



RMC Members Present: Alex Viktora (BLM), Erin Phelps (USFS), Mack McFarland (NPS), Darryl Jones (NASF), Troy Phelps (BIA), Bill Troup (FEMA), Kelly Woods (NPS-LLC), Corey Butler (DOI), Mack McFarland (NPS), Molly West (USFS), Christa Hale (NIOSH), Eric Fransted (FWS-RMC Chair).

Darci Drinkwater (Executive Secretary), Tim Blake (NWCG Coordinator)

Guests: Patty O’Brien (MHSC), Richard Smith (FEMA), Miranda Stuart, Ben Iverson, Kelly Woods

Topic & Notes	Decision
<p>Red Book Edits:</p> <ul style="list-style-type: none"> • Mesh eyewear (replace page 174, lines 11-12) <ul style="list-style-type: none"> ○ Eye protection will be worn during all chainsaw operations including cleaning and fueling (meeting ANSI Z87.1). Steel mesh safety goggles are allowed during falling, bucking, and brushing operation. Face shields are only required where face protection has been identified in a Job Hazard Analysis/Risk Assessment (JHA/RA). Face shields must meet ANSI Z87.1. ○ Mesh eye protection is currently being utilized in the field. ○ Updating language in <i>NWCG Standards for Wildland Fire Chainsaw Operations</i>, PMS 212 • Assignment definition (addition to page 165, line 37) <ul style="list-style-type: none"> ○ Non-incident field work such as prescribed fires and fuels treatment projects are also considered assignments. ○ Statement does not cover duty officer or dispatch work. ○ Many prescribed fire responders not ordered via resource orders. ○ Need to close loopholes within agencies. ○ Supervisory responsibility to give employees appropriate days off. 	<p>APPROVAL of mesh eyewear language addition.</p> <p>Proposal of clarifying days off language will be approved via email.</p>
<p>Wildland Fire Meta Review and Histomap:</p> <ul style="list-style-type: none"> • Meta review Background: <ul style="list-style-type: none"> ○ Project leaders’ intent. “Don’t write a report that no one needs. Most important thing is that these reports get utilized.” ○ Reviewed ten years of accidents, 2007 to 2016. ○ Tracking engagement. ○ Conducted a focus group 2018. <ul style="list-style-type: none"> ▪ Reflect on experiences. ▪ Example: Reaction from firefighters in response to the 3rd day off. ▪ Focus group led to development of chapters. ▪ Hope to discover immerging issues. ○ Have previously focused on large events and recent events which has resulted in losing some day to day. <ul style="list-style-type: none"> ▪ RMC has been focused on the chapter “Quest for 1,000 hours of OT.” 	<p>Overall support to move forward with project.</p>

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<ul style="list-style-type: none"> ○ Recommendation is to consume and discuss. ○ Meta review webinar coming soon. ○ Wildland Fire Metareview US Forest Service Research and Development (usda.gov) ● Histomap: <ul style="list-style-type: none"> ○ Project developed from Metareview. ○ Concept began with how to visualize ten years of accidents in fire history. ○ Geospatial Forest Service teams helped build. ○ Two pieces: Map of incidents and list of incidents with icons. <ul style="list-style-type: none"> ▪ Links to Lessons Learned Centers (LLC) to learn more. ▪ Not complete tally of accidents uploaded based on learning documents. ▪ Can explore on the map by location. ▪ Can search by incident types. ▪ Next Friday March 17th, Histomap Phase 2 will go live hosting in the National Interagency Fire Center (NIFC) environment. ○ Phase 3: <ul style="list-style-type: none"> ▪ Envision input from all agency's' to increase access to other datasets, expand to additional learning products, and improve user experience/accessibility. ▪ Link to RMC and LLC ● Does RMC see value? <ul style="list-style-type: none"> ○ LLC has had conversations regarding. What does implementation look like? Events currently depicted are in the Metareview. Who is going to do the work? ○ Implementation: <ul style="list-style-type: none"> ▪ Platform and framework built. ▪ Thirty minutes to input learning review per incident. ▪ Experimenting with new technology. ▪ Details, interagency agreements, incorporate into LLC and work in partnership. 	
<p>Days Off/Fatigue/Work/Rest 2.0:</p> <ul style="list-style-type: none"> ● Phelps and Fransted discussing options with Booz Allen. ● Booz Allen Executive Summary: <ul style="list-style-type: none"> ○ Struggles: with day off and fit for duty. ○ Products: <ul style="list-style-type: none"> ▪ Tactical QLA 30 mins interview. ▪ In field RAG deployment. Understanding your individual readiness assessment based on fundamental human performance pillars through a subjective survey is key to identifying baseline and developing future protocols. ▪ Post field analytic insights. Partner with Data Science Analysts to conduct a thorough analysis on data collected. 	<p>Will email out recommendations for input by RMC.</p>

