

## ARES Training Dupont EOC

### District Wide Training Mission:



**Western Washington Section  
District 5, Pierce County  
Amateur Radio Emergency Service (ARES)  
WWW.PIERCECOUNTYARES.NET**

### **July 31<sup>st</sup>, 2021 – District 5 EOC to EOC Exercise**

**Exercise Date and Time:** July 31, 2021, 0900\*-1230 or until complete

*\*0730 – until complete for some players*

**Exercise Name:** Summer Heat II

**Mission Number:** 21-T-1144

#### **Scenario:**

After weeks of high temperatures and no precipitation, the draw from the power grid has caused brownouts and power outages throughout the region. Reports of wildfires caused by vegetation contact, downed lines and conductor slap resulting from heat expansion, and isolated cases of ground arcing due to high particulate content in the air have occurred in Washington, Oregon, and California. Regional cell phone service has been interrupted, causing widespread failures within the 911 system. With continuing higher temperatures predicted, our served agencies have asked ARES members to activate until services are restored.

#### **Exercise Objectives:**

1. Test equipment and infrastructure by sending traffic and reports by voice and data throughout the exercise
2. Test Team/Operator training proficiency by exercising continuity of operations (home-based and deployed operations).
3. Test digital traffic infrastructure and skills using winlink through peer to peer (P2P), gateways, and digipeaters
4. Develop and refine Team-level tactics, techniques, and procedures to submit all routine reporting requirements (ICS-205, Activation Report, SITREP, Demobilization Report, EMD-078, and Hot Wash Summaries)
5. Test tactics, techniques, and procedures for deploying personnel and resources to support served agencies

## INCIDENT BRIEFING (ICS 201)

|   |   |   |
|---|---|---|
| <b>1. Incident Name:</b><br>Sequalitchew Creek Slide                                | <b>2. Incident Number:</b><br>21-T-1144 | <b>3. Date/Time Initiated:</b><br>Date: 7/30/2021 Time: 2300L |
| <b>4. Map/Sketch</b>  |   |   |
|  |   |   |

|  |   |
|--|---|
| <b>5. Situation Summary and Health and Safety Briefing:</b>  |   |
| At 2205L on 30 July 21, a portion of the CalPortland ready mix plant containment wall subsided across the BNSF main rail line, approximately 1.2 miles north-north-west of the DuPont City Hall near the Sequalitchew Creek trail. At 2220L a BNSF train carrying cargo and hazardous materials struck the landslide and derailed along and into Puget Sound.  |   |
| <ul style="list-style-type: none"> <li>- Landslide across the BNSF main rail line: approximately 30 of the 82 rail cars have derailed with 10 DOT-117R HAZMAT cars containing Ethanol have been identified in the derailment on land and in Puget Sound</li> <li>- Currently no airborne Hazardous Materials threats have been confirmed that would necessitate an evacuation, and monitoring equipment has been established</li> <li>- Heavy equipment access is limited to a dedicated route through the CalPortland plant</li> <li>- Currently operating in Unified Command with: Pierce County Incident Management Team (IMT), Pierce County Hazardous Incident Team (HIT), City of Dupont Police and Fire departments, West Pierce Fire and Rescue, WADOT, U.S. Coast Guard (USCG), BNSF; LNOs have been provided by CalPortland, Amtrak, and Sound Transit</li> <li>- Representatives from the National Transportation Safety Board (NTSB) and Environmental Protection Agency (EPA) are expected by 1200L 7/31/2021.</li> </ul> |   |
| <b>Weather Forecast (next 24 hours):</b>   | *** See attached Safety Brief (ICS-208/215) *** |
| <b>6. Prepared by:</b> Name: <u>Patrick Niles, N7SOI</u> Position/Title: <u>District Training</u> Signature: <u>//Signed//</u>   |   |
| <b>ICS 201, Page 1</b>   | Date/Time: <u>07/30/2021 2300 Local</u>         |

