

Special Work Session

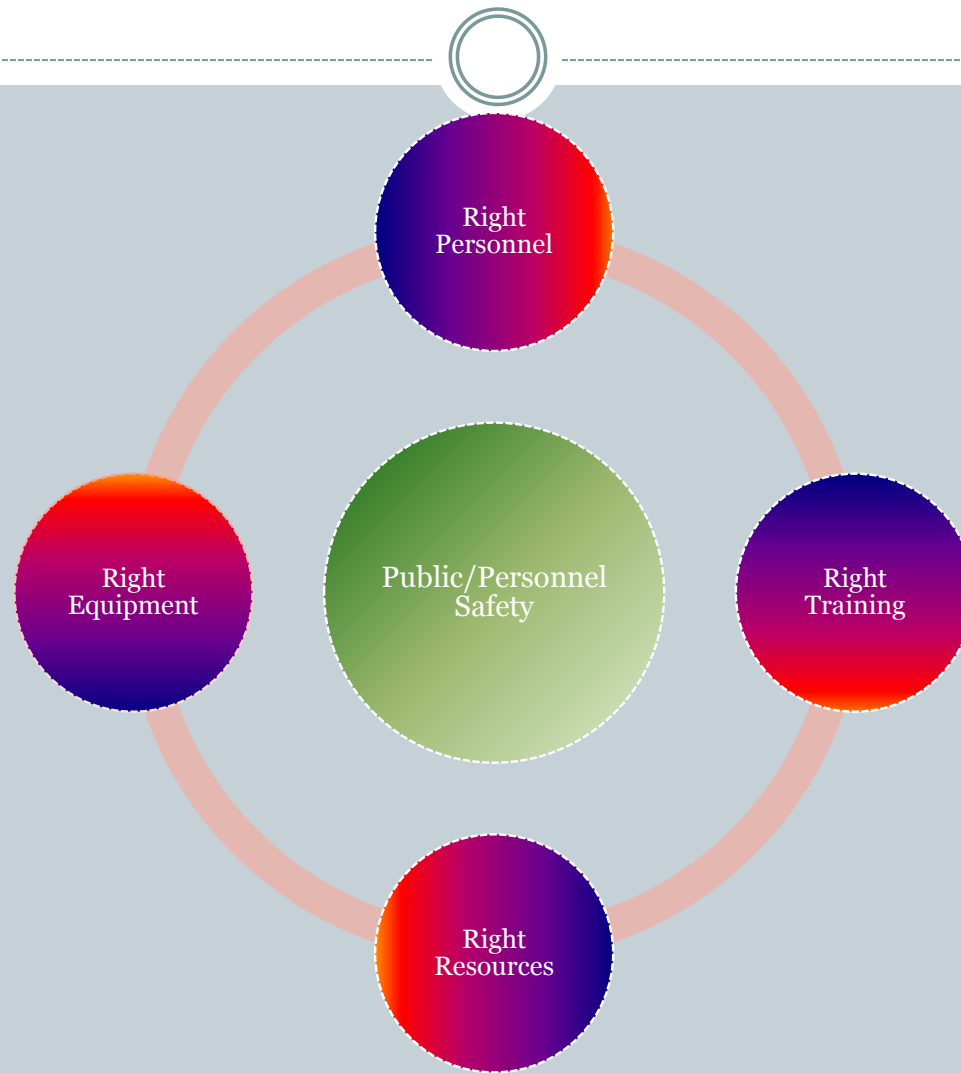


- Vince Kolar/Dave Nordel Introductions
- Vineyard Fire After Action Report (Vince Kolar/GFFR)
- Communications Interoperability Work Group (Chief Hester)
- Flooding Event Briefing (Jim Rearden/Megan Syner)
- State Preparedness Report Briefing (Dave Nordel/Vince Kolar)
- Pre-Disaster Mitigation Plan Update (Vince Kolar)

Introduction



Public Safety Life Cycle



Vineyard Fire Observations



- Observation; GFFR and Rural Fire had difficulty communicating resulting in weakened command structure.
 - Possible Solution; ICS training & exercise. Joint Command Structure and Cascade County Standard Command Guide.
 - Possible Solution; Incident Command at Incident Command Post ICS training & exercise.
- Observation; Some resources were not requested and utilized.
 - Montana Mutual Aid Identify operational need before request is made
 - Non-firefighter resources Utilize farm resource when available and safe to handle livestock.
 - Resources released to early must get better information prior to strategic decisions like the weather forecast
 - Media with firefighters Pre-season Fire/Media meeting. Discuss PPE requirement
 - Traffic control Coordinate resource request with Law Enforcement

