

N-CORE El Capitan Santa Barbara

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06/08/02

Notes by Eric Rasmussen

Reviewed by Dave Warner
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Saturday morning in the Yurt

All volunteer, as few meetings as possible,

We are prepared, but we are not ready. We cannot talk amongst emergency responders, and that leads to at least 24 hours delay

NCORE: any way that an intelligent group can come up with better transportation, comms, and if so, where is there a button we can push.

Gold piece distribution... eagle for Dave

Agenda:

Dave: Who are you, and what organizations do you have influence in"

eg Third Fleet, Naval Postgraduate School, UN-HCR, World Food Program telecommunications, Rocky Mountain Institute, USF School of Public Health, US-AID, Institute for Peace and Justice, Johns Hopkins School of Public Health, CRASAR, Carebridge, European Center for Disaster Medicine, World Congress on Disaster and Emergency Medicine, LEADERS, ACP, Navy Operational Medicine Institute, UN Office of the Coordinator for Humanitarian Affairs, Swinfen Trust, NATO Telemedicine Working Group, TIDES World Press Update, DARPA Information Assurance Office, Mayor's Office in San Diego, Highland Forum.

CalPoly: 30y, Jens, Tony Wood, Art Chapman,

KGB Media, Keith Griffiths, EMS, JEMS, in public safety (1,000,000 readers) . Market research in EMS.

Meme: a unit of information that propagates through a group. A rumor could be one, a virus is a meme-code

We're working on memetic engineering.

Jeff Caty: works with Keith, 911 consultant. College of Fellows for the Academy, National emergency 911 association, many presentations nationally, column in 911 magazine, "futurist" for his community.

Ann Baechel: Intl Asso Emergency Managers, Natl version too, VERBIPROMPT, TravelMed, smart

***Citizens taking responsibility for their own readiness and partnering with the previous organizations that once led them e.g. Soviet to Russian transformation.

***Ken Baechel: Community Alert Network, has the entire database for every listed telephone number in US and Canada. Can sort and define a piece of geography. Did 30,000 phone calls during the fires in Los Alamos, works with wife Ann to call patients to remind meds, can call for TravelMed stuff. Int;

Assoc of Emergency Managers. Italy, 15,000 calls an hour soon. Developed software. White House cares, Congress might care.

White paper at CDM CalPoly to apply intelligent agent tech to the assessing of needed numbers

("Major", actually prob Col(ret)) Mike Kramer: Maryland Information School fo Comp Sci and School of Bioinformatics, School of Medicine. Adv Concep Group of NRO, S&T SPECOPS, research budget Aerospace Corporation (NRO support), Voice over IP experimentation, 802.11b localization to within centimeters. Works around Jeff Gerald Homeland Sec (HLS) ACTD, groups of experiments until 2005. They Don't Know. We can perhaps address this as a part of Operation Piggyback.

***Operation Piggyback. We need to influence how other people spend their money.

Douglas Gillies: Consensus Designs, to hold town meetings, grass-roots solutions, trial lawyer. Santa Cruz mountains snowfall, 1M trees fell, neighbors with a sense of "vibrancy", superior performance with each other. Sustainable Community Readiness.

Comment: NYC turned in to Saigon in one hour. Not ready for the transition.

Frank Borden: Los Angeles, retired as fire chief, but influence varies over time. Community Emergency Response Team (CERT), LAPD, consulting business, business community (partner is BICEP (sp) organization),

Tony Wood: retired Marine, works with Art and Jens at CDM, R&D in mil and CDC and other agencies, TROA is an untapped resource, with a complete comms system inside the organization. Fertile ground for the assisting of citizen support. There was no Bush when the Committees of Correspondence were established during the American Revolution, so use that organized grass-roots. Remember the Cassandra project from Y2K ("people are your most valuable asset"). TROA is pre-screened, good asset, group that is comfortable taking responsibility for themselves, each other, and their fellow citizens. Natural leaders emerge. ID them before, and have an infrastructure in which to plug them in. Community networks.

***What does every community have? What do we see everywhere? SCHOOLS!!!, esp elementary and middle school. Fewer HS. Also, UPS is an incredible infrastructure, comms and tracking. FEDEX is another example, the Natl Guard (GuardNet).

The Lois Effect is useful, but not scalable.

