

# 2015 2nd Annual National Joint Tribal Emergency Management Conference

*in Partnership with*

Northwest Tribal Emergency Management Council (Host and 12<sup>th</sup> Annual Event)  
National Tribal Emergency Management Council  
National Congress of American Indians  
United South & Eastern Tribes  
Affiliated Tribes of the Northwest Indians  
Montana Indian Nation Working Group  
United Tribes of Michigan  
Alaska Inter-Tribal Council  
National Joint Powers Alliance



**Hosted by the Kalispel Indian Tribe  
Northern Quest Resort and Casino  
Spokane, Washington  
August 12<sup>th</sup> – 14<sup>th</sup>, 2015**

## **Tuesday, August 11<sup>th</sup>, 2015**

6:00 p.m. – 8:00 p.m. Early bird registration

## **Wednesday, August 12<sup>th</sup>, 2015**

8:00 a.m. – 9:00 a.m. Registration

9:00a.m. – 5:00 p.m. General Sessions, Information Kiosks and Vendors **-EVENT CENTER**

This year's conference will kick off all events in the Main Event Center. Our conference will have a resounding theme as this year's events will be built around "Education, Training and Interactive Roundtables." Come and let your voice be heard. Our Main Event this year will allow participants to interact directly with our Tribal, Federal, State and Local partners. Please join us in the Event Center for all General sessions as well as visit kiosks that will provide you the opportunity to find Grants, Resources, and Information that will assist you with developing, enhancing and further building your program's capacity and capabilities. Event Center Map and Kiosk locations can be found in your registration packet.

9:00a.m. – 9:15 a.m. Welcome- Chairperson of the Kalispel Nation  
▲ Tribal Welcome – (Kalispel Indian Tribe)  
▲ Colors  
▲ Opening Prayer – Drum and Song by the Frog Island Drum

9:15 a.m. – 9:30 a.m. "Welcome to the 12th Annual National Tribal Emergency Management Conference" -Claude Cox, (Spokane Tribal Member) Chairman of the Northwest Tribal Emergency Management Council and Chief of Police for the Sauk-Suiattle Tribe

9:30 a.m. – 10:00 a.m. "NTEMC Second Year in Review" - Ken Choke, (Nisqually Tribal Member) Chairman of the National Tribal Emergency Management Council Committee and Executive Staff and Emergency Manager for the Nisqually Indian Tribe -

**10:00 a.m. – 10:15 a.m.** Morning Break (coffee, morning snacks)

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- 10:15 a.m. – 11:00 a.m. “Best Practices in Tribal Emergency Management, A look at the Shoshone-Bannock Tribes’ Public Safety Program” - Wes Jones, Department of Public Safety, Shoshone-Bannock Tribes
- 11:00 a.m. – 11:20 a.m. Ken Murphy, Administrator, Office of Intergovernmental Affairs, US Department of Homeland Security
- 11:20 a.m. – 11:40 a.m. “FEMA Headquarters - A Year in Review” Milo Booth, FEMA, National Tribal Affairs Advisor
- 11:40 a.m. – 12:00 p.m. Richard Flores, Director, Legislative Affairs and Tribal Relations, National Tribal Emergency Management Council
- 12:00 p.m. – 1:00 p.m. **Lunch - Visit Information Kiosks, Vendors and Outdoor Displays**

## Let Your Appetite Roam.



Northern Quest houses fourteen restaurants and lounges perfectly suited for any occasion or appetite. At the top of the list is Masselow's, Spokane's only AAA Four Diamond restaurant. The fare is elegant Northwest Cuisine inspired by the culture of the Kalispel Tribe. For casual food done right, we have traditional eateries and diners as well as ethnic ones with everything from pasta to potstickers. A sports bar with a 30'x10' HDTV (EPIC, formerly The Q), the area's only premier cigar lounge (Legends of Fire) and a trendy nightclubs (Impulse & Studio E) are guaranteed hits for a guys', girls' or couples' night out.

### Dining Options at Northern Quest Casino:

- ❖ *Masselow's (AAA Four Diamond Rated Fine Dining)*
- ❖ *EPIC (Larger than life sports bar & grill)*
- ❖ *Fai's Noodle House (Chinese and Vietnamese Entrees)*
- ❖ *River's Edge Buffet (More than 100 Items Nightly)*
- ❖ *Fatburger (Delicious burgers made fresh to order, hand battered onion rings, ice-cream shakes)*
- ❖ *Villa Fresh Italian Kitchen (Italian Entrees & Pizza)*
- ❖ *Marketplace (Convenience items, snacks, espresso, wine, snacks, soups)*

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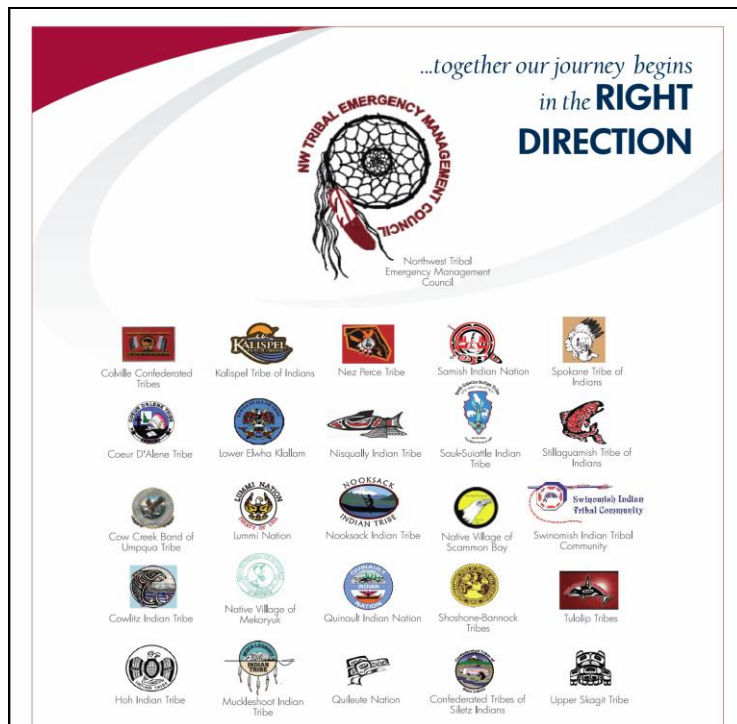
**Wednesday, August 12<sup>th</sup>, 2015**

