PUBLIC PROTECTION COMMITTEE

Agenda

April 2, 2012
11:00 A.M.
651 Pine Street, Room 101, Martinez

Supervisor Gayle B. Uilkema, Chair
Supervisor Federal D. Glover, Vice Chair

Agenda Items: Items may be taken out of order based on the business of the day and preference of the Committee

1. Introductions

2. Public comment on any item under the jurisdiction of the Committee and not on this agenda (speakers may be limited to three minutes)

3. CONSIDER status report from the Office of the Sheriff on the capability of dispatching wireless 9-1-1 calls through County Sheriff Communications Division (Mike Casten, Undersheriff)

4. CONSIDER accepting oral report from the Community Corrections Partnership Chair on the status of AB 109 public safety realignment (Philip Kader, County Probation Officer)

The Public Protection Committee will provide reasonable accommodations for persons with disabilities planning to attend Public Protection Committee meetings. Contact the staff person listed below at least 72 hours before the meeting.

Any disclosable public records related to an open session item on a regular meeting agenda and distributed by the County to a majority of members of the Public Protection Committee less than 96 hours prior to that meeting are available for public inspection at 651 Pine Street, 10th floor, during normal business hours.

Public comment may be submitted via electronic mail on agenda items at least one full work day prior to the published meeting time.

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DISTRIBUTION

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David Livingston, Sheriff-Coroner
Mike Casten, Undersheriff
Daryl Louder, Chief, Contra Costa County Fire Protection District
Hugh Henderson, Chief, East Contra Costa Fire Protection District
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Glossary of Acronyms, Abbreviations, and other Terms (in alphabetical order):

Contra Costa County has a policy of making limited use of acronyms, abbreviations, and industry-specific language in its Board of Supervisors meetings and written materials. Following is a list of commonly used language that may appear in oral presentations and written materials associated with Board meetings:

AB	Assembly Bill
ABAG	Association of Bay Area Governments
ACA	Assembly Constitutional Amendment
ADA	Americans with Disabilities Act of 1990
AFSCME	American Federation of State County and Municipal Employees
AICP	American Institute of Certified Planners
AIDS	Acquired Immunodeficiency Syndrome
ALUC	Airport Land Use Commission
AOD	Alcohol and Other Drugs
BAAQMD	Bay Area Air Quality Management District
BART	Bay Area Rapid Transit District
BCDC	Bay Conservation & Development Commission
BGO	Better Government Ordinance
BOS	Board of Supervisors
CALTRANS	California Department of Transportation
CalWIN	California Works Information Network
CalWORKS	California Work Opportunity and Responsibility to Kids
CAER	Community Awareness Emergency Response
CAO	County Administrative Officer or Office
CCHP	Contra Costa Health Plan
CCTA	Contra Costa Transportation Authority
CDBG	Community Development Block Grant
CEQA	California Environmental Quality Act
CIO	Chief Information Officer
COLA	Cost of living adjustment
ConFire	Contra Costa Consolidated Fire District
CPA	Certified Public Accountant
CPI	Consumer Price Index
CSA	County Service Area
CSAC	California State Association of Counties
CTC	California Transportation Commission
dba	doing business as
EBMUD	East Bay Municipal Utility District
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EMCC	Emergency Medical Care Committee
EMS	Emergency Medical Services
EPSDT	State Early Periodic Screening, Diagnosis and treatment Program (Mental Health)
et al.	et ali (and others)
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
F&HS	Family and Human Services Committee
First 5	First Five Children and Families Commission (Proposition 10)
FTE	Full Time Equivalent
FY	Fiscal Year
GHAD	Geologic Hazard Abatement District
GIS	Geographic Information System
HCD	(State Dept of) Housing & Community Development
HHS	Department of Health and Human Services
HIPAA	Health Insurance Portability and Accountability Act
HIV	Human Immunodeficiency Syndrome
HOV	High Occupancy Vehicle
HR	Human Resources
HUD	United States Department of Housing and Urban Development
Inc.	Incorporated
IOC	Internal Operations Committee
ISO	Industrial Safety Ordinance
JPA	Joint (exercise of) Powers Authority or Agreement
Lamorinda	Lafayette-Moraga-Orinda Area
LAFCo	Local Agency Formation Commission
LLC	Limited Liability Company
LLP	Limited Liability Partnership
Local 1	Public Employees Union Local 1
LVN	Licensed Vocational Nurse
MAC	Municipal Advisory Council
MBE	Minority Business Enterprise
M.D.	Medical Doctor
M.F.T.	Marriage and Family Therapist
MIS	Management Information System
MOE	Maintenance of Effort
MOU	Memorandum of Understanding
MTC	Metropolitan Transportation Commission
NACo	National Association of Counties
OB-GYN	Obstetrics and Gynecology
O.D.	Doctor of Optometry
OES-EOC	Office of Emergency Services-Emergency Operations Center
OSHA	Occupational Safety and Health Administration
Psy.D.	Doctor of Psychology
RDA	Redevelopment Agency
RFI	Request For Information
RFP	Request For Proposal
RFQ	Request For Qualifications
RN	Registered Nurse
SB	Senate Bill
SBE	Small Business Enterprise
SWAT	Southwest Area Transportation Committee
TRANSPAC	Transportation Partnership & Cooperation (Central)
TRANSPLAN	Transportation Planning Committee (East County)
TRE or TTE	Trustee
TWIC	Transportation, Water and Infrastructure Committee
VA	Department of Veterans Affairs
vs.	versus (against)
WAN	Wide Area Network
WBE	Women Business Enterprise
WCCTAC	West Contra Costa Transportation Advisory Committee