Brian Morgan, Intl CERT Society, but works for Adroit. Intl Association of Emergency Managers, AFCEA, LANTFLEET, PACFLEET CIO stuff.

CAPT Suzi Jennusi: CO for CommStation NCTAMS, 500 mil-civ, 80% of message traffic from Mississippi out to Fiji, TACAMO and CIO for Southwest Region. ADM Betancourt, NMCI, ECU Food Service hx, C2 Soviet mindset. 3yrs as a consultant and facilitator. Describes self as visionary. Also a senior woman in the field. Navy asked to head Land Mobile Radios. Senior Officer on Treasure Island during the '89 earthquake. 120 water main breaks, 81 gas main breaks. She developed the disaster plan for TI, implemented without opening.

Chris Bausch: Adroit, DERIS, San Diego, retired Marine a year ago. Fallbrook fires, 27 homes, CoC asked for him to do organization of the communities in Fallbrook and Bonsall.

Discussion of the 45MB Santa Margarita Ecological Reserve, sensors, firetrap, Marine, Civ-Mil-, .edu.org Tony Wood offered Innovation Cell, MCWL, Fallbrook, CalIT2, teraburst server, wireless into the community.

Jeff Ribel, Adroit, MCWL, HQMC, discussion of "influence". "disruptive, subliminal, thumbscrew" Emergency Response Network Initiative (Jeff Gerald of the ACTD above), Portal project: OHS, DoD, Nat Guard, DoJ, DoE, industry. 2y in DARPA Adv Tech Office.

3Com founder rule of thumb: The value of a network is the square of the number of people involved.

John Clay, Coast Guard CAPT, stated reputation as a sailor and a lifesaver, beltway, Congress (House), USDA, adapted ICS for NIUSR and printed National SAR manual.

***John Sullivan, Los Angeles Sheriff's Dept TEWG, Operational Intel Fusion Cell. 70 agencies, guerrilla network, I&W, Assessment, admin now trying to get Orange County, San Diego, Sacramento, Memorial Institute for the Prevention of Terrorism, \$1.6M funding in LA, Emerging Threat Workspace (like a Battle Lab) but six years of experience, doctrine on 4th Gen Threats, Equip Standards, DoJ pre-position C2 subgroup, Pet Pod out of College Station, Natl Logistics Center at Camp Smith, prob 5 pet Pods, NRL, Pre-position equipment program for first-responder sustainment. PPE, SCBA, APR, PAPRS, detection equipment, FEDEX, DoS internationally, driving interoperability through international standards.

Matt Phigerts: Nat Law Enforcement and Correctional Technology West. When John Sullivan breaks down the doors, Matt teaches. Creates a fusion between intel and operations. Grant funded by Nat Institute of Justice, S&T, dep Undersec for S&T. David Boyd is head, 5 centers, adv art and science of useful tech, NLETC West, El Segundo, DoJ.

Denny Wisely, 34yrs Navy, CO carrier JFK, Scottsdale AZ, General Dynamics Decision Systems, secure GSM cell phones (Omega STU-3 by black box Type 1 through 4), many capabilities, interoperability, has a CD, ReadySet within DERIS, secure wireless LAN, full-motion voice-video-data package. Proposal to Coast Guard National distress emergency response NDRSMP. Foundation for many coastline things. JWARN -Marine Corps, mini-metro devices for real-time weather. JWARN is detection, chem-bio, tech capability. BENS Business Executives for National Security. Very connected. Unit Operations Center for the Marine Corps. Navy League, JINNI with Sun Federal architecture, OpenWings.org, thin-client capability, integration, standards and protocols, demo in McClean. Poindexter? OpenOffice.

Language of military is worrisome to the civilians. We have an incomplete vocabulary, and if we don't have the word then we don't have the idea. We are declaring war on ignorance and evil, but we need to phrase it carefully.

***we could endorse, as NIUSR, to encourage interoperability.

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Santa Barbara Fire walked in, description of us from Dave,

Fire Dept statement: moving toward USAR medium response, remote cams, hard-line breathing (SCBA), their comms are radio, but in confined space: hard-line wire and hard-line breathing, max 300 feet. Reachback: none. Paramedics have the base-station core medics, working on protocol basis. Dispatch center: what is the capacity? What is we had to clear the canyon?