## INCIDENT BRIEFING (ICS 201)

|   |  |  |
|---|--|--|
| <b>1. Incident Name:</b><br>Sequalitchew Creek Landslide  | <b>2. Incident Number:</b><br>21-T-1144  | <b>3. Date/Time Initiated:</b><br>Date: 07/30/2021 Time: 2300L |
| <b>7. Current and Planned Objectives:</b>   |  |  |
| <ol style="list-style-type: none"> <li>1) Determine the need to evacuate portions of Anderson Island, Ketron Island, McNeil Island, Fox Island, Steilacoom, Lakewood, and University Place based on HAZMAT monitoring and ALOHA modeling</li> <li>2) Extinguish Fires and ascertain residual HAZMAT involvement</li> <li>3) Recover victims within 2 hours of all-clear.</li> <li>4) Establish MACC systems including operational communications no later than 0900L 7/31/2021.</li> <li>5) Conduct a thorough reconnaissance to identify HAZMAT contamination or potential contamination no later than 1000L 7/31/2021.</li> <li>6) Improve the access route to allow two-way heavy resource access no later than 1300L.</li> <li>7) Identify and request resources needed to contain potential hazardous materials release, debris removal, and preparation for repair and recovery.</li> </ol> |  |  |
| <b>8. Current and Planned Actions, Strategies, and Tactics:</b>   |  |  |
| Time:   | Actions:   |  |
| 2300L   | HAZMAT monitoring stations established   |  |
| TBD   | Technical Rescue Resources begin extrication of Locomotive crew  |  |
| 0600L   | 2 <sup>nd</sup> Operational period initial brief   |  |
| 0700L   | PC HIT begins secondary HAZMAT reconnaissance  |  |
| 0800L   | PC IMT establishes the staging area for incoming and outgoing resources  |  |
| 0800L   | AUXCOMM initial brief  |  |
| 0900-0930L  | Operational Communications established: Digital and Voice stations occupied (NLT 0900); ICS-205 submitted to the COML for verification and submission to PCEOC (NLT 0900); Participate in the District 5 Resource NET (0900); initial Activation Report submitted (NLT 0930) |  |
| 0945L   | Initial resource requests identified and initiated   |  |

## Summary: Central/South Teams Activation to Dupont EOC

**Date:** July 31, 2021

**Received ARES Activation Notice:** 7pm July 30, 6:30 am July 31 via PCARES text message

1. 7 am: Checked into Central Team PC-18S net for status, ETA(Used mobile radio). Once arrived at Dupont EOC, check back into NCS with arrival status and mileage.

2. Safety briefing, Dupont EOC 8am

3. Training briefing: ICS-205 band plan, team assignments

4. Team members: Go Kit setup up, Antenna setup

5. ARES Team:

Auxcomm Manager: Garrett, KB7IOG

### **Radio Ops:**

a) District 5 primary Tactical Net interface PC-1S (1 OP)

b) Traffic Nets, PC-3S , PC-4S and PC-5S (1 OP \*\*K7RUT)

c) Winlink 9600 baud packet (2 OPS)



Central/South ARES Teams: Dupont EOC



Traffic Net Station GoKit + N7SO1 Comms Kits



PC-3S, PC-4S, PC-5S Traffic Comms Station

### **Exercise Task Timeline**

- Approx 8:20 am, each team member setup GoKit, ran coax, setup up antenna's on tripods.
- Antenna's: Four, dual band verticals + one 70 cm Yagi (dedicated to winlink station)
- "Mad rush" to get stations functional by 0900 for District PC-1S net check in.
- Primary and Traffic net stations manned and ready by 0900.
- Winlink had initial connectivity issues from Dupont. Operational by approx 0920
- District wide check-ins on PC-1S proceeded at 0900, home operator teams were moved to designated subnets.
- District assigned PC-3S for Dupont EOC primary voice traffic net
- After some initial training, began receiving and sending voice traffic (See ICS-213 example) around 10 am
- From Dupont EOC we had poor communication on PC-3S. After two traffic messages sent with difficulty, District moved voice traffic to PC-5S (220 MHz)
- Continued to send/receive voice traffic till approx 11:30am
- Voice traffic comm net was closed at approx 11:45 am
- Equipment pack up complete 12:30 pm
- Debrief (Hot Wash), exercise discussion

1050

**FM Voice**  
**GENERAL MESSAGE (ICS 213)**

Admin Data:  
MSEL #: 27  
MSEL Message: PCIMT-18  
Mode: FM VOICE

|  |                              |                          |
|--|------------------------------|--------------------------|
| <b>1. Incident Name (Optional):</b> Sequallitchev Creek Landslide 21-T-1144  |                              |                          |
| <b>2. To (Name and Position):</b> Pierce County EOC, Operations Section Chief  |                              |                          |
| <b>3. From (Name and Position):</b> PCIMT, Operations Section Chief  |                              |                          |
| <b>4. Subject:</b><br>PCSD fixed wing photo and video support  | <b>5. Date:</b><br>7/31/2021 | <b>6. Time:</b><br>1045L |
| <b>7. Message:</b><br>Exercise - Exercise - Exercise<br><br>Please coordinate with PCSD Air Operations to conduct an aerial photograph and real-time video down-link flight to survey the current conditions between 1400 and 1600L. Request 30 minutes of play time over the incident. Please confirm coordination.<br><br>Exercise - Exercise - Exercise |                              |                          |
| <b>8. Approved by:</b> Name: <u>Michael Leonard</u> Signature:  Position/Title: <u>Ops. Section Chief</u>  |                              |                          |
| <b>9. Reply:</b>   |                              |                          |
| <b>10. Replied by:</b> Name: _____ Position/Title: _____ Signature: _____  |                              |                          |
| <b>ICS 213</b>   | Date/Time: _____             |                          |