Vineyard Fire Observations



- **Observation: GFPD computers and cell phone wouldn't work due to provider limitations.**
 - Possible Solution: Contact Verizon provider to determine problem and solutions
- **Observation: County DES assigned Fire Warden duties on the fire and could not staff the EOC no County Commissioners at the EOC**
 - Possible Solution: County DES and Cascade County Commissioners on the EOC call list and notified immediately when the EOC is activated. County DES needs an alternate if he is to work on wildland fires.
- **Observation: Communications for shelter opening are not formalized.**
 - Possible Solution: Change checklist at dispatch
- **Observation: GFFR apparatus are not designed for wildland fires creating greater risk to firefighters**
 - Possible Solution: Acquire type 6 Engine that allow pump and roll, and all wheel drive to efficiently attack the fire
- **Observation: Agency to Agency Communications were not interoperable**
 - Possible Solution: Establish SOP, program radios, and establish a communication plan. Train first responders on proper inter-agency communication
- **Observation: Fire Hydrants were inoperative adjacent to new construction.**
 - Possible Solution: Work with Community Development and Public Works to ensure hydrants are operational during building construction phase.

Vineyard Fire Observations



- **Observation:** Homeowners turned on sprinklers causing loss of water pressure
 - Possible solution: Educate Community on wildland defensible space and water conservation
- **Observation:** Public Works heavy equipment operators working directly on the fire had no basic wildland training
 - Possible solution : Obtain training
- **Observation:** Use of Code-RED mass notification system didn't work as well as intended.
 - Possible solution : Train PIO on proper use of Code Red
- **Observation:** CCSO had no EOC Representative
 - Possible solution : Updated the EOC notification checklists with approval of all agencies.
- **Observation:** Providing critical incident/situational information out to the public was delayed
 - Possible solution : PIO needs standardized press procedures Training/SOP. Establish social media outlets
City/County needs emergencies notification and information
- **Observation:** City Dept. Representatives were not sure of his or her role at the EOC.
 - Possible solution; Develop and Approve Internal checklists for each dept that prioritized and chronicle duties and responsibilities
- **Observation:** The EOC infrastructure needs to be updated and more robust
 - Possible solution : Design and fund EOC improvements that will make the facility efficient and effective

Communication Interoperability Working Group



2016 CASCADE COUNTY DISPATCH AND FIREGROUND FREQUENCIES

	Department	Color (National) Designator	Radio Channel	Usage
Cascade Co Dispatch Channels	Black Eagle, Com Hill, Vaughn, Manchester, Sun Prairie	744 North		Cascade County Fire and Sheriff Dispatch
	Monarch, Nehalem	744 East		Cascade County Fire and Sheriff Dispatch
	Sand Coulee	744 SouthEast		Cascade County Fire Repeater (Low Power)
	Siel	860		Cascade County Fire and Sheriff Dispatch
	Search & Rescue	744 West		Cascade County Fire and Sheriff Dispatch
	Deerborn	744 South		Cascade County Fire and Sheriff Dispatch
	Elm, Cascade	963		Cascade County Fire and Sheriff Dispatch
	Great Falls Fire Rescue	P25 ID: 2977		Great Falls Fire (Fire 1) & EMS Dispatch
Fire	GFRR	P25 ID: 2972		Great Falls Fire 2
	GFRR	P25 ID: 2987		Great Falls Fire 3
		BUBBY		State Fire Repeater
		GURNEY		State Fire Repeater Control
	Fire Operations (Typical)	800		State Fire Mutual Aid
	Com Hill	MARCOON (VFM022)		State Fire Command and Control
	Vaughn, Sun Prairie, Manchester	CORAL (VFM022)		State Fire Ground # 1
	Black Eagle	ROSEBUD (VFM022)		State Fire Ground # 2
		COFFEE (VFM022)		State Fire Ground # 3
		MUNDAVY (VFM022)		State Fire Ground # 4
		GRANDVIEW (VFM022)		State Fire Ground # 5

When the incident is in the Light Trucking System, emergency communication will be on color channels or listed priority provided at Level 1 staging.