Comment: 98% capacity even during a quiet time. In a surge, activate their own SB EOC out of fire hqtrs, managing fire side, and dispatch handles medical and sheriff. Battalion chief has radio, cell phones, no wireless laptops, they have a mobile command post - sheriff and fire combined, mobile home, mult radios LE, medical, aircraft, ham, CB, soon to get satellite, wireless computer coming.

***airbags behind computer systems, five injuries so far with accidents blowing the computer into the officer.

*** can we use cell phones as beacons for GPS localization? Tony Wood (see Mike Kramer...)

*** trying to define a SET of tools, drop-kick test...

they left on a call
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We have a existence proof that citizens can be ready.

April '75 Saigon evacuation, nice example.

The message has to come from someone or something they believe in.

Tony Wood as Winston Churchill. Hmmmph, from him.
DeGaul said: Don't give up. We're coming.

Start with a statement from the believable. The rallying cry has to come from the top.

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Break for Lunch
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CERT roundtable.

Brian Morgan

1981 Forest Service. 200 Navaho indians on the line. Joined the Navy the following year. Arizona EMT.

Community Emergency Response Team program, pioneered by Frank Borden.

(never any description of what CERT is, does, trains, curriculum, that I could discern)

Fundraising: self-sustainable, self-replicating

More on fundraising: AFCEA, TROA, schools.

Denny: decision mapping (focus for his organization) to ensure the end game is understood, then who can choose what

Sustainable national readiness capability for self-sufficiency and disaster resilience.

What real goal, what curriculum, what are we discussing?

CERT was started

CART teams ideas from Tony Wood

Encourage community disaster response teams based on the current CERT model.

1. Develop sample CART curriculum
2. natl ref lib needed
3. Institutional recruitment

NIUSR jobs

1. clearing hosue for good ideas
 2. natl ref lib
 3. tech showcase
 4. evaluator and updater for curricula and technologies.
- our job is as the catalyst.

One deep problem:

industrial society moving to info society

don't buy everything the tofflers say about successive civilizations:

Agriculture
industry
information

We want a more advanced civilization, but there is tension between Toffler's "massified" society and an individually responsible society.

Marine: discipline imposed, then he gains self-discipline. (responsibility)

tension between now and what is wanted. Scouting: we're no longer striving to make a better society in that mold

John Sullivan: tap beyond self-interest. There is a civil society that arises from crisis, and then write off those you must.

Institutional modulation of cultural intelligence.

Catalyst: not the thing produced, nor the thing changed. That's us.

Private Sector Terrorism Response Group: e.g. Disneyland in Orange County. Maybe we look to them.

We're dividing the world into .com .org. .gov .edu .int...

We have to overcome: Joe 6-pac (there was more but he was interrupted)

Jens: We can each describe what we want as an end-point, and we'll get there, but our current problem is that we're trying to accelerate human nature.

Jens: We want to develop an organization that every kid will want to be a part of, and we can't run it or we will destroy it.

Dave: We're trying to save lives, not souls. We're trying to reduce the chance of horrible things happening.

Technology changes physiology. What was being measured was not truly understood. (Jens points out that this statement - while interesting - is conjecture)

Clay: Trying to set the vision: If you just want to be told what to do, you don't belong on this ship.

Wood: We are not control freaks: anything is better than what we have and we need to encourage, providing point of departure, critically understanding that we can help craft a vision.

We're making a mistake if we piggyback on the existing CERT name and baggage: Girl Scouts - dissatisfaction only in uniform. Changed uniforms and restored appeal to young girls.

Keith: what lessons can we learn from the CPR model.

***E3 - largest video gaming conference on the planet. Zida, from Monterey, Army recruiting CD. Compelling.

Leverage, encourage, instigate. Wood.

Games may be a very strong. Maybe strongest.

globalthermonuclearwar.com

Games are a part of the modern teamfortressclassic.com

synthetic intelligence. Growing your culture. Very different from "building". Sensitivity to the environment.

D&D online

worldwartwoonline.com

Mystonline.com

ghostrecon.com

interactive

siggraph this summer. Scavenger hunting in the neighborhood. Forgot the name of that game.

Target was the castle and the castle was the bridge from cyberspace to Omaha Beach. (? , but thats what they said)

Strive for the physicality. Make this a future op.