## GENERAL SESSIONS in the EVENT CENTER

- |                       |  |
|-----------------------|--|
| 1:00 p.m. – 2:50 p.m. | “FEMA 101: A discussion of the disaster declaration process followed by a Question and Answer Session” – Milo Booth, National Tribal Affairs Advisor   |
| 3:00 p.m. – 4:00 p.m. | “Fireside Chat- Meet our State and Federal Partners” - Tribal Leaders and Distinguished Invited Guests will have an opportunity to learn more about one another in an informational session  |
| 4:00 p.m. – 5:00 pm   | “Meet our Sponsors” – You asked and we listened! Our attendees have stated that they find great value added in having time to meet, network with, and develop ongoing relationships with the many vendors and sponsors that we bring to the conference. This year, we have built in this time slot for you to visit with these very important partners and learn more about who they are and what they have to offer for your program. |

*The Northwest and National Tribal Emergency Management Councils welcome the all of the conference sponsors, vendors, speakers, presenters and friends to our Emergency Management Family. Without your help and your support, this event would not have been possible. With sincerest gratitude for what you do, we thank each of you. We invite you to join us for years to come and look forward to our ongoing efforts in Indian Country.*

*Board of Directors  
NWTEMC - NTEMC*



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**Wednesday, August 12<sup>th</sup>, 2015**

## **BREAKOUT SESSIONS in the KALISPEL ROOMS**

	<b>Kalispel A</b>	<b>Kalispel B</b>	<b>Kalispel North</b>	<b>Kalispel South</b>
<b>1:30 – 2:00</b>	This half hour slot has been reserved for those that would like to take a live tour of the National Weather Service facility located within five minutes of the beautiful Northern Quest Hotel. Transportation will be provided and will leave from the main lobby of the hotel.			
<b>2:00 – 2:50</b>	“Tribal CERT” – Discussion to be led by Sundown, Colville Nation CERT Coordinator	“U.S. DOT” – Victoria Lehman	“PIO’s – Critical Message Management Operations ” -Chelsea Nied, Resilience Officer, NTEMC	“ICIN – Indian Country Intelligence Network” – Nathan Nixon
<b>3:00 – 3:50</b>	“Amateur Radio Station for your Tribe: Why your Tribe Needs both VHF/UHF and HF Radios” - Steve Aberle, WA7PTM, ARES Official Emergency Station	“Human Services and Disasters” – Cathy Adams-Bomar, Administrator, Region X, Administration for Children and Family Services	“Introduction to CAMEO, a free software program for use with planning for Hazardous Materials.” – Al Finkelstein and Elisa Roper, Tribal Liaison, FEMA Region IV	“National Weather Service” – Vernon Preston and Charlie Woodrum, A Tour of the National Weather Service Facility will be offered daily. Transportation will be provided.
<b>3:30 – 4:00</b>	This half hour slot has been reserved for those that would like to take a live tour of the National Weather Service facility located within five minutes of the beautiful Northern Quest Hotel. Transportation will be provided and will leave from the main lobby of the hotel.			
<b>4:00 – 4:50</b>	“FirstNet” - Tribal Outreach, FirstNet and Richard D. Broncheau, Nez Perce Tribe, Chairman, Public Safety Advisory Committee (PSAC) Tribal Working Group (TWG)	“Washington State National Guard” – CSM Steven L. Saunders, Command Sergeant Major, WAARNG, National Guard-Homeland Response Force Outreach Team (FEMA Region X)	“Centers for Domestic Preparedness” – Rick D. Schlegel, Manager Communication and Strategic Change (CTR)	“Children and Disasters”- Cathy Adams-Bomar, Administrator, Region X, Administration for Children and Family Services

### **7:00 pm – 9:00 pm      Networking Social and Live Auction for ALL Conference Attendees**

Please join us in the Main Event Center for a great evening of networking opportunities and a chance to make new friends. NWTEMC is proud to sponsor our Live Auction! Once again this year, we will be greatly entertained by our Chairman and emcee, Claude Cox, and our live auctioneer, Mr. Raymond Pendell. For a great night of fun and lots of laughter, and an item for everyone and anyone to bid on, please consider joining us for this spectacular event.



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**Thursday, August 13<sup>th</sup>, 2015**

## **GENERAL SESSIONS in the EVENT CENTER**

- 9:00 a.m. – 9:30 a.m. Gregory A. Smith, MPA, Tribal Liaison Officer, Program Services Branch, Division of State and Local Readiness, Office of Public Health Preparedness and Emergency Response (OPHPR), Centers for Disease Control and Prevention (CDC)
- 9:30 a.m. – 10:00 a.m. James Taylor, Individual Assistance Tribal Specialist, US Department of Homeland Security, FEMA Region 8
- 10:00 a.m. – 10:15 a.m. BREAK
- 10:30 a.m. – 11:00 a.m. C. Gary Rogers, Director, DHS/FEMA/Grant Programs Directorate/Preparedness Grants Division
- 11:00 a.m. – 11:30 a.m. David “Mo” Demorat, Chief, State, Local, Tribal and Territorial Activities Section, National Exercise Division at FEMA, FEMA Headquarters
- 11:30 a.m. – 12:00 a.m. “Riverine Shallow Draft Vessel Program” – Douglas B. Wagner, Program Manager, U.S. Customs and Border Protection, Office of Air and Marine
- 12:00 p.m. – 1:00 p.m. Lunch - Visit Information Kiosks, Vendors and Outdoor Displays**
- 1:00 p.m. – 2:15 p.m. “Coal Trains in Indian Country”
- 2:15 p.m. – 2:30 p.m. BREAK
- 2:30 p.m. – 3:30 p.m. RESERVED
- 3:30 p.m. – 4:30 p.m. “Pipeline Awareness and Emergency Response” -
- 4:30 p.m. – 5:00 p.m. “Becoming a Member of the National Joint Powers Alliance” – Jeremy Schwartz, NJPA, Minnesota

## **Thursday, August 13<sup>th</sup>, 2015 - EVENING EVENT**

**7:00 p.m. – 9:00 p.m. FAMILY NIGHT: Ice Cream Social and Networking Event – Bring your families and lots of business cards – Sponsored by the National Tribal Emergency Management Council and the National Joint Powers Alliance**

This session is open to all attendees, presenters, vendors and their families.

