GAE AAR December 2, 2015

Welcome: Morgan Pence
- **Role call:** Jeremy Sisneros, Jesse Duhnkrack, Michael Boomer, Shari Miller, Morgan Pence, Roshelle Pederson, Mesia Nyman, Mark Hale, Sam Amato, Tonja Opperman, Dan Mindar, Gwenan Poirier, Brian Maier, Dan Mindar, Jan Rea, Mark Nelson, Thomas St. Clair, Lisa Elenz, Nate Williamson, Ben Butler, Kathryn Pyne, Brian Sorbel, Kristy Swartz, Mitch Burgard, Kim Ernstrom, Diane Rau, Andrew Bailey, Thomas St. Clair, Erin Noonan, Marlena Hovorka,
- Notes – Tami Parkinson
- Review of agenda – we are going to make every effort to stay on the time frames and designed within the agenda

Monthly call agenda/format: Morgan reviewed the current format of the agendas, we received positive feedback from some GAE's regarding the overall format, scheduling etc

- More opportunities for dialog on how WFDSS updates are integrated, allowing the GAE's to have more of a voice for 2 way dialog

NWCG Memos:
Review past NWCG memos and determine if any need refreshed/updated
==Action Item==: Where do we want these memos updated/housed, make sure BIA is part of this group since they aren't part of the Red Book at this time
- maintain the Redbook for these updates rather than issuing new NWCG memos and trying to maintain those memos for ongoing currency as things change Including all of this information in the Appendix N
- **WFDSS implementation clarification white paper**
    - o Potentially updating the time frames – within the section "When a Published Decision is needed"….
        - ▪ Field personnel are having a hard time meeting the time frames identified within this memo, and we are potentially setting ourselves up for failure
    - o Redbook chapter 11 is almost identical language
        - ▪ If we are going to update the memo then we need to update the Redbook, there is now a tight time frame to get the updates done for the Redbook
    - o Potentially release another memo for 2016 field season, and update Red Book in 2017 – ==Action Item== **– Have small group update this document – Peter Butteri (AK Group), Shari Miller,**
        - ▪ Whatever recommendations we come up with takes this information through OWDC so the operations people are on board, or aware of
        - ▪ Where should policy guidance be housed, is NWCG the entity that should be issuing guidance on the use of WFDSS? Is this appropriate?
        - ▪ Who is going to track this through with OTC? This is to be determined

- **NWCG#005-2012 Wildland Fire Decision Support System and Role of Incident Management Teams**
    - Think about the guidance here, should this be reviewed/updated etc?
    - Most of this information is still sound, this is good for Line Officers to have as a reference
    - Might be worth an update to this document for the case of new line officers,
    - Where can this information be housed for a permanent reference, could this information be included within Appendix N
- **NWCG#014-2011 Wildland Fire Data and Fiscal Management for Complexes, Mergers, and Splits**
    - This memo was put together pre-IRWIN and WFDSS isn't included within the table in this document
    - Refer to this document as we go through the AAR we will hit on this topic through various discussions
- NWCG#012-2011 Wildland Fire Decision Support System Decision Documentation and GACG Responsibilities

IRWIN: Andrew Bailey and Roshelle Pederson
- Priorities:
    - Coverage – National coverage from as many organizational levels as possible – NASF and individual states
        - States who have WildCad – WA, AZ, automatically connected
    - Completeness
    - NWCG Data Standards – someone is going to want to "approve" the data that is being pushed, so there is ownership that insured for the agency
        - Need to be able to see the state of the data, quality etc
        - Getting a better understanding for terms/definitions and continue to update via NWCG as needed
- Year 1 – May 2015-March 2015, Year 2 April 2015- current
    - Only applications that write to IRWIN is CAD systems, IC209, WFDSS, Firecode
    - Most applications just need to USE the data and don't need to create the data
    - Number of incidents created by applications: Wildcad/Firecode in 2015 was big creators (Wildcad is the biggest creator with the trend to Wildcad 6)– in 2014 Wildcad/WFDSS and Firecode were the big creators
        - This was the benefit of transitioning to IRWIN where people don't need to recreate the incident in WFDSS or other systems the incident is actually created by the dispatch centers minimizing workload and duplicate fire incidents
    - Where problems are encountered within IRWIN is when the State enters something as does a Federal entity, by getting the states on line with IRWIN will help with duplicate fire entries

