

Pierce County Comprehensive Emergency Support Plan

Pierce County Comprehensive Emergency Support Plan: Cell, CEMNET, South Sound 911 and ARES

<https://www.piercecountywa.gov/943/Emergency-Planning>

<https://www.piercecountywa.gov/DocumentCenter/View/89947/ESF-2Communications>

From ECF#2 of plan:

7. The following are capabilities that help manage response organizations on scene, emergency coordination centers, establish and maintain a common operating picture, and overcome communications shortfalls with the use of alternative methods.
 - a. The Comprehensive Emergency Management Network (CEMNET) is a two-way low band radio system for backup direction and control for emergency managers located in the EOC radio room.
 - b. The county uses a 700MHz TDMA Phase 2, VHF 410, VHF Overlay Mutual Aid radio network for regular emergency dispatch (South Sound 9-1-1) and all hazards response for first responders. It is a comprehensive radio system with redundant safeguards.
 - ✓ c. ARES/RACES amateur radio communications systems located in the EOC can provide backup and supplemental communications to all major hospitals, American Red Cross, fire stations, EOCs located in small cities and towns and other jurisdictions in Pierce County and the State EOC and regional EOCs. ARES is the lead organization in Pierce County for Amateur Radio Emergency Communications. Methods of communications will primarily be by voice and digital data/ Amateur high frequency (HF) communications will allow voice and digital/data links to be established and maintained between regional and national partners and response agencies.

1. CemNet : Backup HF system (45.36 Mhz) that links statewide EOCs. Test: Tues, 0900 hours

<https://mil.wa.gov/emergency-management-radio-systems-comprehensive-emergency-management-network-cemnet>

2. South Sound 911: Primary first responder (Fire, Police, Medical)

- A P25 Phase 2 TDMA 700MHz Motorola trunked radio system with 21 sites, 38 channels
- A county-wide 11 site simulcast "VHF Overlay" network designed to provide paging, station alerting, and mutual aid communication with outside agency first responders.

a. 700 MHz Network P25 Phase 2 Trunked System

WEST PIERCE FIRECOMM - BRAVO TALKGROUPS - TACOMA/PUYALLUP PSRS

Bravo 1 = Dispatch (US Digital Automated)

Bravo 2 = General Aid Calls/Single Unit Responses

Bravo 3 = Overflow for Bravo 2

Bravo 4 = Major Medical Call 1

Bravo 5 = Major Medical Call 2

Bravo 6 = Structure Fire 1

Bravo 7 = Structure Fire 2

Bravo 8 = Structure Fire 3

Bravo 9 = Events 1

Bravo 10 = Events 2

Agencies: West Pierce Fire & Rescue, DuPont Fire, Browns Point Fire, Riverside Fire, Central Pierce Fire & Rescue, East Pierce Fire & Rescue, Graham Fire & Rescue, and Anderson Island Fire.

b. A county-wide "VHF Overlay" network designed to provide paging, station alerting, and mutual aid communication with outside agency first responders.

VHF Overlay Network Users

- Law Enforcement:**
 - Bonney Lake Police Department
 - Buckley Police Department
 - Eatonville Police Department
 - Fife Police Department
 - Fircrest Police Department
 - Gig Harbor Police Department
 - Lakewood Police Department
 - Milton Police Department
 - Orting Police Department
 - Pierce County Corrections
 - Pierce County Sheriff Office
 - Pierce Transit Public Safety
 - Port of Tacoma
 - Puyallup Police Department
 - Regional Aviation
 - Roy Police Department
 - Ruston Police Department
 - South Sound Dispatch 35th Street
 - South Sound Records
 - Sumner Police Department
 - Tacoma Police Department
- Mutual Aid:**
 - All Public Schools in Pierce County
 - Boeing Frederickson
 - Federal Bureau of Investigations
 - JBLM
 - King County Sheriff
 - National Parks
 - Regional Aviation
 - Schools
 - Search and Rescue
 - Seattle Police Department
 - Snohomish County Sheriff
 - WA State Dept. of Corrections
 - WA State Fish and Wildlife
 - WA State Gambling Commission
- General Government:**
 - Emergency Management
- Partners:**
 - Washington State Patrol
- Fire:**
 - Buckley Fire Department
 - Fire Marshal
 - PCFD #13 (Browns Point)
 - PCFD #16 (Key Penn)
 - PCFD #17 (South Pierce Fire and Rescue)
 - PCFD #18 (Orting)
 - PCFD #21 (Graham)
 - PCFD #22 (East Pierce Fire and Rescue)
 - PCFD #23 (Ashford/Elbe)
 - ✓PCFD #27 (Anderson Island)
 - PCFD #3 (West Pierce Fire & Rescue)
 - PCFD #43 (Eatonville)
 - PCFD #5 (Gig Harbor)
 - PCFD #6 (Central Pierce Fire & Rescue)
 - South Sound Dispatch Puyallup
 - Tacoma Fire Department

CCN logo