*Dessert Bar includes:*

*Premium Chocolate, Strawberry, and Vanilla Ice-Cream*

*Thomas Kemper Root-Beer*

*Freshly baked brownies*

*Waffle Bowls, Banana, Strawberry, and Chocolate Sauce*

*Assorted toppings and real whipped cream*

*Bottled water and soft drinks*





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Thursday, August 13<sup>th</sup>, 2015

## BREAKOUTS SESSIONS in the KALISPEL ROOMS

	Kalispel A	Kalispel B	Kalispel North	Kalispel South
11:00 – 11:50	“OneNet” – Shelley Westall	“Medical Reserve Corps – a local perspective” –Jane Vaccaro, Medical Reserve Corp Coordinator	“Join us for our First Tribal Coast to Coast Exercise” - Chelsea Nied, Richard Flores, and Steve Aberle, WA7PTM, ARES Official Emergency Station	“AIRR – American Indian Records Repository” -Michael Choate, Program Analyst, Safety & Security Officer, US DOI, Office of the Special Trustee for American Indians
<b>LUNCH</b>				
1:00 – 1:50	“Cascadia Rising 2016 Exercise” – Steve Simerly	“NW TTAP – NW Tribal Technical Assistance Program” – Rowena Yeahquo, Director, NW TTAP, Eastern Washington University	“Children, Families and Disasters: The Role of Children’s Task Forces and IDCM” – Wendi Ellis, Regional EM Specialist, Region 9 & Dan Houlahan, REMS, Region 7 & Charles Brown, EMS, Office of Human Services, EPR	“NASTTPO – National Association of SARA Title III Program Officials, Updates from our National Tribal Representative” – Nathan Nixon
2:00 – 2:50	“RACES Support for Cascadia Rising” - Monte Simpson (AF7PQ, Washington State RACES Officer)	“Pulling Together for Wellness Framework” – Jan Olmstead, MPA, (AIHC), Lou Schmitz, (AIHC), and Charlene Nelson, Honorable Tribal Chairwoman of the Shoalwater Bay Tribe (retired).	“Public Affairs Offices – The “Rubber Chicken” in Government?” – Chelsea Nied, Resilience Officer, NTEMC	“NPR – The National Preparedness Report” – Savin Ven Johnson, FEMA, Program Analyst and Dan Paulette-Chapman, FEMA, Program Analyst will present how the NPR is developed.
3:00 – 3:50	“Amtrak Passenger Train Emergency Response (PTER)” - Liz Klute  Operation Life Saver  (This class will run 2 hours with field trip to the train.)	“CAMEO” – Alan Finkelstein, Assistant Fire Marshal and Elisa Roper, Tribal Liaison, FEMA Region IV	“Office of Emergency Communications-US Department of Homeland Security” – Bruce Richter, Office of Emergency Communications, Region X Coordinator, Department of Homeland Security	

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**FRIDAY, AUGUST 14<sup>th</sup>, 2015**  
**GENERAL SESSIONS in the EVENT CENTER**

**FRIDAY, AUGUST 14<sup>th</sup>, 2015**  
**BREAKOUT SESSIONS in the KALISPEL ROOMS**

	<b>Kalispel A</b>	<b>Kalispel B</b>	<b>Kalispel North</b>	<b>Kalispel South</b>
<b>9:00 – 9:50</b>	<p><b>“RRAIN”</b>                      RRAIN stands for Response &amp; Recovery App in Washington (3 hour class)</p>	<p><b>“Active Shooter Workshop – 2 Hour Workshop on Planning a Tabletop”</b>                      - Antonia Stevens, Yakama Nation, and Richard Broncheau, Nez Perce Tribe</p>	<p><b>“Human Trafficking during Disasters” – Dan Houlahan, Regional Emergency Management Specialist, Region 7</b></p>	<p><b>“Hazard Categorization Class” – Kevin Smith (3 hour class)</b></p>
<b>10:00 – 10:50</b>	<p>This resource was developed to assist members of the first responder community, particularly those in the EOC, to gain quick access to a number of disaster focused resources in one convenient location – Emily Glenn, Community Health Outreach and Adam Garrett, Systems Manager, University of Washington</p>			
<b>11:00 – 11:50</b>		<p><b>“NTARA – National Tribal Amateur Radio Association” – Nathan Nixon</b></p>		
<b>LUNCH</b>				
<b>12:00 – 1:30</b>	<p><b>Join us for all the fun - Main Event Center</b></p>	<p><b>Boxed Lunches will be served for all</b></p>	<p><b>Bring your Bingo Vendor cards to enter</b></p>	<p><b>Vendor Bingo Winners will be Announced</b></p>

**1:30 p.m. – 2:00 p.m. Please join us for Closing Ceremonies and the BIG RAFFLE DRAWING!**

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## AUGUST 10<sup>th</sup> and 11<sup>th</sup> Pre-Conference Training Opportunities

### Monday, August 10<sup>th</sup>, 2015

8:00am – 4:00pm     Get Your Technician License - Come take the Sam Ham Cram - Ham Radio Operations –(1<sup>st</sup> Day of a Two Day Class) – Instructor CM Sam Jenkins, WA7EC and Facilitator Steve Aberle, WA7PTM (16 hour session total)

8:00am – 4:00pm     Get your General License - Ham Radio Operations – (1<sup>st</sup> Day of a Two Day Class) – Instructor Jack Tiley, AD7FO and Facilitator Steve Aberle, WA7PTM (16 hour session total)

9:00am – 5:00pm     Introduction to CAMEO, a suite of free programs available to all Tribes developed by the US EPA and NOAA to assist in developing and maintaining plans for response to hazardous materials. – Instructor Kevin Smith

9:00am – 5:00pm     First Aid/CPR/Blood Borne Pathogens

### Tuesday, August 11<sup>th</sup>

8:00am – 4:00pm     Get Your Technician License – Ham Radio Operations (2nd Day of a Two Day Class) – Instructor CM Sam Jenkins, WA7EC and Facilitator Steve Aberle, WA7PTM (testing day)

8:00am – 4:00 pm     Get your General License - Ham Radio Operations – (2nd Day of a Two Day Class) – Instructors Jack Tiley, AD7FO and Facilitator Steve Aberle, WA7PTM (testing day)

9:00am – 5:pm     Introduction to CAMEO, a suite of free programs available to all Tribes developed by the US EPA and NOAA to assist in developing and maintaining plans for response to hazardous materials. – Instructor Kevin Smith

9:00am – 5:00pm     HAZWHOPPER Refresher (8 hour refresher)

1:00pm – 5:00pm     FEMA L-583 Emergency Management Overview for Tribal Leaders (4 hour session)



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### Synopsis of 16 Hour Workshop for CAMEO

As some of you may already know, we have entered into an agreement with the University of Washington for the purpose of providing additional training opportunities to all of our Tribes. This year, the UW has agreed to provide training in the area of CAMEO. For those of you that are not currently using this software program, I have outlined a few of the most commonly asked questions about the program. We will be offering this class as one of the trainings available for you to take on August 10<sup>th</sup> and 11<sup>th</sup> at the conference this year.