2012 PUBLIC PROTECTION COMMITTEE

STATUS REPORT ON THE SHERIFF'S CAPABILITY OF DISPATCHING WIRELESS 9-1-1 CALLS THROUGH SHERIFF'S DISPATCH

Background.

On December 14, 2010, the Board of Supervisors referred to the PPC the attached letter from the Emergency Medical Care Committee regarding the transmission of 9-1-1 emergency calls from cellular phones to the appropriate Public Safety Answering Point (PSAP). Our Committee met with representatives from the Office of the Sheriff on April 4, 2011 to discuss the status of establishing Sheriff's Dispatch as the PSAP for county unincorporated area wireless emergency calls.

Sheriff Department staff had advised that the County was not accepting wireless 9-1-1 calls. Staff explained that the GPS (global positioning system) technology exists to enable Sheriff's Dispatch to receive 9-1-1 system emergency calls from cellular phones and to locate the emergency location within some degree of precision. However, due to several years of tight budgets, Sheriff's Dispatch was not staffed at a level adequate to respond to the call volume associated with the wireless 9-1-1 calls, which are currently routed to the appropriate PSAP by the California Highway Patrol (CHP).

The PPC reported out to the Board of Supervisors on April 12, 2011 that while transferring responsibility for handling wireless 9-1-1 calls from the CHP to Sheriff's Dispatch would be more efficient and would improve response time, it was unlikely that the County would be in a position, fiscally, to assume this responsibility in the ensuing year with additional budget cuts looming. Therefore, the committee requested the Office of the Sheriff to provide a status report to the PPC in one year to advise if any outside funding becomes available to support such a transition of responsibility.

April 2, 2012

Attached is a status report prepared by the Office of the Sheriff on the process that has been initiated to make the partial or full transition of 9-1-1 dispatching from the CHP to the Sheriff a reality within funding constraints.

The Sheriff reports that if fully implemented, the call volume for Sheriff's Dispatch is projected to nearly double (from 56,000 calls to about 100,000 calls annually). Since the County can expect no additional outside revenue or other resources to support the increased call volume, the Sheriff is planning a phased implementation at a rate and call volume that current resources will permit. The phased implementation beginning with smaller carriers will provide the necessary experience and feedback to inform future implementation phases. New carriers will not be added unless the previous carrier can be effectively managed.

CONTRA COSTA COUNTY OFFICE OF THE SHERIFF

911 WIRELESS PROGRAM
STATUS REPORT

GALE BOWEN
CAPTAIN STEPHEN WARNE
MARCH 22, 2012

Contra Costa County Office of the Sheriff
911 Wireless Program

Background:

The Technical Services Division has been in the process of preparing to take direct wireless 911 calls into the Communications Center for the past few years. The Sheriff's Office is currently accepting wireless 911 calls that are transferred from other agencies. California Highway Patrol estimates the potential call volume increase to the Communications Center to be in the area of 80,000 per year. We have completed the review of the cell tower sectors throughout the County with CHP to determine which Public Safety Answering Point should receive calls in each sector. This process was completed in December of 2010. In January of 2011 the Sheriff's Office Communications Unit drafted the policy for wireless 911 call processing.

Over the past year we have been working with CHP to develop a plan that would allow the Sheriff's Communications Center to accept wireless 911 calls on a carrier by carrier basis, beginning with smaller carriers. In February this year, it was decided to move forward with the project. CHP was notified to begin the implementation process. Metro PCS was selected as the first carrier to cut over. They were advised on February 15, 2015. CHP estimates 3 to 6 months before we take our first direct wireless 911 calls from Metro PCS.

Implementation Process:

- When advised by CHP, each cellular carrier will develop a map layer and build 911 trunks to the selective router. The cellular carrier has 90 days to complete this process. In order to expedite full implementation, we have instructed all carriers to begin this work immediately.

