



**Public Disaster Education and Preparedness (PDE+P) Committee of
the Marin Operational Area Disaster & Citizens Corps Council (DC3)
Committee Meeting – Monday May 2, 2016**

PDE+P Meeting Minutes for May 2, 2016
Approved at PDEP meeting 7-11-2016

Attendance:

Members Present:

Bill Tyler	CoChair, DC3 Member, Batt. Chief Novato Fire, Fire Marshal
Frank Cox	CoChair, DC3 Member, OES Auxiliary, OES trainer
Catherine Way	Mayor, City of Larkspur, member, MCCMC
Garry Lion	DC3 member, Marin Economic Forum
James Wickham	PG&E Safety + Preparedness Specialist
John Bruckbauer	San Rafael Emergency Management Coordinator
Maggie Lang	CERT Coordinator, Get Ready / Southern Marin
Tom Roberts	AFN Communities: Whistlestop Chief Op Officer

Members Excused or absent:

David Peery	MMWD Safety & Risk Manager
Philippa Lockwood	ARC Disaster Program Specialist / MIDC contact
Terry Scussel,	AFN communities: Marin Ventures, IHSS etc.

Members of Public Present

Lori Schifrin	MMRC training officer, CERT, etc. / lori.sch@att.net
Henry Warren	San Pedro Road Coalition hwarren2006@gmail.com
Amy Van Doren,	Director, Policy etc. Marin Transit, avandoren@marintransit.org

Handouts distributed:

- Agenda, PDEP Monday May 2, 2016 version a
(Note: The APRIL PDEP meeting was cancelled.)
- Draft Minutes of PDE+P meeting of March 7, 2016 version (d)
- Email by F. Cox 4/26/16 recommending <http://earthquakecountry.org/disability/>
- 2016 Whistlestop Directory Adult Services: Transportation + Agency Index pages
- Marin Transit about us website page <http://www.marintransit.org/directors.html>
- Marin Transit local route map page <http://www.marintransit.org/systemmap.html>
- Email Philippa Lockwood 4-21-16 ARC + MIDC report
- Email Maggie Lang 4/26/16 San Rafael CERT News (events)
- FIRESafe Marin page: <http://firesafemarin.org/about/news/entry/free-firewise-workshops-added-may-14-june-11>
- MCSO page with DC3 + PDEP minutes: http://marinsheriff.org/about.aspx?qi_id=51
- PDEP Contact Sheet dated 5-2-2016
- (Draft Marin Transit Emergency Response Plan passed around ... not final)

I. Welcome, Introductions,

- Bill Tyler called meeting to order at Central Marin Police Community room est 1307 hr.
- Tom Roberts, Chief Operating Officer at Whistlestop / Marin Senior Coordinating Council, was welcomed as a new PDEP committee member. Tom has worked with persons with AFN limitations, including a focus on transportation issues, for many years, including the University of California Santa Barbara, Easy Lift Transportation, Manager of Public Transit for Napa County, and other positions. In that capacity, he has had significant experience in disaster / emergency transportation based issues. Welcome, Tom!
- A description of the handouts was summarized by Frank.

Review Minutes

- Maggie moved, Garry 2nd, the March 7th minutes were approved
- (Note: The APRIL PDEP meeting was cancelled.)



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II. Marin Transit – An essential component of Disaster Prep & Response