Clay: (good, but missed it. Sorry.)

Sullivan: Homeland security is a subset of Civil Protection.

SIGGRAPH: SIGKIDS. Southern california community working group, LA, Pub One, legitimate to lean on for something to play. Sullivan will bring the guerillas, Bring those who will be the actors across the spectrum. Capture them in a meaningful way. We need to have a space in local government to serve as a bridge across the provisioners.

Lois: Guerrillas are welcome in this group. Encourage the community to work on their own.

Our strengths: we have reps to every important piece of the required culture. We have each picked our own favorite horse to ride. Trust that we can change the future.

Marine Corps arm:

What are we, ncore, to do?

establishing or communicating the standards or questions, and touch our partners who can carry the meme forward so we can coopt the self-selecting poulations, so what is the game. Sim City has done a lot. If the standards are correct, the game will play well. Use the cultural context of the city. What questions should be a part of the game? What are the metrics:

Kramer:

1. Put it out in cyberspace. Have we eyeballs? zeroth order
2. Can additions of structure be catalogued? - are people adding to our game?
3. when we get complaints from our non-partners
4. Christopher Newport Univeristy teaching games for standards for the Virginia school system. The kids are accelerated a year in two months.
5. Ground Truth will come from John Sullivan:

Civil Protection to the community that we serve. No consent required in the US model (unlike Britain), more coercive. Should that change?

Community groups: but no mention of the Fire folk. They will want to play hard.

Teachers and Fire folk in Santa Barbara met here and wanted to work together.

Plausible believability.

SimCity and SimRescue.

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AM Sunday:

Denny Wisely: Need to leave with a clear vision of where we want to go.

911 is fading.

The play that we push has to be considerate of how people really are. So what is our sustainability plan?

Sustainable Readiness takes us out of the 911 niche (why? how?)

Lois said "our goal is to improve readiness"

We're not going to change anyone, and we won't influence much

Flexibility and adaptation. We don't know enough, so don't let them assume we do.

***Forever Ready. Dare to be Ready (apparently our motto)

Dave:
San Diego
SDSU
Irvine
UCSD

CalIT2
Larry Smar and friends...

Visualization Lab. Teraburst server.
teachers network, field stations, 45MB wireless for ecology monitoring, abuts
Camp Pendleton.

SD Cyberarium building now.

SPAWAR Systems Center

Community Based Projects to justify bandwidth.

Superbowl 2003. San Diego, mini-DERIS site on the laser link.

Community based connectivity.

Operation Piggyback, other people are already doing things.

Tony: (interrupting) No, Dave, this does NOT look like it fits the NCORE vision

Denny: what can GenDyn do here?

Over the next 18mos there are preconfigured events - how can we leverage those events?

SIGGRAPH and SIGKIDS.

Bandwidth, teachers on demand, connect to Maryland, Fallbrook

Pick your projects, lead by example.

.mil, .edu, and community-based connectivity.

Lois: The hardest person in the room to sell an idea to is Jens Pohl. He's a part of the State Educational system. Would you be willing to join the community that is working on this project?

Jens: Here is the issue: I do not know enough, nor am I sure of what I know, so I am not sure I could become passionate about this.

Jens is interested in developing his NIUSR website to develop a youth movement.

Denny: action item: go back and talk with Denny's GenDyn folks - World Series experience, Denny is willing to help Dave.

Lois: don't need a plan to be a catalyst. Plans quickly go out the window when the battle is joined.

We need to provide something compelling. Curricula, activities, clearinghouse, accrued knowledge base, post it.

We have a fractal model of the whole country in San Diego. What's different is the cohesiveness of the leaders in San Diego. No coercion necessary. Lieutenants, not Generals, not Privates. Effective people.

Tap the fund of knowledge here in N-CORE, use it for each of our own projects. Cross-pollinate, with stealth

Mike Kramer:

Commander's Intent: improve our readiness and build coalitions of the committed

NCORE Mission: increase self reliance and enhance first responder capabilities by giving them an interested, educated, and informed populace - as the Founders intended

Execution:

leverage each other

build on our internal strengths

leverage tech only where it fits, and it will never be more than a piece.

Command and signals. lessons learned.

understand local cultural and regional intelligences.

Own the night.