- The carriers will provide routing sheets for each cell sector based on the map layer developed. We will review this data with CHP to finalize call routing. The majority of cell sectors have already been reviewed. The only sectors that will be reevaluated are any new sectors or areas where the direction of the antenna has changed.

- Once all of the cell sectors have been reviewed and approved, carriers will begin the cutover and testing process. This process requires a cellular technician to drive the area covered by each cell sector, change the routing for that tower, and place a 911 test call. Once the test call is determined to be successful all future 911 calls from that sector will route to Sheriff's Office Communications.

This process will be repeated for all of the cellular carriers (Metro PCS, T-Mobile, Sprint, Verizon, and AT&T). The Office of the Sheriff will be in full control of the entire process. We will evaluate call volume after each implementation and add additional carriers based on this evaluation. It is difficult to predict how long the project may take, but it is anticipated the entire project will take anywhere from 12 to 24 months from start through completion, provided that all the testing work proves satisfactory and we are able to maintain acceptable performance with the additional call load.

Attachments:

1. California Highway Patrol Review Study 2009 (The most current available)
2. 2011 Call Volumes (All lines)

Contra Costa County Sheriff

Review Period January 1, 2008 - May 31, 2009 17 Months

Total Sectors Reviewed	597

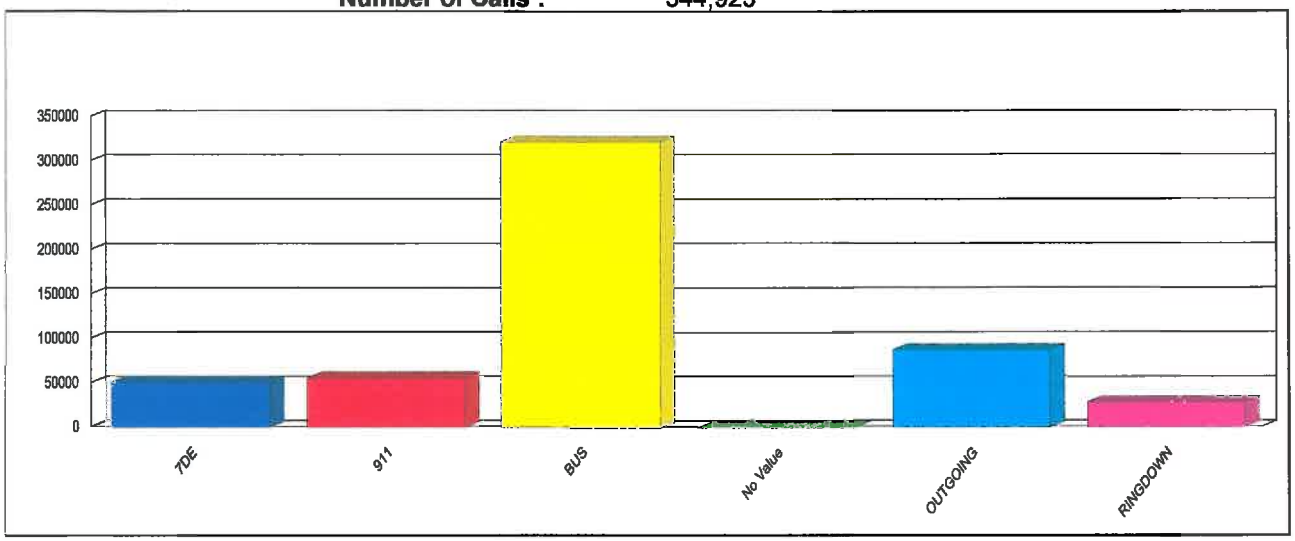
Wireless Service Provider	Sectors Reviewed	Sectors To Cut	Total Call Volume	Current Call Volume Transferred	Total Increased Call Volume	Increased Call Volume by Month	Increased Call Volume by Day	Increased Call Volume by Hour
ATT	189	90	36,363	7,413	28,950	1,703	57	2.37
MetroPCS	100	50	18,259	6,932	11,327	666	22	0.93
Sprint	36	12	962	215	747	44	5	0.21
Tmobl	166	78	12,798	2,531	10,267	604	20	0.84
Verizon	106	38	13,137	3,173	9,964	586	20	0.81
Total	**597**	**268**	**81,519**	**20,264**	**61,255**	**3,603**	**124**	**5.15**
		61.8%		24.9%				
Total with 10% increase per year			98,637.99	24,519.44	74,118.55	4,359.91	149.61	6.23

CHP anticipates a 10% increase per year. The #'s reflect an increase over a 2 year period, as data collection ended 5/09.