- Bill and Frank introduced Amy Van Doren, Director of Policy & Legislative Programs for Marin Transit, who was one of the participants in the April 14th Transportation / Evacuation Tabletop (TTX) workshop sponsored by Marin County OES. The workshop was both very well attended and well received, and underscored the importance of transportation issues in local emergency management planning. A follow-up workshop is likely to be scheduled later this year.¹
- Amy gave us an overview of Marin Transit operations, noting the agency provided 3.5 million ride events in FY 2014/2015, with over 141 vehicles of various types. She distributed a handout with core statistics on Marin Transit.²
- Marin Transit is responsible for all local fixed route, paratransit, mobility management services in Marin County. Marin Transit also manages the contract for regional paratransit service on behalf of Golden Gate Transit. Service is provided under contract with Golden Gate Transit, Marin Airporter, MV Transportation, and Whistlestop Wheels.
- In June, Marin Transit will increase service levels about 19%, with improvements in routes, connections, frequency and other elements.³ These changes reflect 3-4 years of studies and reflect the service plan in the 2016-25 Marin Transit Short Range Transit Plan (SRTP).⁴
- Marin Transit is working with County OES to develop an Emergency Response Plan for coordinating local transit operations within Marin County in the case of an emergency. Amy passed around a draft of the plan, still under review, that will include some of the following elements in the event of an emergency or disaster:
 - Addressing the needs of passengers first, then strategies to meet priorities for emergency needs
 - Paratransit operator basic first aid training, and with IS 100 / 200 / 700 level training for key management staff.
 - Integration of information and operations with the Marin EOC when activated.
 - Safety elements for staff, riders, and persons with AFN.
 - Managed reimbursement planning and information management,
 - Plans for emergency staffing, fuel, repairs, maintenance, staging areas, etc.
 - Deployment of a Marin Transit Bus Resource Coordinator to the County EOC, with multiple responsibilities, including liaison to transit contractors.
- Tom Roberts shared his experience with fire and quake emergencies in Santa Barbara and Napa Counties, including standard orders for local staff to report for work following such events, even with impaired communications. Transit infrastructure, particularly electric generators to keep fuel supplies functional, have proven critical in past events. In Napa, for example, key officials had no knowledge of which gas stations had generators allowing them to function following an electric blackout, a common earthquake linked event, until Tom asked an intern to poll local providers on this point.
- Maggie inquired what plans might be in place to dispatch buses to residential areas in the event of evacuation orders. Bill mentioned urban fires can proceed quickly, and Amy noted the transit agencies will be under the direction of the County EOC.

¹ Ursula Hanks, Marin County OES Emergency Services Coordinator, is the contact on these TTXs.

² See a similar Marin Transit handout for FY 2013/14 online at:
<http://www.tam.ca.gov/Modules/ShowDocument.aspx?documentid=8243>

³ Marin Transit 2016 improvements: <http://www.marintransit.org/2016changes/index.html>

⁴ Marin Transit Short Range Transit Plan (SRTP): http://www.marintransit.org/short_range.html



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- Frank asked what County EOC / Transit Agency controls might be overridden by regional authorities, including the Metropolitan Transportation Commission,⁵ the State of California Office of Emergency Services (SOC) or the Coastal Regional Emergency Operations Center (REOC)⁶, the San Francisco Water Emergency Transportation Authority (WETA)⁷ and other elements of the California Catastrophic Incident Base Plan: Concept of Operations (CONOP), soon to be updated.⁸ Should a regional event, equivalent of the expected 'Big One' quake happen, would Marin Transit and similar resources be diverted to other Counties by these regional authorities?
- Amy stated that, as a local provider, Marin Transit's operations are not directly addressed in PA regional documents. Golden Gate Transit is among the 10 largest intercounty operators that have an agreement to provide mutual aid, as coordinated by the Metropolitan Transportation Commission. The 10 largest Bay Area transit operators have entered into this mutual aid agreement to streamline the provision of voluntary mutual assistance among those operators to help assure that public transportation services continue to the maximum practical extent in the event of emergencies. Assistance will generally be in the form of resources, such as equipment, supplies, and personnel. Assistance will be given only when the lender determines that its own emergency and basic transportation needs can be met before releasing its resources. Go to <http://mtc.ca.gov/our-work/operate-coordinate/emergency-management> for more information, including the "Metropolitan Transportation Commission: San Francisco Bay Area Regional Transportation Emergency Management Plan: Baseline Operating Plan." The mutual aid agreement is in Appendix B.
- Amy stated that Marin Transit will respond to direction from the Marin County EOC. The EOC will set priorities and identify safe transportation routes, staging areas, shelters and incident command structures.
- Marin Transit staff have participated in a number of regional emergency / disaster planning, coordination, and training efforts.
- Tom noted that in the event of a major event, such as The Quake, transit agencies will have multiple problems worth discussing now, such as:
 - What to do / where to take passengers already in transit during the event.
 - Special needs: Developmentally Disabled, mobility impaired, seniors, etc...
 - Competition for fuel with first responders and others.
 - Medically critical passenger needs: injured, dialysis patients, etc.
 - Alternate routes when transportation corridors are closed.
 - Communication, command and control issues.
 - Staffing / maintenance / repairs / evacuation / supplying persons with AFN who shelter in place (or are evacuated – to where?) / supplies to staging areas, etc...
- Frank cited examples based on his attendance at the 'Interdependent Lifelines, Risk, and Regional Resilience: South Napa Earthquake Lessons Learned and Priority Actions for

⁵ Metropolitan Transportation Commission, See: <http://mtc.ca.gov/>

⁶ State OES & Bay Area REOC, See for example:
<http://www.caloes.ca.gov/cal-oes-divisions/regional-operations/coastal-region>