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<ul style="list-style-type: none"> ○ NWCG budget request not sufficient to cover, \$250,000 to \$300,000 for Phase 1/2 and Phase 3 optional wearable devices \$400,000 to \$1 million. <ul style="list-style-type: none"> ▪ Lots of questions before we commit. ▪ Trying to understand options. ○ FS WHOOP bands very voluntary, finding anecdotal data is difficult to use to make informed decisions at the system level. Data is more relevant at the personal and crew level. <ul style="list-style-type: none"> ▪ Discussing ways to partnership with DOI and states to utilize data better. Investing as an interagency community would be beneficial. ▪ Collectively gather data and reduce burden on firefighters, have a plan developed before engaging with the field. ○ Will need assistance in developing project perimeters. ○ Discussions with Incident Business Committee (IBC) on what changes can be made within current policy. ○ Shared Days Off/Fatigue briefing paper with Incident Management Response Roundtable (IMRR). <ul style="list-style-type: none"> ▪ Will brief at Northern Rocky’s Team meeting. ○ Develop recommendations for April EB meeting. <ul style="list-style-type: none"> ▪ Range of days off based on days worked. Sliding scale with IBC. ▪ OPM recommendations. ▪ Wearables, interagency to write study framework. ▪ Identify short term and long-term action. 	
<p>Term Review Risk Assessment:</p> <ul style="list-style-type: none"> • Risk assessment is a broad term. • Clarifying to use within planning section. • Retiring qualitative and quantitative risk assessment. 	N/A
<p>NWCG Updates:</p> <ul style="list-style-type: none"> • Context where NWCG is currently. <ul style="list-style-type: none"> ○ Staff preparing for meeting Executive Board in March. 15 topics and 109-page binder. <ul style="list-style-type: none"> ▪ Topics include Standards for Wildland fire first aid, filling gaps from OSHA standard. Requesting approval. ▪ Days off/Fatigue, IBC how to look at policy. ▪ IT Business needs. ○ SAFENET approval via email. ○ ETC-SW-23-01: Non-Specification Fire Shelters will be released this week. ○ Toolbox- Process for committee chair will be posted soon. 	N/A
<p>Subcommittee Updates:</p>	N/A

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<ul style="list-style-type: none"> • 6 Minutes for Safety (6MFS): <ul style="list-style-type: none"> ○ Daily topics approved and posted for April through June. ○ Six topics for RMC to review next month. ○ O’Brien working on mental health topics. ○ Subcommittee meeting yesterday. Discussed Week of Remembrance. ○ Thinking outside of the box for new topics. <ul style="list-style-type: none"> ▪ Yarnell hill staff rides importance of learning and incorporating a mental health perspective. Gain local firefighters’ perspective on mental health tips and tricks. ○ Chatting with NWCG Web in April about website revamping and options. • Hazard Tree and Tree Felling Subcommittee (HTTFS): <ul style="list-style-type: none"> ○ Focused on Faller 3, S-212 rewrite. <ul style="list-style-type: none"> ▪ S-212 will continue to be the name of the course. Linking up with Forest Service personnel who are developing a thinking sawyer course. ○ Course development plan has been submitted for Faller 3. <ul style="list-style-type: none"> ▪ Contracted with Softech. ○ Discussions about combining Faller 2 and Faller 1 into one course. ○ Committee tool kit release has revealed holes in our SOPs. <ul style="list-style-type: none"> ▪ Updating carter and membership. ○ Forest Service will be doing a soft roll out of, “A Thinking Sawyer.” <ul style="list-style-type: none"> ▪ Envision adding to S-212 not as a standalone requirement for fire sawyers. 	
<p>Lessons Learned Center (LLC) Updates:</p> <ul style="list-style-type: none"> • New product, Data Points. <ul style="list-style-type: none"> ○ Geared toward fire safety, fire directors. ○ Mini analysis for people that don’t read all analysis. Provide take aways from other products. Annual infographic and summary are out. • Website still being developed. <ul style="list-style-type: none"> ○ Due to contracting issues, we are currently not allowed to post new stuff to the old website and cannot post to new website yet. ○ Sending out link via Wordpress. ○ Developers are working quickly, testing this week and next. • Posted new podcast, “Learning in Wildland Fire Service.” • Sending out an email tomorrow with four new documents regarding prescribed fire burn injuries, and UTV roll overs. • Safety gram: <ul style="list-style-type: none"> ○ Two new entries: <ul style="list-style-type: none"> ▪ Volunteer firefighter driving to a vegetation fire. 	<p>Would like feedback on Data points from RMC.</p> <p>APPROVAL of SafetyGram submissions.</p>

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<ul style="list-style-type: none"> ▪ Volunteer firefighter struck by a power pole while on a vegetation fire. 	
<p>National Technology and Development Program (NTDP) Tech Updates:</p> <ul style="list-style-type: none"> • National Institutes of Health searching for a subject matter expert on flame resistant clothing to author a chapter. <ul style="list-style-type: none"> ○ Will discuss with PPE Subcommittee next week. • Fire shelter training materials will be posted to the website this month. • All projects moving along no significant updates. 	N/A
<p>Science Updates:</p> <ul style="list-style-type: none"> • NIOSH is conducting interviews for a Wildland Fire Lead. Hoping to have a selection next week. 	N/A-