IRWIN Status, 3 year plan

- Wildcad receive updates
- ICS209 added fields – Fuel model
- Fire Occurrence reporting applications
    - WFME – will be doing some testing, part of the BETA testing in January
    - This will be mobile and web based
- XchangeCore
    - Dept of homeland security – shareware, made available for the states for emergencies, data feeds will got IRWIN
- Read-Only – FireStat, FAMWEB Data Warehouse, IQS, IQCS

IRWIN 4 Year plan:

- All CADS
    - 2017 CADS initial attack resources
    - Fire Response replaces TX dispatch tracker
    - Situation Analyst
        - Situational analysis tools is an EGP tool but there are a lot of states using this information,
    - ROSS
    - ElSuite
    - NFPORS/FACTS
    - XCHangeCore (more States)
    - FireStat
    - SIT (need to discovery) predictive services would like to have IRWIN populate the Situation report
    - AFF
- Continue providing updates to IRWIN as they appreciate this user community

Review of 2015: Morgan Pence, Mitch Burgard, Marlena Hovorka

- Action Items- review and status (Morgan)
    - Pull how many decisions were truly a State fire – Action item
    - Follow up on the security testing for WFDSS to ask about State access, requirements etc.
    - 13-14.2 – incident notes this information should be automatically included within the decision
- See the action items table for these notes

WFDSS Releases (Mitch/Marlena)

- Where we have been:

- New Default Editor – new vertical tabs, more intuitiveness, hyperlinks to the various sections, check boxes to include content, quickly add images and sections, removed validation tab, added cost tab, made changes to relative risk, benefits tab added, matching paper version of ONA to WFDSS
- Strategy slider and comment box, 85% of fires used this slider, some folks like it some don't,
- KBDI dynamic layer – came out post SE fire season, proof of concept to make the landfire layers more dynamic
- Bigger screen realestate
- Situation map pop up, very positive feedback
- Slide out menus, came out in the last release
- A lot of 508 compliance for accessibility issues
    - Added an enhanced accessibility feature within the system preferences
    - HUGE workload behind the scenes
- Hardware – moved to Sioux Falls to the data center… Denver to Sioux Falls – literally drove it there ☺

- Where are we now:
    - New Contract – currently in the no action period, just in the O and M period but NO development
        - Devils in the details as we aren't sure how much front end time is involved to get the new contractor up and running
    - Gridded weather project, trying to use gridded weather instead of point source weather from RAWS stations
        - Maybe 2017 for the models to use this data
    - 508 access is going to continue
- Where are we going:
    - Back log of 115 user suggestions, we hope to implement soon
    - Suggestions from this meeting will be beneficial in prioritizing the lists and adding new ideas to benefit the fire community in 2016
- Suggestions from GAE's
    - Going back and forth between the 2 editors (default and the advanced)
    - Character limitations were a headache for field folks, copying pasting out of word into WFDSS
        - Apostrophe, common, dashes, bullets, bolding etc causes issues when copied and pasted – These are on the list to fix
        - Some of the software upgrades can accept the verbiage from other platforms easier
            - Will some of this feedback be alleviated as folks become more comfortable with the new decision editor

- o Common themes that we might need some assistance from the GAE's on this winter for implementation next field season
- o Some folks didn't totally understand the strategy slider used it inadvertently not really knowing what it did or why they would use it
  - Morgan evaluated all fires from January through July?? Compared the slider information to the 209 and consistency etc.
  - Likely we need to do a better explanation as to what it does mean, how people can use this information to update their decision
  - This information doesn't go anywhere from WFDSS, no applications are fed with this information

2016 WFDSS Contract: Marlena Hovorka, Mitch Burgard
- o Status and timeframes – Ongoing, FAMWEB is released so WFDSS is going to be moving forward, transition should be complete by end of January, will be able to submit an AAR to do some modifications/updates – this takes 60 days for approval, while the AAR is moving forward we will be working on the enhancements we want made… so we are looking at April before there is formal approval to move forward, realistically the enhancements won't start till May so the changes likely wouldn't take place until July – so the question would be if we want to do a release during fire season, something to be discussed.
- o There are a lot of changes that have occurred, and we aren't privy to discuss at this time due to protocol
- o Will GAE's have a chance to prioritize the changes that are suggested, how /when can the GAE's have an opportunity to prioritize some of the wants or suggestions that have been made
  - o We aren't clear on the funding levels, how much money can we obligate to these new tasks
  - o We will need to have some discussions on if we really want to be doing releases during the fire season, that will need to be discussed and prioritized accordingly
  - o Turn arounds to bring stuff back to the contractor will need to be on very quick turn arounds