The CAMEO software suite is a system of software applications used widely to plan for and respond to chemical emergencies. It is one of the tools developed by EPA and the National Oceanic and Atmospheric Administration (NOAA), to assist front-line chemical emergency planners and responders. They can use CAMEO to access, store, and evaluate information critical for developing emergency plans. In addition, CAMEO supports regulatory compliance by helping users meet the chemical inventory reporting requirements of the [Emergency Planning and Community Right-to-Know Act](#) (EPCRA, also known as SARA Title III).

The CAMEO system integrates a chemical database and a method to manage the data, an air dispersion model, and a mapping capability. All modules work interactively to share and display critical information in a timely fashion. The CAMEO system is available in Macintosh and Windows formats.

- [Why was CAMEO Created?](#)
- [Who Uses CAMEO?](#)
- [What is in CAMEO?](#)
  - [CAMEOfm - Database and Information Management Tool](#)
  - [CAMEO Chemicals - Chemical Response Data Sheets and Reactivity Prediction Tool](#)
  - [MARPLOT - Mapping Applications for Response, Planning, and Local Operational Tasks](#)
  - [ALOHA - Areal Locations of Hazardous Atmospheres](#)
- [Contacts](#)
- [Other Planning/Response Tools](#)
- 

#### **Why was CAMEO Created?**

The CAMEO software suite was developed because NOAA recognized that emergency response personnel were often severely hampered by lack of accurate hazardous substance information. In addition, emergency planners lacked a tool to store and easily use information that is essential for emergency planning.

Since 1988, EPA and NOAA have collaborated to augment CAMEO to assist both emergency responders and planners. CAMEO has been enhanced to provide emergency

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planners with a tool to enter local information and develop incident scenarios to better prepare for chemical emergencies. The Bureau of Census and the U.S. Coast Guard have worked with EPA and NOAA to continue to enhance the system.

### Who Uses CAMEO?

- Firefighters
- State Emergency Response Commissions (SERCs) and Tribal Emergency Response Commissions (TERCs)
- Local Emergency Planning Committees (LEPCs)
- Industry
- Schools
- Environmental Organizations
- Police Departments

### What is in CAMEO?

CAMEO is actually a suite of four separate, integrated software applications:

- [CAMEOfm](#)
- [CAMEO Chemicals](#)
- [MARPLOT](#)
- [ALOHA](#)

### CAMEOfm - Database and Information Management Tool

[CAMEOfm](#) is a database application that includes eight modules (such as Facilities and Contacts) to assist with data management requirements under the Emergency Planning and Community Right-to-Know Act (EPCRA). Each year, facilities covered by EPCRA must submit an emergency and hazardous chemical inventory form to their LEPC, SERC, and local fire department. Most facilities submit a Tier II form, which contains basic facility identification information, employee contact information, and information such as storage amounts, storage conditions, and locations for chemicals stored or used at the facility. You can use CAMEOfm to store this information, by entering it manually or by importing a [Tier2 Submit](#) file (if the facilities and/or planners in your state use that program). CAMEOfm can also be used to navigate between ALOHA, MARPLOT, and the downloadable version of CAMEO Chemicals.

### CAMEO Chemicals - Chemical Response Datasheets and Reactivity Prediction Tool

[CAMEO Chemicals](#) has an extensive chemical database with critical response information for thousands of chemicals. There are two primary types of datasheets in the database: chemical datasheets and UN/NA datasheets. Chemical datasheets provide physical properties, health hazards, information about air and water hazards, and recommendations for firefighting, first aid, and spill response. UN/NA datasheets provide response information from the Emergency Response Guidebook and shipping information from the Hazardous Materials Table (49 CFR 172.101). In addition to the information on the datasheets, you can also add chemicals to the MyChemicals collection

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to see what hazards might occur if the chemicals in the collection were mixed together. CAMEO Chemicals is available [online](#), as a [mobile website](#), and as a [downloadable version](#).

### **MARPLOT - Mapping Applications for Response, Planning, and Local Operational Tasks**

[MARPLOT](#) is the mapping application. It allows users to "see" their data (e.g., roads, facilities, schools, response assets), display this information on computer maps, and print the information on area maps. The areas contaminated by potential or actual chemical release scenarios also can be overlaid on the maps to determine potential impacts.

### **ALOHA - Areal Locations of Hazardous Atmospheres**

[ALOHA](#) is an atmospheric dispersion model used for evaluating releases of hazardous chemical vapors. ALOHA allows the user to estimate the downwind dispersion of a chemical cloud based on the toxicological/physical characteristics of the released chemical, atmospheric conditions, and specific circumstances of the release. ALOHA can estimate threat zones associated with several types of hazardous chemical releases, including toxic gas clouds, fires, and explosions. Threat zones can be plotted on maps with MARPLOT to display the location of other facilities storing hazardous materials and vulnerable locations, such as hospitals and schools. Specific information about these locations can be extracted from CAMEOfm information modules to help make decisions about the degree of hazard posed.

