Washington Military Department Emergency Management Division	Effective Date: July 1, 2009 **E911 PUBLIC SAFETY ANSWERING POINT (PSAP) MAPPING SUPPORT POLICY** **Cancels all previous E911 PSAP Mapping Support Policies** **See Also:** WAC 118-66-050 E911 County Contract Policy E911 County Regionalization Policy E911 Washington State Patrol Policy E911 Training Policy

PUBLIC SAFETY ANSWERING POINT MAPPING SUPPORT POLICY

This policy applies to all Washington State counties eligible for the Operations Section of the County Contract.

Public Safety Answering Point (PSAP) mapping to support Enhanced E911 (E911) emergency telephone service in accordance with WAC 118-66- 050 is eligible for reimbursement as an E911 expense.

1. Background

a. "E911 mapping administration" shall mean personnel, hardware, and software essential to create and maintain wireline and wireless map data, and to display the data on a PSAP call answering position. As such, these expenses may be eligible for reimbursement from E911 account funds generated under the statewide wireline E911 excise tax (RCW 82.14B.030(3)) and from E911 account funds generated under the statewide wireless E911 excise tax (RCW 82.14B.030(4)).

b. Prior to approval of this policy, the State E911 Office had reimbursed for wireless specific PSAP hardware and software mapping maintenance, E911 mapping administration, and E911 mapping displays that supported PSAP E911 equipment.

2. Analysis

a. Wireless calls come into the PSAP as either a Phase I or Phase II call. Phase II calls provide the PSAP a longitude and latitude (X, Y) coordinate pair as part of the Automatic Location Identification. Cellular telephones, Automatic Vehicle Location systems, Automatic Crash Notification systems, and other sources will be providing information to PSAPs using geographic (X, Y) location information.

b. The ability to understand how geographic coordinates relate to a physical location is critical in providing proper emergency response. Locating wireless devices depends on

having accurate, current, and complete geographic data. The geographic data usually resides in a Geographic Information System (GIS). The wireless service provider will send geographic (X, Y) coordinates with a Phase II wireless E911 call. GIS technology can display these coordinates, along with streets and other information, on a map display. Having GIS technology integrated into the premise equipment allows for quick and effective location of wireless and wireline E911 calls.

3. Decision

a. The State E911 Office will reimburse eligible county PSAPs for mapping related expenses (and should be claimed under line item S2) under the following categories as defined in the E911 County Contract Policy Reimbursement Schedule:
   1. PSAP Mapping Administration E911 hardware and software used by the Mapping Administrator to manage the mapping data is limited to $7,000 per contract period with a three-year life cycle for computers and/or laptops.
   2. Maintenance cost shall not exceed 10 percent of the approved purchase price and should be claimed under line item S2.1. Maintenance funds may be used for agreements with vendors, time and materials and/or salaries for internal employee to maintain equipment. Maintenance funds may also be used for training internal employees to maintain equipment. Maintenance funds may be used to purchase spare parts.
   3. Mapping Display Equipment (monitor) is limited to $500, including shipping, handling and installation per PSAP E911 call receiver position and with a three-year life cycle and should be claimed under line item B6.
   4. A one-time purchase of a required migration to new mapping platform or software is limited to $15,000 per PSAP with prior approval from the State E911 Office and should be claimed under line item S2.2.

b. The requested amount must be reasonable, prudent, and applicable to E911. Prior to purchasing or leasing the equipment, county must submit a written quote including shipping, handling, taxes, and installation charges to the State E911 Office for review and approval. Without prior written approval the purchase or lease may not be eligible for reimbursement by the State E911 Office.

4. Moratorium

In order for the State Office to complete the necessary adjustments for the Mid-Year review, a moratorium will be in place from **March 1** through **June 30**. During this moratorium, no equipment requests will be processed.

In the event of an emergency, an exception will be made on a case by case basis.

Approved by: 9/22/09
Robert Oenning, State E911 Administrator