How to properly merge incidents: Marlena Hovorka, Andrew Bailey

How to do it, how does it/doesn't it interact with other reporting applications via IRWIN, what guidance exists
- o Task gropu under the data management committee to compile the guidance for merged fires to talk through the situations encountered this year – 2 day meeting in September
  - o Outcomes will be summarized and will be sent out via NWCG
- o 2 fires burn together
  - o Careful attention – choose one fire to be the consuming fire
    - Costs for the fire, jurisdictional considerations,
    - Once the 2 fires burn together these would then be considered as one fire

- ▪ Fires can be split where it makes sense – jurisdictionally, geographically
- ▪ Or if 2 fires burn together and one fire was declared out already, and the new fire burns to that declared out fire, these fires would stay single incidents
  - o In wildcad there will be a new field "merged" the fire that is consuming the other fire (child) the child fire will no longer have reported acres, this information will be frozen and the merge will take place and parent fire will continue the reporting process
  - o Where control needs to be added, Wildcad, 209,
  - o More work needs to be done from the perimeter side of things for records
- o Not to merge incidents in ROSS, nor Isuite
  - o Shari Miller, Andrew were part of this group to discuss the merged incidents
- o The report from this meeting will come out after the NWCG executive meeting
  - o How will people know about the opportunity for comments
    - ▪ Public review
    - ▪ Will share with GAE's when this is available – <mark>ACTION ITEM</mark>: December 15 – Andrew will share with Morgan who will send this to the GAE's
    - ▪ We will need to make sure the terminology is well described as the different between a merge, consume etc
    - ▪ Who needs to be in the room when these decisions are made so the down road ramifications can be discussed
- o Ideal place for tracking these incidents is in the CAD system rather than WFDSS

Review of AAR Survey Feedback: Morgan Pence

- • Are you getting what you need from the RD&A?
  - o Training materials posted too late
  - o Need more and updated training materials that address decision making process, philosophy etc in lieu of button pushing guides
  - o Modularized training is difficult to find specific information
  - o AA webinars greatly appreciated continue to provide these
  - o Put out an AA refresher prior to April 1 for AK geographic area
  - o Compliments to RDA regarding how we do our business
  - o THEMES – training materials need access to is sooner, in addition to AA webinars
  - o May try to have the AA training into smaller sound bites for 2016
  - o Agency Administrator training will be conducted this spring – <mark>Action Item</mark>
  - o Issues with data layers – vortices limitations etc – Andrew will follow up direct with Shari Miller – <mark>Action Item</mark>
- • Is the RD&A providing adequate materials/guidance/etc. for NEW GAEs to understand role and be successful?
  - o Yes webinars, online information, helpful to have access to past notes etc,
  - o Great to have in person support from RD&A in AK this past summer

     o   GA editor resources page is a great help for understanding the roles and responsibilities

December 3 Roll Call:

Tonja Opperman, Ben Butler, Brian Sorbel, Dan Mindar, Diane Rau, Gwenan Poirier, Jesse Duhnkrack, Kristy Swartz, Kim Ernstrom, Mark Hale, Mark Nelson, Nate Williamson, Shari Miller, Thomas St. Clair, Tim Sexton, Jeremy Sisneros, Mitch Burgard, Lisa Elenz,

Notes: Tami Parkinson

DOA/leaders intent Project: Tim Sexton
- Status
    - Background – over a decade ago it was recognized that Line Officers needed more involvement with Fire Management, to provide more oversight of IMT's, be more involved with strategic management,
        - Historically AA's left more decision making to the IMT's
    - 2014 recommendations: how can we stream line all of the processes for all the things that need to be done at the same time
        - DOA, WFDSS decision, Leaders Intent, In briefing package
        - Can all of these pieces and parts be auto populated as the decision documentation is being developed in WFDSS
            - In Briefing could be conducted by using WFDSS to orient the Team
        - The thought is to have it all in WFDSS, this would then auto populate the Delegation, Leaders Intent…
            - Most of what people reference within the inbriefing is covered within the WFDSS
        - Trying to minimize inconsistencies throughout these different documents
        - Trying to streamline the process to develop these documents, to help minimize the workload at the local level
    - Overall effort to ensure the 204's (division assignments) are tiered to the 202's (Incident Action Plan) which is then tiered to the Objectives in WFDSS, and the objectives are tiered to the strategic objectives as developed from LRMP
        - This ties to the Spatial Fire Planning efforts, how can we make the tie to the LRMP's, and make reasonable assumptions
        - Meeting at the end of January with some key people to help provide guidance to the field on how to proceed forward – including: ecosystem management directors, WO Fuels, OGC, etc.
    - Some input has been received from the field that we are nit picking decisions, some field folks agree the reviews are needed to help and provide some review of the decisional information. The intent is NOT to criticize decisions but to provide some feedback that will help units in the development of future decisions.