### **Contacts**

For more information on emergency preparedness, planning, and prevention programs, contact the EPA [Superfund, TRI, EPCRA, RMP & Oil Information Center](#), a toll-free service that can answer technical policy questions on federal EPA regulations. The Call Center can be reached during regular business hours at:

- Toll-Free: (800) 424-9346
- Local: (703) 412-9810
- TDD: (800) 553-7672
- TDD Local: (703) 412-3323

For answers to functional software questions or solutions to installation problems, contact the RMP Reporting Center: (703) 227-7650 (8am-4:30pm M-F) or via e-mail at: [RMPPRC@epacdx.net](mailto:RMPPRC@epacdx.net)

### **Other Planning/Response Tools**

- [Tier2 Submit](#) is a tool for facilities to submit EPCRA Tier II reports to their state, LEPC, and fire department.
- [RMP\\*Comp](#) calculates vulnerable zone distances based on the Risk Management Program (RMP) Guidance for Offsite Consequence Analysis.

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### **Instructor: Kevin Smith**

This workshop will provide participants with an introduction to the CAMEO Suite of programs, developed in 1989 by the US EPA and NOAA to assist jurisdictions in developing and maintaining plans for response to hazardous materials incidents. Since then, the software has evolved into a more robust form that may be used for all-hazard planning. This helps jurisdictions to meet the federal mandates for incident planning, as well as assisting agencies in tracking everyday needs for resource management. There are four components programs in the suite, each serving a different purpose, but able to share data with the other programs as necessary.

This software is free! The class is free. This 16 hour training will be available to the first 25 Tribes to sign up for this class. **We ask that you bring a laptop.** We ask that you download the software prior to the class. To download the 4 programs of the CAMEO suite, go to:

<http://www2.epa.gov/cameo>

This will take you to the US Environmental Protection Agency's CAMEO download site. The links on this site will allow you to download CAMEO Chemicals, ALOHA, CAMEO $fm$ , and MARPLOT. You can forward this information to the Tribe's IT department if you require prior approval so they can download the CAMEO software onto laptop computers. Please note that both Windows based software and Macintosh based software is available.

*2015 NTEMC Conference* **AGENDA CONTENT** *Amateur Radio Activities*

## **Pre-Conference Training Opportunities**

### **Monday, August 10th, 2015**

**8:30am – 4:30pm Amateur Radio Technician License Class (day 1 of 2)**

*Instructor:*

Sam Jenkins, WA7EC

*Description:*

Having an amateur radio license and station is another part of being prepared for emergencies and disasters so you can assist with local and regional communications when normal radio facilities are overloaded or fail. This class will give you an overview of Amateur Radio and teach you everything you will need to know to pass the exam for your initial entry-level license. The class syllabus, which will be reviewed extensively in class, contains answers and explanations for all questions in the license examination question pool. Your instructor calls this class the "Sam Ham Cram" which he has successfully presented to several tribes and achieved a high percentage of students passing the test.

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### *Study Guide:*

<http://radio.aberle.net/AD7FO-guide,Technician,2014-2018.pdf>

**8:30am – 4:30pm Amateur Radio General License Class** (day 1 of 2)

### *Instructor:*

Jack Tiley, AD7FO

### *Description:*

If you already have your Technician License, this class will help you upgrade to a General License which gives you access to more bands and frequencies, especially those used for national and international communications. This class is a fantastic opportunity to upgrade your license at the NTEMC conference! The class syllabus, which will be reviewed extensively in class, contains answers and explanations for all questions in the license examination question pool. The material will be taught in an easy-to-understand way by experienced amateur radio volunteers, so it should not be difficult for you to understand and pass the exam.

### *Study Guide:*

<http://radio.aberle.net/AD7FO-guide,General,2015-2019.pdf>

## **Tuesday, August 11th, 2015**

**8:30am – 1:30pm Amateur Radio Technician License Class** (day 2 of 2)

### *Description:*

This class will wrap up instruction on the Technician License study material not covered on day 1, and will include a question and answer period just before the examination.

**8:30am – 1:30pm Amateur Radio General License Class** (day 2 of 2)

### *Description:*

This class will wrap up instruction on the General License study material not covered on day 1, and will include a question and answer period just before the examination.

**2:00pm – 5:00pm Amateur Radio License Examination** (all elements ... Technician, General, and Extra)





**The National Tribal Emergency Management Council (NTEMC)  
FEMA Emergency Management Institute (EMI)  
Federal Emergency Management Agency (FEMA)**

**Invite you to attend**

**Emergency Management Overview  
For  
Tribal Leaders**

Tribal leaders seeking to successfully prepare for, respond to, and recover from incidents and disasters will benefit from an understanding of emergency management concepts and operations. The demanding schedule of tribal officials' schedules rarely allows them to attend workshops or training sessions which might provide additional knowledge and skills in dealing with disaster situations. This four-hour course is designed to help tribal leaders understand how an effective emergency management can improve the sustainability of their tribal community and better protect tribal citizens, lands, culture, and sovereignty.

Course topics will include:

- The benefits of emergency management in tribal communities
- The components of an effective emergency management program
- The role of the Tribal Emergency Manager
- The roles of the tribal leaders in emergency management
- An overview of FEMA programs available to tribal governments

Upon completion of the course participants will be mailed an Emergency Management Institute certificate of completion for .4 CEUs.

**Target Audience: tribal elected officials; tribal council members; tribal chairs, Presidents, Governors, Principal Chiefs and Appointed Officials.**

**Instructors: Will be provided by the Emergency Management Institute**

**Questions?**

Please contact Richard Flores at [RichardFlores@ntemc.org](mailto:RichardFlores@ntemc.org)

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### PRESENTATIONS

**NW Tribal Technical Assistance Program (NW TTAP)** located at Eastern Washington University will offer presentations on emergency preparedness trainings and workshops available through NW TTAP.

“Community Planning and Disaster Recovery” – Thomas Donnelly, FEMA Region 10, Recovery Division:

This program helps Tribes, States, and local governments prepare for disaster recovery. They can provide how-to materials and training on developing pre-disaster recovery plans, and related tools such as recovery ordinances. The Community Recovery Toolkit provides links to resources designed to assist tribal officials understand the challenges and prepare them when the unthinkable happens. This program can provide guidance to the community to quickly analyze alternative recovery scenarios and assist decision makers in understanding the consequences of recovery actions from a long term community perspective.

National Disaster Preparedness Training Center (NDPTC) - Bruce Drewes is the Pacific Northwest Tribal Outreach Coordinator and Instructor. The NDPTC provides free disaster preparedness training with a focus on building community resilience. This resilience involves increasing a community’s capacity to absorb shock, recover quickly and to learn from catastrophic events so that communities are better prepared and strengthened against damage from future events.