Voice message example, Dupont exercise  
Sent on PC-3S traffic net

Sending voice message over traffic net:

1. Block 7 message content into word groups of 5

| GENERAL MESSAGE (ICS 213)  |  |  | Mode:                 | FM VOICE         |
|--|--|--|-----------------------|------------------|
| 1. Incident Name (Optional): Sequelitchew Creek Landslide 21-T-1144  |  |  |                       |                  |
| 2. To (Name and Position): Pierce County EOC, Operations Section Chief   |  |  |                       |                  |
| 3. From (Name and Position): PCIMT, Operations Section Chief   |  |  |                       |                  |
| 4. Subject:<br>PCSD fixed wing photo and video support   |  |  | 5. Date:<br>7/31/2021 | 6. Time<br>1045L |
| 7. Message:<br>Exercise - Exercise - Exercise<br><br>Please coordinate with PCSD Air/Operations to conduct an aerial/photograph and real-time video down-link/flight to survey the current conditions between 1400 and 1600L. Request 30 minutes of play/time over the incident. Please confirm coordination. / 31<br><br>Exercise - Exercise - Exercise |  |  |                       |                  |

2. Sum # of words for total count

3. Contact District 5 EOC on voice net: "Pierce county EOC this is Dupont MACC. Prepare to copy ICS-213"

4. PCEOC "Ready"

5. Dupont: "Line 1, Sequelitchew Creek Landslide 21-T-1144, Sierra, Echo, Quebec, Uniform, Alpha, Lima,...."

6. PCEOC "Good Copy"

7. Dupont: "Line 2 Pierce County EOC Operations Chief"

8. PCEOC "Good Copy"

9. Dupont: "Line 3 PCIMT thats Papa Charlie India Mike Tango comma Operations Chief"

10. PCEOC: "Good Copy"

11. Dupont: "Line 4 PCSD thats Papa Charlie Sierra Delta fixed wing photo and video support"

12. PCEOC: "Good Copy"

13. Dupont: "Line 5 7/31/2021"

14. PCEOC: "Good Copy"

15. Dupont: "Line 6 1045 Lima"

16. PCEOC: "Good Copy"

13. Dupont: "Prepare for Block 7"

14. PCEOC: "Ready"

15. Dupont "Line 1 Please coordinate with PCSD thats Papa Charlie Sierra Delta Air thats Alpha India Romeo"

16. PCEOC: Good Copy

17. Dupont: Proceed to read rest of Block 7 in groups of 5 words

18. Dupont: Line 8 info: Approved by, Position

19. PCEOC will then read back message and provide word count = 37

20. Dupont: "Good copy and concur word count 37"

***Last task: Team Hot Wash discussion***

At end of exercise, team meets with training coordinator for debrief. See document for hot wash summary (pdf, Aug1, 2021 by Patrick Niles, N0SOI, District Training Coordinator)



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District 5, Pierce County  
Amateur Radio Emergency Service (ARES)  
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**MEMORANDUM FOR: District Emergency Coordinator**

**1 August 2021**

**SUBJECT: Central Pierce Team, 31 July 2021, E2E Hot Wash summary**

**1) Purpose:**

This document outlines the facilitator's notes taken during the Central Pierce ARES Team's Hot Wash immediately after the 31 July 2021 EOC to EOC (E2E) and Emergency Deployment Readiness Exercise (EDRE) Functional Exercise (FE).

**2) Personnel in attendance:**

- a) ACM, Garrett Pessemier, KB7IOG, Central Team EC
- b) THSP, Bob Jimerson, KI7KSD, East Team RADO
- c) THSP, Brian Ramey, K7RUT, Central Team RADO
- d) THSP, Gary Stiles, KF7TPB, South Team RADO
- e) THSP, Richard Crow, KJ7SVM, South Team RADO
- f) Facilitator/COML, Patrick Niles, N7SOI, District Training Officer

**3) Hot Wash format used:**

- a) Situation (exercise scenario)
- b) Player intent (what was the/our plan)
- c) Exercise intent (what was the intent/anticipated outcome of the exercise)
- d) Timeline exploration/guided discussion (what happened)
- e) Player Feedback to identify:
  - Areas of strength (Sustains)
  - Areas for improvement (Improves)