- We are working with NLOT, and briefing with field reps etc.
- If folks have feedback or other items to consider with the documents we are sharing please let us know
- We are open to suggestions and comments regarding these evaluations of various decisions
- Question: Is the Leaders intent really a separate document from DOA and how should the proceed forward? We will evaluate how best to bring this information forward to provide templates for the field to use
  - We are going to evaluate if this will decrease workload for units, and if it doesn't then this effort will be tabled
  - There won't be mandatory use of these products this upcoming year, but we will likely be testing the products to see how the thoughts work to streamline these processes.

Strategies for alleviating WFDSS overload in a busy season: Mark Hale
- GAE Strategies
  - What worked to alleviate WFDSS overload?
    - AK looked at their season, brought folks in early, rotated folks through the GACC early to share the workload, coordination with the folks coming in to provide some assistance with IMT's in place, Briefings prior to personnel being mobilized, brought in analysts early so help decision support and take the workload off the locals
      - Coordination calls all FBAN's/LTAN's were coordinating their efforts and trying to complete analysis as needed
      - Ability to download/export more data elements (all data on the information tab, cost info, if perimeter exceeds planning area)
      - Combining notification emails to a daily email rather than one for each incident
      - Sharing GA SOPs and protocol before resources were mobilized
    - CA Brought in SOPLs to help minimize the workload on the local units
      - Sharing resources and personnel to support analyses and decision support
      - Embedded with Area Command to help support multiple incidents from one point
    - WA
      - There are opportunities to tap into more of our militia, they are willing to help, but units needs to be reaching out to those folks
    - Preloading information pre season – Spatial fire planning will help some of this,
    - More need for training/scenarios – make sure Line Officers are engaged in these trainings

- Area Command and MAC groups are centralizing analysis products to help with prioritizations for a regional or bigger scale?
  - Feedback from a GAE perspective
    - R1 GMAC it was hard to get them to buy off of having centralized analysis
      - By the time the centralized center was stood up many of the local units had already established local support
    - Alaska SOPLs and analysts helped take the workload off of the local coordination,
      - Making the effort to integrate and establish a line of business/communication on expectations and how things should work
    - BLM CO – very quiet this year
    - R6
      - Development of local talent, MAC group established in central Oregon
      - Help authoring decisions as needed, Regional coordination
      - Built a good capacity of analysts that provided support virtually
    - BLM National
      - Difficulty with Line Officer interaction
        - When they are overwhelmed how do we get line officers to delegate or bring in support prior to hitting a breaking point
        - **Action Item**: Potentially include this in training
    - Grouping incidents etc was heavily used this fire season – Peter Butteri provided 5 pages of feedback

Incident Groups: Andrew Bailey, Shari Miller, Mitch Burgard
- Interaction with Complexes/Grouping WFDSS Decisions
  - NWCG tasking – Data management for Incident Complexe and Wildfires that merge
    - Tasking to Data mgmt. committee
      - Terms and definitions update glossary as needed
      - Guidance to help coordinate the different data systems, which system has the authority
      - Why Complex: useful to simplify including: – cost apportionment, resource ordering, reporting, decision making
      - Terms – Incident Complex – "an event established as a container in order to simplify management two or more incidents in the same general area which are assigned to a single incident commander or unified command."
        - An IC or IMT man manage multiple fires without creating a complex
      - Recommendations from task team – this information will be included in the information from Andrew in a few weeks.