NW TTAP also has developed an “Emergency Preparedness Handbook for Tribal Governments” that will be handed out as a useful tool for information and resources.

**Main topic your presentation will cover:**

#### **2015 National Preparedness Report Results**

##### **Abstract:**

During this presentation, FEMA will present how the National Preparedness Report (NPR) and State Preparedness Report (SPR) are developed, including the use of whole community input and data. The NPR reports on progress made toward building, sustaining, and delivering the 31 core capabilities described in the National Preparedness Goal. Relatedly, the SPR provides a vehicle for understanding the Nation’s current state of emergency preparedness. Through the State Preparedness Report (SPR), states and territories that receive federal preparedness grants report annually on their current preparedness capabilities, areas of shortfall, and future priorities. While the SPR can include input from tribal nation partners, the SPR does not separately collect current tribal nation preparedness capabilities. This session will introduce attendees to methodologies employed in each report, and also present the most compelling and thought-provoking results on preparedness made 2014. The session will conclude with a discussion on tribal partners’ perspectives and experiences with preparedness assessments and lessons learned from real world events. Audience members will be invited to actively participate and share their thoughts on preparedness capability assessments in the tribal nation context. Tribal partners will also gain practical insights on core capabilities that can inform decisions about program priorities, resource allocation, and community actions. In contrast, the

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## Learning Objectives:

1. Understand key findings from the State and National Preparedness Reports
2. Contribute tribal perspectives and experiences to preparedness capability assessments.

**Speaker Bio:** Savin Ven Johnson and Dan Paulette-Chapman, Federal Emergency Management Agency, National Preparedness Directorate,

Ms. Ven Johnson serves as a program analyst in the Department of Homeland Security/Federal Emergency Management Agency's National Preparedness Directorate. In this role, Ms. Ven Johnson is the lead analyst for the Recovery Mission area and conducts research and analysis for all recovery-related projects and reports for the Directorate. Ms. Ven Johnson earned a M.Sc. in environmental economics at the Graduate School for International Development and Cooperation at Hiroshima University, and Master in Global Policy Studies from the Lyndon B. Johnson School of Public Affairs at the University of Texas at Austin.

Mr. Paulette-Chapman's career in emergency management spans ten years, seven years of which have been with the Federal Emergency Management Agency (FEMA). Currently, Mr. Paulette-Chapman serves as the Program Manager for the State Preparedness Report (SPR) program, the nation's only comprehensive assessment of state and territorial preparedness across all 31 core capabilities in the National Preparedness Goal. He is an expert in all-hazards pre-disaster mitigation and emergency preparedness disciplines, including FEMA's Hazard Mitigation Assistance programs, grants management and national preparedness assessments. Beyond FEMA, he has also served as Coordinator of Emergency Services for the American Red Cross Disaster Services in Washington DC and as a first responder and EMS Provider for a volunteer fire department.

## **The American Indian Records Repository (AIRR)**

The American Indian Records Repository (AIRR) is located in a secure underground facility in Lenexa, KS. The AIRR opened May 14, 2004, and stores and safeguards non-active Native American records (Federal and some Tribal). The AIRR provides secure access to records for research by Tribes, Interior staff and its contractors, with permission from the Department of the Interior (DOI). The AIRR is not open to the public. The AIRR is a product of a partnership between the National Archives Records Administration (NARA) and the DOI. The Office of Trust Records (OTR) was established in 1999 to develop and implement a program for the economical and efficient management of trust records. The OTR Records Management Program was developed and implemented and continues to evolve to ensure Native American records are preserved, safeguarded, and secured at all times.

## **Hazard Classification Class**

### **SIMPLIFIED HAZARD CATEGORIZATION FOR LIQUIDS**

By Kevin Smith, Deputy Fire Marshal (Retired), Chino Valley Independent Fire District

#### **1. ESTIMATE VAPOR PRESSURE**

- A. Set up two watch glasses.

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- B. Put water onto one watchglass, creating a puddle about the size of a quarter.
- C. Put the unknown liquid onto the other watchglass, created the same sized puddle.
- D. Note the time on a note pad.
- E. Periodically check the size of the puddles. If the puddle of the sample becomes less than that of the water, it has a greater vapor pressure than water. The faster it evaporates, the greater the vapor pressure. (Note: Water has a vapor pressure of about 17.54 millimeters of Mercury at 68°F).
- F. NOTE – If the vapor pressure is greater than water, the vapors of this substance can readily get into the air, making it a potential breathing hazard. Also, if flammable, the greater the vapor pressure, the more vapors in the air to burn.

### 2. CHECK FOR BEHAVIOR IN WATER

- A. Put a small amount of water into a test tube.
- B. Put a couple of drops of the unknown liquid into the test tube.
- C. Shake the test tube (without spilling anything out of the top).
- D. While wearing thin latex gloves, feel the bottom of the test tube. If the test tube feels warm or hot *after* adding water in the test tube, the material is water reactive.
- E. NOTE - If the substance floats, it is probably flammable, and probably a hydrocarbon.
- F. NOTE - If the substance sinks, it is probably toxic. It is likely to contain halogens (such as chlorine, bromine, iodine, or fluorine).
- G. NOTE - If it mixes with water, it is water soluble. If you have a spill of a water soluble liquid and you wish to greatly reduce it's vapor pressure so it's vapors will be less likely to get into the air, you can add a substantial amount of water to the spill. In addition, if the water-soluble liquid is flammable, adding water can make it non-flammable.

### 3. CHECK FOR pH

- A. Wet a strip of pH paper, then place the colored portion of the pH paper into the liquid.
- B. Take out the paper and read the pH by comparing the colors on the pH paper with the colors on the pH strip box. (Make sure you orient the colored part of the strip with the colored part of the box and the white part of the strip with the white part of the box, or you will get an inaccurate reading).
- C. NOTE: A pH of 0, 1, or 2 indicates a STRONG ACID. A reading of 12, 13, or 14 indicates a STRONG CAUSTIC (also called base or alkali). Either extreme is very corrosive to skin! Beware! A of 5, 6, 7, 8, or 9 is safe in terms of corrosivity. Note that motor oil normally has a pH of about 5.