Call Volume per Line Group

Report Period : 1/1/2011 12:00:00 AM To 12/31/2011 11:59:59 PM

Last Data Transfer : 1/5/2012 11:01:27 AM
Line Groups [=] : 7 Digit Emergency,911,Business,Outgoing,Ringdown
Call Types : Incoming, Outgoing, Abandoned
Number of Calls : 544,923



Line Group	Incoming	Outgoing	Number of Calls	rcentage (%)
911	55,908	87	55,995	10.28
7 Digit Emergency	51,405	137	51,542	9.46
Business	318,408	3,186	321,594	59.02
Outgoing	2,757	84,688	87,445	16.05
Ringdown	14,858	13,489	28,347	5.20
	443,336	**101,587**	**544,923**	**100.00**

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EMERGENCY MEDICAL CARE COMMITTEE
CONTRA COSTA COUNTY

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RECEIVED
NOV 29 2010
CLERK BOARD OF SUPERVISORS
CONTRA COSTA CO.

November 22, 2010

The Honorable John M. Gioia, Chair
Contra Costa County Board of Supervisors
651 Pine Street
Martinez, CA 94553

Dear Supervisor Gioia and Members of the Board:

This letter is to urge your Board's continuing support for maintaining the countywide 9-1-1 system at a state-of-the-art level. At a recent meeting of your Emergency Medical Care Committee, we learned that implementation of recent technological changes enabling cellular 9-1-1 callers to be connected directly with the appropriate local Public Safety Answering Point (PSAP) has been completed for the Sheriff's Communication Center and for most city PSAP's in Contra Costa.

Previously, all cellular 9-1-1 calls were initially directed to a single California Highway Patrol (CHP) PSAP in Vallejo. This plan made since in the early days of cellular telephone when most calls were placed from automobiles and when the location of cellular callers could not be identified. The explosive growth in cellular telephone usage overwhelmed the CHP answering point to the extent that it was not uncommon for callers at certain times of day to be placed on hold for extensive periods. New technology now enables most cellular telephone calls to be located with some precision so that the call can be automatically routed to the PSAP for the jurisdiction in which the call is placed.

Technology in the telephone communications field is continuing to advance at a rapid pace. Along with technological advances are changes in the culture of telephone use such as text messaging and video transmission. The 9-1-1 system is the vital link between the public and the public safety emergency response system. Our goal is to assure that 9-1-1 services throughout Contra Costa County provide efficient, time sensitive, and user-friendly access to appropriate emergency response.

Sincerely,

Kacey Hansen, RN

Kacey Hansen, Chair

cc: Each Member of the Board of Supervisors
Emergency Medical Care Committee members
Clerk of the Board
Sheriff Warren Rupf
William B. Walker, MD, Health Services Director
Art Lathrop, EMS Director

Contra Costa Emergency Medical Services Agency
1340 Arnold Drive, Suite 126, Martinez CA 94553-1631
Phone (925) 646-4690 Fax (925) 646-4379

CC: BOS
BGD
CAO

2012 PUBLIC PROTECTION COMMITTEE

UPDATE ON STATE PUBLIC SAFETY REALIGNMENT

The County Probation Officer, as Chair of the Community Corrections Partnership Executive Committee, will make an oral report on County's experience with realignment since the October 1, 2011 implementation.

Background

The California Legislature passed the Public Safety Realignment Act (Assembly Bills 109), which transferred responsibility for supervising specific low-level inmates and parolees from the California Department of Corrections and Rehabilitation (CDCR) to counties. Assembly Bill 109 (AB 109) took effect on October 1, 2011 and realigned three major areas of the criminal justice system. On a prospective basis, the legislation:

- Transferred the location of incarceration for lower-level offenders (specified non-violent, non-serious, non-sex offenders) from state prison to local county jail and provides for an expanded role for post-release supervision for these offenders;
- Transferred responsibility for post-release supervision of lower-level offenders (those released from prison after having served a sentence for a non-violent, non-serious, and non-sex offense) from the state to the county level by creating a new category of supervision called Post-Release Community Supervision (PRCS);
- Transferred the custody responsibility for parole and PRCS revocations to local jail, administered by county sheriffs

AB 109 also tasked the local Community Corrections Partnership (CCP) with recommending to the County Board of Supervisors a plan for implementing the criminal justice realignment, which shall be deemed accepted by the Board unless rejected by a 4/5th vote. The Executive Committee of the CCP is composed of the County Probation Officer (Chair), Sheriff-Coroner, a Chief of Police (represented by the Richmond Police Chief), District Attorney, Public Defender, Presiding Judge of the Superior Court or designee, and Health Director as agreed by the County Administrative Officer.

On October 4, 2011, the Board of Supervisors approved the CCP Realignment Implementation Plan and the CCP Executive Committee has been meeting monthly to monitor the plan and state revenue distributions, and formulate recommendations, if necessary, for plan adjustments.

The PPC received a status report in December 2011 and requested that an update be made in the spring of 2012. County Probation Officer and Community Corrections Partnership Chairman Philip Kader will present an oral status report.