract with Dr. Gilday. Steadman requested an amendment which Wright/Merithew rejected. Kirkbride/Steadman oppose; however, the majority approved and the motion passed.

- C. Replacement of Mechanic Lift for Medic Units: The Medic vehicle lift for Olympia has reached its service life, and unfortunately this is not in the equipment reserve budget. There is a proposal from LiftLogic, Inc. for \$26,609.76 to replace this lift. Kirkbride/McMaster move to approve the purchase per the proposal from LiftLogic, Inc., dated May 3, 2016, and to move funds from the ending fund balance to the equipment reserve fund. Romines said it will not be necessary to move funds as this could be made up from other un-expended expenditures. Olympia abstains.
- D. Negotiations Committee ALS Contracts: It was recommended to approve the 2017 – 2021 (5) year ALS EMS contract with Lacey, Olympia and Tumwater with improvement initiatives, the highest priority item as follows; Development of a program to train existing BLS personnel as paramedics, as a partnership with the agencies (\$210,000/year for tuition, textbook support and a shared cost of overtime for backfill of the paramedic trainee classroom time; \$16,250/year for SCBA (Self Contained Breathing Apparatus); \$12,200/year for protective clothing/bunker gear). Action on this will be taken in June 2016.
- E. 2015 System Data Report was presented by Romines.

VIII. PUBLIC PARTICIPATION – None

IX. GOOD OF THE ORDER – None

X. ADJOURNMENT – Meeting adjourned at 5:33 PM.

DRAFT



Thurston County EMS Operations Committee

Medic One/EMS, Staff Report, June 2016 Steve says good bye and take care of our EMS System!!!

Emergency Services Director's position open/recruiting. 5 candidates to go forward to internal board (county) and then external board (fire chiefs, fire commissioners, EMS Council, SPH and MPD).

2015 Cardiac Arrest save rate at 59% (Utstein criteria) More data still to come from other agencies nationwide but King County is approx. 45% for 2015.

EMS System Operational Review, Medic One has established a separate contract with TRPC. Paul Brewster is meeting with fire chiefs, working with historical BLS data from agencies.

Agency is inquiring about approval for ALS training in Thurston County.

Modified MPD contract to move SWAT contracted duties to Dr. Daniel Gilday.

Citizen CPR Program 6 month review: Total Number of Classes: 114 (approx. 5 per week), Citizens Trained: 1,254 (average 11 students per class), Compression Only Classes: 75 (907 citizens trained), AHA CPR Classes: 39 (347 citizens trained). 2015 year-end review by January 31st. Reviewed CPR/EMS program with Olympian Editorial Board. LFD3 has CPR program coverage in Olympian.

EMS Week May 15th -21st. Thank you ad was placed in the Olympian, ended EMS week with a great send off for Steve Romines.

2017-18 Budget: Preliminary budget to committee for review. Next budget committee in July

Medic Hiring and Oral Exams: Medic One utilized Public Safety Testing (PST) for the second time to help establish a hiring list for paramedics in the county. On the PST website interested candidates take a general knowledge exam (not PM level); this testing occurs throughout the year. Medic One selects top candidates, that are paramedics, to apply for Thurston County Medic One. **Of the candidates that passed the PST testing (84) 45 were paramedics. Of the 45 candidates we received 20 applications. Of the 20 applications, 18 took the Thurston County PM Protocol exam on May 6th, 4 candidates passed the written assessment and 1 candidate passed the oral board on May 9th.**

WHEELS (Washington Hospital and EMS Emergency Radio System): DOH has discontinued the lease contract with WSP for the WHEELS repeaters as of June 30, 2015. WSP has given the stake holders until December 31, 2015 to organize an alternative to fund and manage the WHEELS system. **WREMS reached out to the Providence Foundation to serve as fiscal agent for WHEELS and Providence SW to serve as the operational lead for the system. Both entities have agreed pending review of the WA State Patrol WHEELS contracts by the Providence SW legal department. 12 hospitals in the region as well as ALNW have committed to financially support the system for at least 2 years.**