2016 MONTANA MUTUAL AID AND COMMON FREQUENCIES

	Local Agency	Color Name & National Designator	Radio Channel	Usage
General Use		GOLD		General Mutual Aid & Coordination
	Mercy Flight Ops	TAN (VME026)		State Air-to-ground Coordination
EMS		NEON		General Mutual Aid & Coordination
	Central E of Clinic	WHITE		Hospital/Ambulance & Hospital/Hospital
	Mercy Flight Ops	GRAY		Central Region Dispatch & Paging
SAR, DCS, Common		PINK		Western/Eastern Region Dispatch & Paging
	Search & Rescue	VIOLET (SAR NF90)		EMS Communications & Medical Staging
		PURPLE		National Search and Rescue
		BROWN		State Search and Rescue
	DNRC Air Support	GREEN		State DCS Direction and Control
		YELLOW		State/Federal Common State Forestry & Conservation
LID, IMA, IMA		ORANGE		State Forestry - Department of State Lands
	Central Coast	RED (VME026)		State Forestry - Department of State Lands
		SILVER		National Law Enforcement Emergency, Border Responsibility
		BLACK		State Law Enforcement Mutual Aid
		ALPHA		Law Enforcement Mutual Aid
		BRAVO		Law Enforcement Mutual Aid
		CHARLIE (VTAC 12)		Emergency Fire Use Only
Tactical/General Heavy	Highwood/Selby Repeater	DELTA (VTAC 10)		Tactical General Use Interoperability Channel
	Highwood/Selby Repeater	OSCAR (VTAC 13)		Tactical General Use Interoperability Channel
	Highwood/Selby Repeater	FOXTROT (VTAC 14)		Tactical General Use Interoperability Channel
	Highwood/Selby Repeater	GOLE (VTAC 15)		Tactical General Use Interoperability Channel

August Flooding Event



- Rainfall amounts: 2.5 to 3.5 inches in downtown Great Falls within one hour
- Greatest 1-hour rainfall: 1.13 inches, June 20, 1991 (Exceeded this value on August 9, 2016)
- Greatest 30-minute rainfall and last occurrence of intense rain: 1.04 inches, July 14, 2012 with 0.66 inches falling within a 15-minute period
- Significant flooding impacts to downtown Great Falls

State Preparedness Report



- **Required annually**
 - LEPC function
 - 164 page document
 - Compiled at the state and sent to FEMA nationally
- **First report was accomplished in 2015**
 - Sent to CC DES/CoGF late
 - Accomplished only by the two Emergency Managers
- **2016 report submitted 30 Sept to State DES**
 - Full LEPC participation
 - 11 mandatory areas to be addressed
 - Selected 4 optional areas
 - ✦ Access Control
 - ✦ Cyber-security
 - ✦ Operational Communications
 - ✦ Mass Care
- **Scale of 1-5 scoring/Ratings 0-20%/21-40%/41-60%/61-80%/81-100%**
- **Brief by exception ratings lower than 3 will have gaps identified**

Report Format



- The 32 Core Capabilities have been broken up into 4 groups (Rated HIGH MEDIUM or LOW)
- Rate your abilities for 11 Core Capabilities.
- Answer questions which provide valuable information to understand future training and resource needs.
- Option to rate another 21 areas
 - We selected four

Group Ratings



- **Common to all areas**
 - Planning (HIGH)
 - Public Information & Warning (HIGH)
 - Operational Coordination (HIGH)
- **Prevention**
 - Forensics & Attribution (LOW)
 - Intelligence & Information Sharing (HIGH)
 - Interdiction & Disruption (HIGH)
 - Screen, Search & Detection (LOW)

Group Ratings (Cont)



- **Protection**

- Access Control & Identity Verification (MEDIUM)
- Cyber Security (HIGH)
- Physical Protective (HIGH)
- Risk Management for Protection Programs & Activities (LOW)
- Supply Chain Integrity & Security (LOW)

- **Mitigation**

- Community Resilience (HIGH)
- Long-term Vulnerability Reduction (MEDIUM)
- Risk & Disaster Resilience Assessment (MEDIUM)
- Threats & Hazard Identification (HIGH)

Group Ratings (Cont)



- **Response**

- Critical Transportation (MEDIUM)
- Environmental Response / Health & Safety (HIGH)
- Fatality Management Services (MEDIUM)
- Fire Management & Suppression (HIGH)
- Logistics & Supply Chain Management (MEDIUM)
- Mass Care Services (HIGH)
- Mass Search & Rescue Operations (LOW)
- On-scene Security, Protection, & Law Enforcement (HIGH)
- Operational Communications (HIGH)
- Public Health, Healthcare, & Emergency Medical Services (HIGH)
- Situational Assessment (HIGH)
- Infrastructure Systems (HIGH)

Groups Ratings (Cont)