⁷ San Francisco Water Emergency Transportation Authority (WETA) <http://sanfranciscobayferry.com/weta>

⁸ California Catastrophic Incident Base Plan: Concept of Operations (CONOP) – expected to be updated later this year. See:
<http://www.caloes.ca.gov/PlanningPreparednessSite/Documents/CA%20Catastrophic%20Incident%20Base%20Plan%20Conops.pdf>



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the “Big One” sponsored by the Bay Area Center for Regional Disaster Resilience Friday, February 20, 2015. For example: water / sewage pumps can depend on backup generators, that depend on fuel and replacement parts, that depend on functioning roadway lifelines, that depend on communication and transportation resources. Tipping one domino can tip a long line of other dependencies.

- Frank expressed concern that the many competing transit, public and private utility resources in the Bay Area could have a difficult time coordinating in the event of a major regional emergency, pointing to command / control / and coordination issues that were seen in the Oakland Fire.
- Jim noted all the agencies have made substantial progress with interoperable communications systems since the 1991 Oakland Firestorm.
- Tom emphasized the importance of basic personal / family / community preparedness. First responder and allied agencies will be overwhelmed at the start of a major event. Bill emphasized practical field training for such an event. One example would be the practice setting up of shelters with ADA compliant equipment and services before disasters.
- Tom noted transit agencies should refocus planning beyond limited disaster ‘evacuation’ plans to broader, more flexible ‘mobilization’ plans. Transit resources must be integrated into the whole of a coordinated response, including supply / resource management, staff mobilization, AFN based needs, and more.
- PDEP thanked Amy greatly for helping identify and sort possible response to some of these ongoing questions.

III. PDEP report at March 10th DC3: Discussion / Priorities for 2016

- Bill Tyler reported for PDEP at the March 10th DC3 meeting, outlining recent PDEP committee speakers and discussion. Please see the DC3 / PDEP minutes online at: http://marinsheriff.org/about.aspx?gi_id=51 .
- Bill spoke informally with DC3 Chair and Board of Supervisors member Judy Arnold about ongoing efforts to develop a County level Disaster Service Worker / continuity to EOC staff level proposal. A number of PDEP members expressed concern that this 3-year old proposal has moved slowly.
- Frank believes no single County department – not fire, law, CAO, DPW, HR, or even the Board itself is tasked with the larger mission of training, managing, and deploying bulk County Disaster Service Workers (DSWs) in the event of a major regional disaster. Such an event would require mobilizing people and resources in a coordinated way from every department, every discipline, within and beyond county departmental systems.
- Ultimately, the Board must prioritize County DSW preparedness and response capacity as the primary, very rarely utilized, but mission critical capacity for the County’s survival. Failure to establish and maintain an effective DSW capability could jeopardize thousands of lives, as well as eligibility for potentially millions of dollars in State and Federal reimbursements.
- To achieve this capacity an inter-departmental program must be created wherein all County departments and resources have some role. The highest levels of County government must approve and support the effort. Practical policies, developed by EOC level agencies, HR, the County Administrator, and others could be developed without jeopardizing ‘routine business’ of any County function.
- PDEP will continue to encourage progress in the DSW training (and Community Preparedness Coordinator) proposals.



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IV. Updates from PDEP members

- MCCMC Marin County Council Mayors + City Councilmembers

- Catherine reported the Twin Cities Disaster Preparedness Committee⁹, in coordination with the Central Marin Police Authority, has interviewed a number of candidates for the position of Neighborhood Response Coordinator. This part-time position, to be filled by Joshua Szarek next month, will support neighborhood organizational efforts throughout Corte Madera and Larkspur, largely based on the Mariner Cove experience.¹⁰
- On the issue of Disaster Service Worker training, Catherine noted under Cal OES / FEMA reimbursement standards, deploying of untrained government workers to disasters would mean millions of dollars of salary and expense costs would be un-reimbursed local charges. She believes this topic should be presented again to City Managers, perhaps through Marin County Council of Mayors & Councilmembers (MCCMC) meetings.¹¹
- The Corte Madera / Larkspur / Central Marin Police Authority Neighborhood Response Group (NRG) Coordinator position description is online at:
<http://www.centralmarinpolice.org/DocumentCenter/View/604>
- There will be a wildland fire exercise on May 7th in the Baltimore Canyon area.