BLS data system: All Fire Departments and Olympic Ambulance have completed SafetyPad training. Starting October 1st all departments online. Staff is working with SafetyPad to implement "Case Flow". This is a module for QA/QI. This can be used at agency level or county level, option for all departments to trial. **Olympic ambulance parent company decided Olympic Ambulance will use another data system, ESO. Olympic Ambulance has agreed to continue using SafetyPad until ESO completes an interface to SafetyPad.**

TRAINING: average pass rate NR EMT exam = national 79%, WA state 85%, WR 90%, CR 93%, TC 95%

First Responder Course, none held. NREMT will increase fees in 2017 (\$80 EMT, \$125 PM). Effective immediately NREMT Authorization to Test (ATT) will be valid for 90 days from the date of issuance. Candidates who do not complete their cognitive examination prior to expiration date will be required to complete a new application, including payment of the application fee.

Spring EMT Course 16-1 will begin Feb. 24th, HCP pre-requisite class Feb. 20th. Course applications sent to fire departments January 11th 36 applications (4 no shows, 6 failed pre-test), 26 started course. Currently 21 students in the course (4 have dropped due to personal reasons, 1 failed the course).

NIMS online training available at <http://training.fema.gov/EMIweb/IS/is700.asp>

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Thurston County Medic One Special Projects Application - 2016

PROJECTS RATING MATRIX

NOV - SORT REQUESTS APPLICANT AGENCY & PROJECT NAME	Funding Priority (Ranking)	TOTAL POINTS	Cost/ Benefit Ratio A = 2 B = 1 C = 0 D = -1 E = -2	Response Time >30min= 2 10-30min= 1 <10min= 0	Square Miles >30 mi= 2 10-30 mi= 1 <10= 0	Population >40k= 2 10-40k= 1 <10k= 0	Multi- Agency >3= 2 2-3= 1 1= 0	Special Training? Yes = 1 No = 0	Special Equipment? Yes = 1 No = 0	Criteria 5 = New 4 = Enhance 3 = Replace 2 = Repair 1 = Potential Improvement	Comments MPD Approval? No points applied for comments or MPD approvals	Expenditure Detail				Agency Data				Staff Comments			
												Project Amount	Agency's Match Request Amount	Allowable per SP criteria, up to 50%	Running total if fully funded at request	Special Projects Committee Funding Recommendation	Additional reductions if cap is \$10,000	Running total if cap is \$10,000	Population		Area Sq Miles	BLS Resp Time (Min)	
A	FD1	(2) ResuscAnne w/ QCPR (LifePak) AED, 2 SimPad Skill Reporter, Tax/Shipping	10	0	0	2	1	0	2	1	4	8,000	4,000	4,000	4,000		2,166		25,000	168.0	7.58	Claiming Financial Hardship but no additional \$ requested.	
B	FD6	Ballistic Vests (8)	10	0	0	1	1	0	2	1	5	7,308	3,654	3,654	7,654		304		13,000	30.0	7.02		
F	FD16	Improve Safety Skills (tactical vests & safety rope)	9	0	0	2	0	0	1	1	5	11,190	5,595	5,595	13,249	1,595	132		606	31.0	8.00	Safety rope should be a SORT item	
C	FD6	Low Angle Rescue Rope	8	0	0	1	1	0	2	1	3	597	298	298	13,547		24		13,000	30.0	7.02		
E	FD8	Reducing Patient Care Transport Risk (stryker chair)	8	0	0	1	1	0	0	1	5	3,679	1,840	1,840	15,387		153		12,000	33.0	7.19		
G	TFD	Portable Radio Replacement	6	0	0	1	1	0	1	0	3	2,000	1,000	1,000	16,387		83		20,096	27.0	6.51		
D	FD17	Ears for EMTs (enhanced hearing stethoscope)	4	0	1	2	0	0	0	0	1	1,040	520	520	16,907		43		4,190	27 / 70	10.20		
PROJECT TOTALS:												\$33,814	16,907	16,907	\$16,907	\$1,595	\$2,906	\$0					
SPECIAL RESCUE TEAMS REQUESTS																							
T	TCFD9/SORT		6	0	0	2	2	0	2	0	0	5,000	0	5,000	5,000	5,000		5,000	0	0	0.00		
SRT PROJECT TOTALS:												\$5,000	\$0	\$5,000	\$5,000	\$5,000	\$0	\$5,000					
ALL PROJECTS TOTALS:												\$38,814	\$16,907	\$21,907	\$21,907	\$6,595	\$2,906	\$5,000					