Pick your project and lead by example. Dave has projects. Mike has projects.

Lois: It is time to go round the room.

Suzi: We have events, passion, tech, tools, groups, avenues, sched and agendas, so it seems that we're ready.

Dave: next 30 days. Emails on what members can see as the next 12 months of your own activities. Reese's candy analogy. We are intelligent and pro-active synergists, so we don't need to be told what to do.

Lists circulating.

What are you doing in your own community to help.

Lois: I want to poll the group. What are we doing.

Art: we have to go back and digest and discuss with players. It requires considering resources that need to be allocated.

Keith: One thing that excites us is San Diego, perhaps connect with parameds with SIGKIDS, prevention group, curriculum for injury prevention, should include readiness and develop the national curriculum.

Ann: TravelMed, triage form, readiness thought, NorthEast Health, telemedicine, HMO, senior citizens

Rural TM infrastructure, leverage healthcare comms infrastructure. agromonitoring in spare cycles

Ken: who has developed multilingual voice to text. then to another language capability,

***Mike: influence web. "yahoo construct", TM through Ed Hammond at Duke, reportedly a good dancer.

Suzi: mentors to a lot of people. Looks for high energy, low maintenance. Homeless school children cared for by her sailors. Comms is hers. Music as an avenue but not discussed. Kids.

Frank Borden: the museum. Should be education for children and elec gizmos. Dave says "we can do this". Work with brian on the jr and sr CERT program.

Brian: engage. VFW, AARP, FEMA, DC Fairfax County, schools, more.

Chris: continue to work with Fallbrook and Bonsall, "how do you work with communities. County Sheriff of SD is watching and a member of NCORE: dave will hook him up.

Jeff: connect. citizen biz, industry, gov, complexification

FEMA with Jeff: disasterhelp.gov. five links. that framework includes five segments, e-citizen, e-ngo, e-federal, e-local-e-state-e-tribal, e-business. Can this be one of the 24?

Lois: consider two things: discuss statement will NCORE support the projects underway? e.g., join with FEMA then help with content. They need expertise.

Clay: with Tony on TROA, CERTS in his neighborhood, wants to see gaming, on e-citizen,

Tony: TROA and AFCEA on the coalition of the committed. Observation: although he's in ebusiness, the e does not go anywhere near far enough. Homeless need work. There are many in the non-e generation in this country. They are the volunteers. How to leverage that without the "e". Necessary bu not sufficient. Mobilizing the organizations is more important than the tech.

Denny: Colleen Rowley said the FBI is a paper organization. 286's. Joe Foss is a good friend, story of Guadalanal. Coastwatcher network. Detect deter prevent important for terrorism. Whole spectrum we've not talked about. Situational awareness, if something isn't right, how can we communicate this upward. Connecting citizens may be more useful than the levels.

Watchtower discussion. Pretty lively. Details spared.

Forever Ready community based readiness projects

what are the initial activities?

Syndergy is building

Mission and vision will iterate over 90 days.

Plan in place by Fall 2002 for the schools. Ads in Ranger Rick magazine, Highland magazines

N-CORE is people-connectors. Tech is essential but insufficient. Tech is still just a tool. Trying to modulate communities, not create communities,

Jens: N-CORE may wish to assume a high-vis mission instead of a quiet, subtle, effective. That would be a mistake.

Jens: assist, encourage, enable, and make others look good. Keep out of competition. Give THEM the news briefs.

Crystalization of concepts. Time to move.

Suzi will synthesize events and venues. Communit Nights Out, Schools in Session, Scout rallies, science fairs, 4H, county fairs, tech fairs, winte tasting, intrinsic community networks. Filtering groups in society.

Denny: elevator speech. Get an elevator speech. 45 seconds. Small words.

Give Dave the vision and missions statements. No content free mish-mash.

Lois: Comms to everyone on this list. These people have agreed to contribute resources to help make this country more ready to withstand disruption. usar-netxc@sfu.ca 56 people.

Ken: if you came to visit his company you'd see: "if you think some thing is impossible, don't interrupt those who are doing it."

Tech can meet somethings, not everything. With persistence, we can be a more ready society, far more than we believe we can today.

We don't have time to rescue those who are not paddling. Not bad people, just not on the ride.

Art Chapman will post this:
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