- West Marin

- Frank reported the BOS public session of April 19th enthusiastically commended the West Marin Disaster Council (WMDC), including Anne Sands, Richard Dillman and others for their radio / communications net that links widely separated West Marin Communities.
- Also at the 4/19/2016 BOS meeting Spencer Robert, Marin OES intern, was awarded the Intern of the Year award.

- Emergency Managers Group, other Public Preparedness

- John Bruckbauer reported San Rafael CERT just graduated 25 persons.
- San Rafael continues to work on its Local Hazard Mitigation Plan (LHMP).
- San Rafael OES offered Spanish speaking preparedness including a Get Ready and CERT level skill set trainings for Spanish speaking persons.
- John is also working with MIDC to update an agency resource list to help answer questions such as which agency has staff or materials available to meet a projected disaster linked need.

- MIDC and Red Cross Events:

- Philippa was unable to attend PDEP, but emailed members a detailed report that included some of the following:
- Red Cross:
 - ARC held a Home Fire Preparedness Campaign (HFPC) Event in Fairfax on March 19th and, by all measures, it was a success! Red Cross installed 121 alarms and provided home fire safety education to 47 homes, ultimately serving 99 residents in the Village West Community, Lanai Apartments, and Drake Manor Apartments. Special thanks are due to work by the Ross Valley/ Fairfax Fire Department, the Tzu Chi Foundation, and the Fairfax Disaster Council Outreach Committee.

⁹ Twin Cities disaster Preparedness Committee.
<http://www.ci.larkspur.ca.us/227/Prevention-Education-Preparedness>

¹⁰ See the Neighborhood Response Groups of Marin website at: <http://www.nrgmarin.org/>

¹¹ Marin County Council of Mayors & Councilmembers (MCCMC): <http://mccmc.org/>



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- The Fairfax Fire Station will be conducting follow-up installations for a few residents who were not available during the event. These will likely occur at some point in the next 2 weeks.
- Some Red Cross volunteers are planning to participate in the Mill Valley Evacuation Drill on May 21st.
- Red Cross is finishing up an annual inventory of ARC sheltering trailers, and is mid-way through the very large project of contacting all listed Red Cross shelter locations to confirm contact information and shelter availability as well as scheduling site walk-throughs to assure everyone the records are up-to-date.
- Philippa is conducting a semi-annual Community Partner Outreach to schedule one-on-one meetings (“Meet-and-Greets”) with various key partners. The purpose of these meetings is to renew our understanding of our partners’ capacity to assist during a disaster and to share updates about Red Cross protocol, especially at the local level. Interested PDEP members may contact Philippa at Philippa.Lockwood@redcross.org.
- MIDC
 - John Bruckbauer attended the MIDC meeting on March 22nd. The next MIDC meeting will be hosted by St. Vincent de Paul in San Rafael on May 24th from 2:00pm – 4:00pm.
- Southern Marin / Business Community
 - Garry reported that the Marin Business Emergency Readiness (M’BER) business resilience and preparedness program will have viewable / downloadable materials on the www.ReadyMarin.org website soon, but the overall project continues await funding.
 - Maggie Lang, who has acted as M’BER trainer and consultant since the inception of the program, is not in a position to continue in that role. Recruitment of a replacement M’BER coordinator, estimated to be approximately a 14% FTE position, awaits acquisition of funds.
- CERT and Get Ready 5th ~ Reports by Maggie Lang:
 - Marin County CERT
 - Maggie reported on the successful graduation of two full CERT classes held in Mill Valley Mill Valley April 2, San Rafael April 7th. Nicasio will host the next class, starting May 14th.
 - The CERT train the trainer effort produced 19 new CERT trainers, including some fire personnel & some CERT volunteers.
 - There is a Task Force working with Marin County CERT, focused on Teen CERT ; first class was offered at Tam High last year and will meet in a few weeks with administration at Tam Unified School District.
 - Advance CERT training has been well received, held at the Humane Society on January 31st , and Disaster Psychology in San Rafael last month.
 - On May 21st, Southern Marin, Corte Madera CERTs & Mill Valley CERTs will participate in the Mill Valley Evacuation exercise, and San Rafael CERTS will be trained in vegetation management / fire response and neighborhood organizational efforts at a separate meeting in San Rafael on the same date.
 - Maggie and others are working with John + Lee Howard of Mariner Cove to create a Neighborhood Preparedness Task Force, and put some basic Neighborhood Preparedness materials on www.ReadyMarin.org.
 - An advanced CERT Evacuation exercise is scheduled in Mill Valley for Nov. 5th.
 - Grant funding for the CERT Coordinator position expires 12/31/2016. Hopefully, with support from the Marin Fire Chiefs Association, IRS 501(c)(3) nonprofit status may be acquired working through www.MarinLinks.org.