- **Recovery**
 - **Economic Recovery (HIGH)**
 - **Health & Social Services (HIGH)**
 - **Housing (HIGH)**
 - **Natural & Cultural Resources (HIGH)**

Planning



- **Capability Rating (4)**
- 1 – No plans/annexes exist
- 2 – Some plans/annexes exist
- 3 – Plans/annexes are complete but require update
- **4 – Plans/annexes are complete and have been updated within 5 years**
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Public Information and Warning



- Capability Rating (4)
- 1 – No plans/annexes exist
- 2 – Some plans/annexes exist
- 3 – Plans/annexes are complete but require update
- **4 – Plans/annexes are complete and have been updated within 5 years**
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Operational Coordination



- Capability Rating (4)
- 1 – No plans/annexes exist
- 2 – Some plans/annexes exist
- 3 – Plans/annexes are complete but require update
- **4 – Plans/annexes are complete and have been updated within 5 years**
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Interdiction and Disruption



- Capability Rating (2)
- 1 – No plans/annexes exist
- **2 – Some plans/annexes exist**
 - **Equipment/Training/Exercises/Organization**
- 3 – Plans/annexes are complete but require update
- 4 – Plans/annexes are complete and have been updated within 5 years
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Physical Protective Measures



- Capability Rating (3)
- 1 – No plans/annexes exist
- 2 – Some plans/annexes exist
- **3 – Plans/annexes are complete but require update**
- 4 – Plans/annexes are complete and have been updated within 5 years
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Risk and Disaster Resilience Assessment



- Capability Rating (1)
- **1 – No plans/annexes exist**
 - **No Teams/Response Times/Training/Exercises (local fix)**
- 2 – Some plans/annexes exist
- 3 – Plans/annexes are complete but require update
- 4 – Plans/annexes are complete and have been updated within 5 years
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Environmental Response/Health and Safety



- Capability Rating (3)
- 1 – No plans/annexes exist
- 2 – Some plans/annexes exist
- **3 – Plans/annexes are complete but require update**
- 4 – Plans/annexes are complete and have been updated within 5 years
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Fire Management and Suppression



- Capability Rating (4)
- 1 – No plans/annexes exist
- 2 – Some plans/annexes exist
- 3 – Plans/annexes are complete but require update
- **4 – Plans/annexes are complete and have been updated within 5 years**
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

On-Scene Security, Protection and Law Enforcement



- Capability Rating (4)
- 1 – No plans/annexes exist
- 2 – Some plans/annexes exist
- 3 – Plans/annexes are complete but require update
- **4 – Plans/annexes are complete and have been updated within 5 years**
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Situational Assessment



- Capability Rating (4)
- 1 – No plans/annexes exist
- 2 – Some plans/annexes exist
- 3 – Plans/annexes are complete but require update
- **4 – Plans/annexes are complete and have been updated within 5 years**
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Housing



- Capability Rating (2)
- 1 – No plans/annexes exist
- **2 – Some plans/annexes exist**
 - **Plans/Timelines not met/messaging**
- 3 – Plans/annexes are complete but require update
- 4 – Plans/annexes are complete and have been updated within 5 years
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Access Control and Identity Verification



- Capability Rating (3)
- 1 – No plans/annexes exist
- 2 – Some plans/annexes exist
- **3 – Plans/annexes are complete but require update**
- 4 – Plans/annexes are complete and have been updated within 5 years
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Cybersecurity



- Capability Rating (3)
- 1 – No plans/annexes exist
- 2 – Some plans/annexes exist
- **3 – Plans/annexes are complete but require update**
- 4 – Plans/annexes are complete and have been updated within 5 years
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Operational Communications



- Capability Rating (2)
- 1 – No plans/annexes exist
- **2 – Some plans/annexes exist**
 - **Equipment/Interoperability/SOP among jurisdictions**
- 3 – Plans/annexes are complete but require update
- 4 – Plans/annexes are complete and have been updated within 5 years
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Mass Care Services



- Capability Rating (4)
- 1 – No plans/annexes exist
- 2 – Some plans/annexes exist
- 3 – Plans/annexes are complete but require update
- **4 – Plans/annexes are complete and have been updated within 5 years**
- 5 – Plans/annexes are complete, up to date, and verified through either exercises or real world events
- N/A – Planning is not relevant for this capability

Special Work Session



PRE-DISASTER MITIGATION PLAN

WWW.COUNTYPDM.COM
PASSWORD: GREAT FALLS

Special Work Session



QUESTIONS