SORT is requesting consideration from Medic One to fund at 100%

Special Projects Committee met on April 28, 2016. The committee decided to reject the request from FD16 for the safety rope as this should be a SORT item. This would lower the project total to \$12,907. If necessary to lower the project total further, it is recommended to reject (1) of the resuscAnne's requested from FD1. This would bring a project total to \$10,907.00. If it is necessary to bring the total to \$10,000 then it is recommended to spread the reduction of \$907 over the entire requesting departments.

DRAFT Thurston Regional Planning Council Emergency Medical Services System Assessment

BLS Arrival to ALS Arrival Time Interval Analysis

Thurston Regional Planning Council (TRPC) assessed the length of time between the arrival of first responders to an EMS incident and the arrival of the medic unit. An analysis was performed using Advanced Life Support incidents that occurred in Thurston County from 2011 to 2015.

Two sets of data, BLS records from the TCOMM data warehouse and ALS records from Medic One, were joined to perform the analysis. Only incidents involving an ALS dispatch were used. Records were further processed to eliminate response times greater than 60 minutes and less than negative 6 minutes, and to remove records where a BLS unit was not clearly identified as the primary unit. These conditions resulted in a sample of approximately 12,000 unique records.

For every record in the sample, the ALS time interval gap in minutes was calculated using the following formula:

$$ALS\ on\ scene\ time\ minus\ (-)\ BLS\ on\ scene\ time = ALS\ time\ interval\ gap$$

Results

Medic units arrive less than 12 minutes after a BLS unit arrives for 90 percent of all EMS incidents involving an ALS dispatch for all of Thurston County, regardless of dispatch time. Units arrive less than 5 minutes for nearly 78 percent of incidents.

Dispatch time and travel distance are the greatest factors for the ALS time interval gap. Nearly 52 percent of the incidents have medic unit dispatch times that are later than primary unit dispatch times. The other 48 percent have the same dispatch times for both the first responders and the medic units.

TRPC calculated the average ALS time interval gap at a resolution of a quarter section or ¼ square mile for the entire county to illustrate typical time interval conditions. Maps were created using the sum of all medic unit responses and individually for each medic unit.

The mapped results show the incorporated and urbanized areas are within Medic One's levels of service goals. The Cities of Tenino and Rainier appear to have longer ALS time interval gaps than the other urbanized areas. This is most likely due to their distance from medic unit stations. Other less dense unincorporated quarter sections of the county also experience longer than average ALS time interval gaps. Many of these quarter sections have limited transportation network accessibility. These locations also have fewer EMS incidents.

Discussion

TRPC's review of the data raises some questions about its application in system performance evaluation and planning:

1. Are there geographic areas that appear to have degraded medic unit response time level of service that warrant a closer look?

DRAFT Thurston Regional Planning Council Emergency Medical Services System Assessment

2. Are there areas where first responders experience higher than normal arrival times for ALS services?
3. How does Medic One evaluate TCOMM 9-1-1's dispatch of medic units to EMS calls in the system?
 - Are medic units appropriately dispatched under the Criteria Based Dispatch Guidelines?
 - What is the frequency of medic unit dispatch to EMS incidents that don't require treatment or transport by paramedics?
 - How does Medic One consider these factors when medic unit utilization peaks and new medic units are being evaluated to increase system capacity?