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- Maggie is coordinating certification of CERTs with Anita Chan of State OES, to make sure all CERTs are appropriately authorized and covered under Worker Comp laws.
- Some Marin CERT groups are already using the Everbridge notification system for their communication needs.
- Maggie will be doing Get Ready type training this month for retired Chevron Employees and the Health Council of Marin.

Get Ready & GR 5th:

- The Get Ready 5th Grade program continues in several school districts.

- Access + Functional Needs communities (AFN):

- Terry Scussel was unable to attend the May 2nd meeting. We look forward to his continuing on PDEP, especially with his expertise with the Developmentally Disabled community and its service providers.

- Utilities + MMWD

- Dave Peery, MMWD, was unable to attend the meeting, so his comments are deferred to the next meeting.
- Jim Wickham advised that PG&E will conduct a Company level disaster exercise on June 8th, with a focus on earthquake and cybersecurity issues.
- PG&E will participate in a major display of disaster resources in Sonoma County on June 13th, including setting up a mock base camp, management of gas leaks, and electrical transmission hazard emergencies.

- Fire Services + County at Large Issues:

- Bill Tyler noted the official fire season starts on May 1st
- The Community Wildfire Protection Plan (CWPP) is in its preliminary draft form, and will be available to the public soon.
- Wildfire Awareness week is May 3-9th, and it is anticipated several Novato communities, recently including Pacheco Valle, will be seeking Firewise Community Designations.¹² A presentation at the Novato City Hall supporting this effort is scheduled May 7th.
- The Novato City EOC will hold a full day functional quake exercise May 4th.
- This Level II event will involve fire / law and City EOC response in morning and then afternoon shifts to simulated building collapse and SMART train derailment sites.
- Various city Local Hazard Mitigation Plans (LHMP) supported by Tom Jordan at County OES, are attempting to consolidate different timelines and local plans into a more integrated report.¹³
- Fire Prevention officers throughout the State are reviewing draft Fire Code options that when approved may be presented to local cities and towns for adoption. The local ordinances then could better support fire prevention efforts. For example, an ordinance could be drafted requiring new gas stations to acquire and maintain portable electric generators for potential disaster fuel supply purposes.

- OES, Training and other Events:

- Frank distributed a webpage advertising the FireSafeMarin FireWise training scheduled in Mill Valley May 14 and June 11th.
- On May 21st, as Maggie mentioned, San Rafael CERTs will offer a class that includes vegetation management, fire response by CERTs, and Neighborhood organizations.
- Frank's next New Employee Preparedness / DSW / ICS-SEMS EDAPR class is scheduled for June 6th 2016.

¹² Firewise Program: <http://www.firewise.org/usa-recognition-program.aspx?sso=0>

¹³ Local Hazard Mitigation Plans (LHMP). See:
http://hazardmitigation.calema.ca.gov/plan/local_hazard_mitigation_plan_lhmp



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- Marin OES has the opportunity to participate in National Emergency Training Center Emergency Management Institute Virtual Table Top Exercise (VTTX) events that should attract strong Marin County Agency interest, including
 - June 7th, Earthquake Exercise
 - Sept 1st, City without Water Exercise.
- PDEP is scheduled for meetings 6/6, 7/11, 8/8, 9/12, but it is possible one or another meeting during the summer may be deferred.
- The County Annual functional exercise, based on a flood scenario, is set November 17th.

VII. Open Time / Public Comment

- Henry Warren attended the 3/29/16 OES Tsunami forum at Stinson Beach, and thought the presentation was excellent. As expected, Marin and Sonoma coastal areas are vulnerable to tsunamis generated around the Pacific Rim. Additionally, interior areas of SF Bay and San Rafael Bay are vulnerable as well to tsunamis generated by large magnitude seismic events in certain parts of Alaska. He recommended distributing and linking to the spreadsheet from the workshop that identifies maximum tsunami wave/surge heights based on both historical events and on computer simulations.

2:50 PM end of meeting

- Bill Tyler closed the meeting.

Next Meetings:

PDEP Meetings: 1-3pm Year 2016: (subject to change):

6/6, 7/11, 8/8, 9/12, 10/3, 11/7, 12/5/2016.

Dates to be confirmed

Site: PDEP unless otherwise posted: Central Marin Police Community Rm.

DC3 Meetings: 3-5pm: 6/9/16, 9/8/16, 12/8/16 – usually at new EOF.

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