### 4. CHECK FOR FLAMMABILITY

- A. Place a small amount of the liquid into a watchglass. Place the watchglass on a Bunsen burner stand.
- B. Light a match, then slowly bring the match toward the base of the Bunsen burner stand. Bring the match slowly up to the top of the stand, then move it just over the top of the liquid. If the liquid hasn't ignited yet, touch the flame to the liquid.
- C. NOTE – If when you had the match at the bottom of the Bunsen burner stand, the vapors of the liquid flashed and caught the liquid in the watch glass on fire, you have a very dangerous flammable liquid that can easily flash back to the point of ignition. The vapor is also heavier than air. If it doesn't ignite until you hold the match just over the liquid, it is still a flammability hazard, and appears to be lighter than air (or just has a low vapor

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pressure). If the match goes out when you touch it into the liquid, it is not flammable, but it might still be combustible.

### 5. CHECK FOR COMBUSTIBILITY

- A. Set up a small torch. Take two Q-tips, dipping one in the unknown liquid.
- B. With the torch blowing flame away from you, take a Q-tip in each hand, slowly bringing them both toward the flame, keeping each Q-tip the same distance apart from the flame. Keep bringing them toward the flame until they almost touch the flame.
- C. NOTE – If the Q-tip holding the unknown liquid bursts into flame before the dry Q-tip, if that liquid did not prove flammable in the previous test, you have a combustible liquid (it won't be likely to catch on fire unless heated first). If the dry Q-tip catches on fire first, the material is not combustible.



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## SIMPLIFIED HAZARD CATEGORIZATION FOR SOLIDS

By Kevin Smith, Deputy Fire Marshal (Retired), Chino Valley Independent Fire District

### 1. CHECK FOR BEHAVIOR IN WATER

- A. Put a small amount of the solid into a watch glass. Add a few drops of water.
- B. Carefully observe the behavior. Did it smoke? Did it “pop”? Did it fizzle? If so, it is water reactive!
- C. If it didn’t show a reaction, place a small amount of the solid into a test tube. Add some water, and observe the behavior. If you are wearing thin latex gloves, feel below the water line of the test tube for a change in temperature. Does it get hot? Cold? Does it dissolve in water, or is it non-soluble?
- D. NOTE - If it dissolves, it may a salt. Many salts are toxic.

### 2. CHECK FOR pH

- A. Before discarding the contents of the test tube, wet a strip of pH paper, then place the colored portion of the pH paper into the liquid.
- B. Take out the paper and read the pH by comparing the colors on the pH paper with the colors on the pH strip box. (Make sure you orient the colored part of the strip with the colored part of the box and the white part of the strip with the white part of the box, or you will get an inaccurate reading).
- C. NOTE: A pH of 0, 1, or 2 indicates a STRONG ACID. A reading of 12, 13, or 14 indicates a STRONG CAUSTIC (also called base or alkali). Either extreme is very corrosive to skin! Beware! A of 5, 6, 7, 8, or 9 is safe in terms of corrosivity.

### 3. CHECK FOR EXPLOSIVITY

- A. Place a small amount of the solid into a watchglass.
- B. Place the end of a thin metal wire (a part of a coat hanger works well) into a piece of cork to hold the wire. Now, holding the cork place the wire into the flame of a fire to heat it up (Don’t burn your hands!). Carefully touch the heated end of the wire against part of the solid sample.
- D. NOTE – If the sample “pops”, it’s probably explosive!

### 4. CHECK FOR FLAMMABILITY

- A. Place a small amount of the solid into a watchglass. Place the watchglass on a Bunsen burner stand.
- B. Light a match, then slowly bring the match toward the base of the Bunsen burner stand. Bring the match slowly up to the top of the stand, then move it just over the top of the sample. If the sample hasn’t ignited yet, touch the flame to the sample. If it readily burns, the material is flammable.

### 5. CHECK FOR COMBUSTIBILITY

- A. Set up a small torch. Take a few granules of the sample, and place them on a lab spatula. Take about the same amount of sugar and place it on another lab spatula.

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- B. With the torch blowing flame away from you, take a lab spatula in each hand (one with the sample and one with the sugar), slowly bringing them both toward the flame, keeping each spatula the same distance apart from the flame. Keep bringing them toward the flame until they almost touch the flame.
- C. NOTE – If the spatula holding the unknown solid bursts into flame before the spatula holding the sugar melts, the sample has a flash point less than about 300°F, and is considered combustible. If the sugar melts before the sample burns, the sample may be non-combustible, and certainly has a flash point greater than about 300°F.

### **National Exercise Program (NEP)**

The National Exercise Program (NEP) is the principle exercise mechanism for examining preparedness and measuring readiness of the United States across the entire homeland security enterprise. By designing, coordinating, conducting, and evaluating a progressive cycle of exercises, the NEP can rigorously test the Nation's ability to perform functions that prevent, protect against, respond to, recover from, and mitigate all hazards.

The NEP validates national plans, tests our operational capabilities, maintains leadership effectiveness, and examines the ways we utilize our "Whole Community" to prevent, protect from, respond to, recover from, and mitigate disasters and acts of terrorism. Whole Community includes Federal, State, local, Tribal and territorial, public and private sector entities, and faith-based organizations.

#### Participation Advantages:

By incorporating already scheduled or planned exercises, sponsoring organizations do not incur any additional costs by participating in the NEP. Other benefits of participation include:

- The Federal Emergency Management Agency (FEMA) can provide exercise technical and evaluation assistance.
- The NEP provides unparalleled collaboration, coordination and networking opportunities across multiple levels of government.
- Exercise objectives remain unchanged allowing exercise sponsors to retain full control of their exercises.

Exercise sponsors participating in the NEP improve national preparedness by:

- Validating the nation's capabilities as they relate to national-level priorities.
- Measuring progress toward achieving the National Preparedness Goal.
- Supporting long-term trend analysis.

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- Providing for a systematic evaluation of our nation's readiness and resiliency.

Exercises selected for the NEP must align to and support one or more of the Principals' Objectives. All exercises must be fully scoped and supported prior to nomination.