- How does Complexing/Grouping simplify decision making
  - Life of fires, decision making leads to grouping for fires in the same planning area
  - Grouping in one decision
    - Embrace grouping similar to other apps
    - May or may not have same strategic objectives and management requirements
    - ==Action Item== Recommend application updates –
      - Clearly identify/formalize grouped fires by creating Incident "Groups" not Complexes
      - Specify Objectives/Requirements and COA items applicable to one or more fires.
- Application Update Brainstorming
  - Challenge – time consuming to add fires to group
    - Potential solutions: create group on incidents tab or incident groups tab
      - Enable parent child relationship for grouped fires
      - Business rules for consistency, naming conventions, fire id's etc.
      - Add fires by drawing a map shape, would need associated business rules
  - Challenge difficult to find fires within a group
    - Potential solution: continue ability to search for Fire name then display membership in group
  - Challenge: difficult to determine decision status for fires within a group
    - Potential solution: add decision status to incident and incident group list
    - After selection of any fire in Group, click on Decisions Tab to find Group Decision and its status
  - Challenge: ability to print decisions for multiple fires in a group
    - Potential Solution: add capability to print decisions from incident or incident groups page
  - Challenge: Difficult to print decision for fires within a group
    - Potential Solutions: Group decision pdf would clearly list the included fires
  - Challenge: Management of groups and complexes pushed by IRWIN
    - Potential Solutions: Prohibit deletion of groups associated with Decisions and change by non-owners
    - Retain ability for users to create, transfer, and delete groups not associated with decisions
    - Determine whether to retain ability for users to view complexes pushed by IRWIN

- Challenge: applicability of different objectives/requirement and COA items fo r fires within a group
  - Potential Solutions: add radio button for each fire on Objectives and COA tabs
- Ability to download/print decision PDFs for an entire group/complex simultaneously
  - Should be addresses by application updates, some of this could be mitigated by the solutions proposed above
- Interim steps until the contract is up and running for proposed changes etc
  - For Group decisions create group on groups tab and have users View Decisions to determine which fire decision is under
  - Formalize where users will document in decisions which fires are included ie: note in incident information section
  - *Add decision status to Incident List*
- Coordinate with IRWIN regarding data sharing
- <mark>Action ITEM</mark> Change and update WFDSS white paper on Complexing –

Feedback:

- Groups and Complexing is a priority to update with the system, to implement solutions
- We need a name for fires sharing the same decision, NOT complexes, or having the word complex in there
  - Need to be careful with our terminology
- We need to be careful with the changes that move forward to make as it could make the decision process and the application really complex and less intuitive
- Potentially put a small group on how all of this is going to work, the design and how or what the final intent of the changes would be – **Action Items (this is combined with the Action item directly above)**
- Keep the system simple for the users, lets not make it complicated for the end user

Objectives: Lisa Elenz

How to get units engaged in improving

- Line Officer engagement
- Tom Harbour indicated there was a trend of no site specific objectives for fires, the objectives written were applicable to fires across the landscape, not providing guidance to site specific incidents
  - o Project started in 2014
  - o Follow up in 2015 there is an appearance units are tyring to use more site specific objectives to provide guidance to IMT's
- Examples and guidance on RDA site
  - o http://www.wfmrda.nwcg.gov/line_officer_resources.php
- How can we get better buy in from the field, how can we better engage the line officers
  - o Already reaching out to NFML, NLOT but how else can we reach out to the various audiences
- Trying to have Line Officer engagement at all is an issue
  - o No body putting pressure on when things aren't completed or when line officers are failing there is no pressure
  - o Line officers aren't even reading the decisions
  - o Line Officers aren't really engaged and aren't reviewing due to the amount of other things that are going on,
  - o Trying to help out remotely can be good or bad
    - ▪ Depends on the local unit, personalities, don't see value in having additional help, vs a unit wanting assistance recognizing they are in need of help.
- Do line officer recognize that they need help, and how do we help with that recognition
  - o Need to convey the message at the highest levels that it is important to have a decision completed ie: fire directors, line officers etc.
  - o Need to have people willing to hold line officers accountable regarding line officer engagement and issuing/updating a decision
  - o Performance measures for line officers
    - ▪ Ie: did they inbrief the team?, WFDSS direction? Interaction with the teams,
  - o Coach Shadow program thoughts/updates provide feedback if interested
    - ▪ http://www.wfmrda.nwcg.gov/line_officer_resources.php
- Are the documents or examples we have provided are they helping?
  - o The paper Tim provided regarding the objectives project, tips/tricks etc.
- Incident Objectives chart from Tonja
  - o Asked for feedback, showed where it is posted on the website
- Potential objectives webinar -
  - o To help provide training in small tech bites, modularizing the training, ie: Objectives, COA, Rationale etc.
- Requiring incident objectives to publish a decision

- o If there aren't objectives how do we tie back to the LRMP?
- o How do you do objectives for a decision that covers 30 different fires?
    - ▪ The fires need to fall into the same types of management of the fires
- o Complicated to explain the difference in strategic objective, incident objective and COA how do we differentiate among these three items?
- o Requiring Objectives :Poll indicates: 78% yes, 22% No
- o Is it worth looking into making a change in the interim while SFP gets up to speed.
    - ▪ 57% support 43% decline
- **Action Item:** sign up to evaluate the idea of making objectives required for a decision and looking at the potential implications – send Lisa a note if you are interested.
- Using WFDSS to support vs. document decisions

Analysis: Brenda Wilmore, Tonja Opperman
- FSPro overuse/misuse
    - o Several fire behavior tools that are super easy to use, and a lot of use of FSPro
    - o Are we refreshing FSPro too regularily?
    - o Are we teaching our decision makers to just use the red probability zone that those will be a perimeter?
    - o How do reach folks to update the true intent of these models?
        - ▪ Refresher training maybe through the lessons learned site, mailing out through the fban/ltan mailing lists
        - ▪ Potentially an evaluation project, what was the perimeter after 14 days?
    - o GSAN community
        - ▪ Extremely smart folks but may not have some of the ground experience to really
    - o Advanced fire practices group
        - ▪ **Action Item**: Potentially a spring refresher to bring Finney or how to use some of these models, appropriate model for the job
    - o As frontal passages were passing over areas, people were tweaking their analyses to account for these passage… FSPro is already taking in some of these frontal passages
        - ▪ Could Finney provide some overarching guidance on the use of FSPro or models in general
        - ▪ **Action Item**: Finney podcast
- Standards for Fire Behavior Specialists, review and update if needed
    - o Use of GSAN without oversight/field verification
        - ▪ From a GSAN – side boards how much should they be doing
        - ▪ LTAN's feedback that GSAN's are being used when LTAN's are available
        - ▪ LTAN feedback that GSAN's are competent in performing the job
        - ▪ WFDSS qualification isn't tied to a red card
            - • Fire behavior specialist – approved by the GAE for that area

- GAE's developed the standards for fire behavior specialists to have had 495
  - o Thoughts from the attendees
    - Taskbook for GSAN – exactly the same as LTAN
    - Do we really need the position of GSAN?
    - AK – LTAN is in charge of farming out the analysis work
    - R6 – is implanting the same type of philosophy as AK
    - Used GSAN types to do some analyses to spread the workload, but they were working with some oversight
    - Do we need to write a paper that daylights the roles of LTAN/GSAN so folks are over extending their positions or liabilities
    - People outside the fire behavior community are asking these GSAN's to do or play a role above and beyond their training
      - GSAN training is 490/495, not required to have line quals
    - ==Action Item==: Morgan will send out the document GAE's put together regarding the GSAN position/fire behavior specialist position
    - Not necessarily a WFDSS decision, so the requirement of 495 for a fire behavior specialist, a GAE could technically find a fire behavior specialist to do an analysis but the GAE wouldn't know if they are LTAN or not.
    - ==Action Item==: Bring this topic up on the January call, please read/review the document Morgan sent out, to discuss where this topic should go or how to proceed forward with recommendations.

Sharing analyses in review status between analysts, is there a better way?
- Need to have the ability to feel safe and do some testing and validation with their runs
- People are becoming more comfortable sharing analyses or decisions
- 67% yes we need to evaluate this, 33% No current method works
- ==Action Item==: Put together a small group to evaluate the best way to share analysis runs within WFDSS
  - o Need to have super analysts as well as folks who aren't a super analyst

Spatial Fire Planning: Mark Hale
- Lessons learned/changes people are going to make over the winter that they want to share
  - o Focused fire information is helping to boil down strategic objectives
  - o Using risk framework GTR, zones
- Pitfalls to avoid
  - o Working in a vacuum
    - Need to talk with line officer, other resource areas etc
  - o Deep dive the data training webinars this past spring were very successful
- October 1 – 42 units have switched to Spatial fire planning
- Updated strategic objectives uploads the schedule is posted.

- **http://www.wfmrda.nwcg.gov/SpatialData/Docs/FMU_Update_Sched.html**
- Mark is helping various units this spring, if you need assistance coordinate with him
- Deep Dive data webinars will be conducted this spring again
- Use what you have if it works don't be scared to transition to the spatial fire planning
- Looking to provide a glide path on getting folks to a completed product
- Work with Line Officers, get with your fire staffs etc, to put it on the FLT agenda
- Sharing information and tips and tricks folks are learning

Closeout/Wrap up- as needed: Morgan Pence, All

- What worked/what didn't with this AAR
  - Not many people on the call, maybe some scheduling conflicts, good format, informative and well organized
  - Appreciated staying on schedule so folks could hop on and off as needed
  - Breaking the call up over 2 days was helpful