2013-2014 Principals' Objectives:

- Exchange intelligence, information, data, or knowledge to enable timely and informed decision-making prior to, and during an incident that threatens of the Nation
- Identify threats and hazards and share prompt, reliable, and actionable risk information with the public, including actions to be taken and assistance made available during the onset of any hazard that threatens the security of the Nation
- Establish and maintain a unified and coordinated operational structure and process, capable of identifying, prioritizing, and delivering resources across all hazards and lead-Federal agency authorities, including catastrophic incidents where a Stafford Act declaration is not likely and domestic response to foreign nations overwhelmed by disaster
- Establish and maintain plans, authorities, responsibilities, and coordination capabilities that support the recovery of local communities affected by catastrophic disasters

### **FREE RRAIN (Response and Recovery App in Washington)**

Last year, the University of Washington Health Sciences Library received funding from the National Library of Medicine to create a mobile optimized [website](#) and iOS app counterpart called [RRAIN Washington](#). RRAIN stands for Response & Recovery App In Washington. This resource was developed to assist members of the first responder community, particularly those in the EOC, gain quick access to a number of disaster focused resources in one convenient location. Special attention was paid to include apps that are freely available, provide real time data, and are from the National Library of Medicine. Examples of resources found within RRAIN are REMM, CHEMM, WISER, traffic maps, and weather alerts.

As part of the app roll out, we are conducting several free train-the-trainer sessions across the state of Washington. Training will include content such as when and how to use RRAIN, exposure to specific resources, and gaining familiarity by working through case-based scenarios. The goal is to have individuals empowered to train colleagues back at their home institutions.

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### Conference Break-Out Sessions

#### **Wednesday, August 12th, 2015**

##### **2:00pm RACES Support for Cascadia Rising 2016**

*Presented by:*

Monte Simpson, AF7PQ, Washington State RACES Officer

*Description:*

Major earthquakes occur along the 620-mile long Cascadia Subduction Zone (CSZ) fault line off the northwest coast of the United States every 200 to 500 years. The last major earthquake was 315 years ago and is recorded in the verbal history of Northwest coastal tribes. In June 2016 a simulated devastating earthquake will occur along the CSZ. This is a four-day functional exercise involving emergency operations centers, first responders, FEMA, major military commands, tribes, and the private sector. Monte will review the amateur radio communications support for this exercise.

#### **Thursday, August 13th, 2015**

##### **11:00am An Amateur Radio Station for Your Tribe**

*Presented by:*

Steve Aberle, WA7PTM, ARES Official Emergency Station

*Description:*

Amateur (ham) radio equipment, both new and used, is plentiful. In fact, there are so many options that it can be quite confusing, even to experienced radio amateurs! What does it take to put together an effective and disaster-resilient radio station, either a tribal emergency (and/or club) radio station or as an individual? This seminar will review the equipment needed for various types of stations, and present some ideas on how to conserve money.

### **Instructor/Speaker Biographies**

#### **Steve Aberle (Amateur radio callsign WA7PTM)**

Steve gained his first amateur radio license (WN7PTM) in 1970 and is a Life Member of the American Radio Relay League (ARRL). He has been active in the Amateur Radio Emergency Service (ARES) since 1976 and in the Radio Amateur Civil Emergency Service (RACES) since 1979. Since 1999 his ARRL appointment has been as an Official Emergency Station. Steve has over three decades of experience in volunteer emergency communications planning, training, responses, mentoring, and as a HSEEP exercise evaluator. He was a law enforcement first responder for seven years, a county emergency communications director for five years, and is a former mountaineering and Search and Rescue leader and instructor. Steve holds a B.S. degree in Computer Science and is a retired data network and security manager and engineer. He has been a technical consultant to both the computer and wired/wireless communications industries, performing cyber-security strategic resilience planning and tactical

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responses, Internet and intranet design and architecture, network security, systems analysis, software engineering, quality assurance, international customer support, and professional training.

### **Sam Jenkins (Amateur radio callsign WA7EC)**

Sam gained his first amateur radio license (KE7OIA) in 2007 and is a Full Member of the American Radio Relay League (ARRL). He is the Amateur Radio Emergency Services (ARES) Emergency Coordinator and the Radio Amateur Civil Emergency Service (RACES) Officer for Ferry County, Washington, and is the Ferry County Citizen Corps Council Coordinator, CERT team coordinator and trainer, and has served with the Ferry County Search And Rescue Strike Team since 2008. Sam is currently an ARRL radio instructor, and is the chairman of the Ferry County EMS and Trauma Care Council. He also serves as the Director of Northern Operations for the Colonel Robert B. Eaton School of Survival, operating in the Canadian Yukon and Northwest Territories. Sam holds two A.A. Degrees, one in Avionics Systems Technology and the other in Safety and retired from the U.S. Air Force after 30 years of service.

### **Monte Simpson (Amateur radio callsign AF7PQ)**

Monte gained his first amateur radio license (KB7RID) in 1992 and is a Full Member of the American Radio Relay League (ARRL). He has served in many positions with the Amateur Radio Emergency Service (ARES) from Assistant Emergency Coordinator to Assistant Section Emergency Coordinator. Monte is an ARRL Official Observer and Volunteer Examiner. He is currently the ARRL Western Washington Section Manager as well as the Washington State RACES Officer. Monte served two years of active duty in the U.S. Navy as a Radioman aboard a destroyer making two deployments to Southeast Asia. He retired from the U.S. Coast Guard Reserve after 36 years of service as a Chief Warrant Officer 4 (Communications). Monte has been employed by the Washington State Patrol for nearly 46 years and is currently the communications manager in the Bremerton/District 8 communications center.

### **Jack Tiley (Amateur radio callsign AD7FO)**

Jack gained his first amateur radio license (N7RWJ) in 1991 and is a Full Member of the American Radio Relay League (ARRL). He has been active in the Amateur Radio Emergency Service (ARES) since 1995, is a former Assistant Emergency Coordinator, and is currently Vice President of the Inland Empire VHF Radio Amateurs Club. Jack holds several ARRL appointments ... Technical Coordinator for the Eastern Washington Section, Volunteer Examiner, certified Emergency Communications Instructor, and Technical Specialist for the Spokane area. He is a Registered Instructor (for radio licenses) with the ARRL and has taught approximately 500 students over the past nine years. The simple and easy to understand amateur radio training materials which Jack created have been adopted by instructors across the country. For the past 25 years he has developed and given technical presentations to local amateur radio groups. Jack holds a B.S. Degree in Electrical Engineering and is a retired product manager. He has been a test instrument calibration manager, field sales engineer, systems development engineer, applications engineer, military sales manager, world-wide sales manager, and product manager.



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