

**FMB Members in Attendance:** Aitor Bidaburu (USFA), Chad Fisher (NPS), Shawn Nagle (NPS), Meagan Conry (BLM), Sarah Fisher (USFS), Brad Koeckeritz (OAS), Julian Affuso (USFS), Aaron Baldwin (BIA), Shane McDonald (FWS), Dave Haston (USFS), Erin Horsburgh-Chair (OWF)

**Staff:** Tim Blake (FMB Facilitator), Darci Drinkwater (Executive Secretary)

**Guests:** Jackie Martin (BIA), Katie Wood (NWCG), Jesse Bender (IWDG), Nick Nauslar (PSOG), Robyn Heffernan (NWS), Derrek Hartman (PSOG), Heath Hockenberry (NWS)

Topic & Notes	Decision
<p><b>NWCG Updates: FMB Facilitation/Note Taking, Annual Meeting, and Joint off-site Meeting with NWCG:</b></p> <ul style="list-style-type: none"> <li>• Moving forward will big initiatives Wildfire Commission, Complex Incident Management (CIM), and Systems Improvement.               <ul style="list-style-type: none"> <li>○ Due to these initiatives would like to develop a plan to transition facilitator/notetaker from NWCG staff out of those positions to focus on NWCG initiatives.</li> <li>○ Ties will NWCG are important but may not be the most appropriate role for the facilitator to be that tie.</li> <li>○ Suggestion for chair to bring in support staff but smaller agencies would have a difficult time accomplishing.</li> </ul> </li> <li>• Extend invitation for FMB to attend NWCG in-person offsite meeting in April and to attend the Annual meeting.</li> </ul>	<p>Conry to work on transition plan.</p>
<p><b>Agency Administrators (AA) Representatives on Incident Workforce Development Group (IWDG):</b></p> <ul style="list-style-type: none"> <li>• Recommendations from BIA, USFS, BLM, and NPS.</li> <li>• Developing ways to make the best use of representative’s time.</li> <li>• Suggestion to make AAs a subgroup under IWDG.               <ul style="list-style-type: none"> <li>○ With one representative attending IWDG meetings.</li> </ul> </li> <li>• Need to provide context for what they need to do.               <ul style="list-style-type: none"> <li>○ Create expectations.</li> <li>○ Feedback needs to go up and down the chain.</li> <li>○ Request FMB to be present with AA’s representatives at initial meeting.</li> </ul> </li> </ul>	<p>Bender, Conry and Affuso to develop expectations.</p>
<p><b>Predictive Services Oversight Group (PSOG):</b></p> <ul style="list-style-type: none"> <li>• Intent is to demonstrate the need for PSOG to integrate with National Weather Service (NWS).</li> <li>• Current needs are being met.               <ul style="list-style-type: none"> <li>○ 30,000 spot requests last year, each spot is 45 minutes of work.</li> <li>○ Meeting demands to date but at the expense to other operational mission areas.</li> </ul> </li> </ul>	<p>Support for integration of NWS and PSOG.</p> <p>Further discussion at October meeting.</p>

*Additional information beyond these meeting notes (i.e., handouts, presentations, maps, etc.) will require a FOIA request to ensure proper privacy regulations are followed. Please request via FOIA Online website at <https://www.doi.gov/foia/make-a-request>*



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<ul style="list-style-type: none"> <li>○ Staffing needs have not been updated since 2000.</li> <li>● NWS needs to build capacity for the future. <ul style="list-style-type: none"> <li>○ To meet the increasing demand and changing scope of wildland fire and prescribed fire.</li> <li>○ Purposing 44 new full-time employees (FTEs). <ul style="list-style-type: none"> <li>▪ 4- additional Fire Weather Program support positions.</li> <li>▪ 7- new IMETs placed in Weather Forecast Offices (WFOs) with the greatest fire weather work.</li> <li>▪ 30- new IMETs placed in WFOs with the greatest fire weather work.</li> <li>▪ 3- additional Storm Prediction Center Fire Weather Forecaster to run a fire weather forecast service continually.</li> </ul> </li> <li>○ Fuel treatments: <ul style="list-style-type: none"> <li>▪ Due new legislation Land Management Agencies will need to double or triple annual fuel treatments increasing spot forecast workload.</li> <li>▪ Large fuel treatments will likely require onsite IMET support.</li> </ul> </li> </ul> </li> <li>● Planning of the Future: <ul style="list-style-type: none"> <li>○ Full integration of NWS fire weather services with land management agency partners for Fire Environment Decision Support Services that are comprehensive of the entire fire environment.</li> <li>○ Field is being required to formulate decisions based on several sources of information.</li> <li>○ If elements of fire behavior are analyzed and produced separately, we miss the critical interactions between them.</li> <li>○ Subject Matter experts (SMEs) are producing the independent components, but not stitching them together.</li> </ul> </li> <li>● Gallinas-Las Dispensas Prescribed Fire Declared Fire Review: <ul style="list-style-type: none"> <li>○ Finding: <ul style="list-style-type: none"> <li>▪ Very few SMEs to interpret fire behavior and weather patterns.</li> </ul> </li> <li>○ Recommendations: <ul style="list-style-type: none"> <li>▪ Increase access to fire weather and fuels environments analysis.</li> <li>▪ Leverage Predictive Services and Joint Fire Science exchange network to foster learning through technology transfer from research operations.</li> <li>▪ Ensure that practitioners have access to the best science, technology, and tools, and that they are condiment and practiced in their usage. This includes a robust fire behavior and weather analysis as part of the planning process.</li> </ul> </li> </ul> </li> <li>● NOAA Fire Weather Testbed:</li> </ul>	

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<ul style="list-style-type: none"> <li>○ Objectives: <ul style="list-style-type: none"> <li>▪ Move advanced technologies and applications to operational platforms as quickly as possible.</li> <li>▪ Bring fire weather community together to leverage knowledge and expertise resulting in quick technological advances.</li> <li>▪ Reach beyond NOAA to build collaborations and partnerships with user communities and research entities.</li> </ul> </li> <li>○ Anticipated outcomes: <ul style="list-style-type: none"> <li>▪ Better tools to detect fires early.</li> <li>▪ Advanced tools for incident-based product delivery.</li> <li>▪ Improved week to seasonal fire weather forecasts.</li> <li>▪ Users have the critical information the need for informed decisions.</li> <li>▪ Initial projects: Fire Environment Mapping System and Red Flag work.</li> </ul> </li> <li>● Requesting approval to move forward with purposed plan. <ul style="list-style-type: none"> <li>○ Will ultimately require Congressional approval.</li> </ul> </li> </ul>	
<p><b>Dingell Act Cost Breakdown:</b></p> <ul style="list-style-type: none"> <li>● Estimated cost per handheld unit: <ul style="list-style-type: none"> <li>○ One time cost per unit \$550. Includes device acquisition and activation.</li> <li>○ Annual subscription per device \$600.</li> <li>○ Total cost for 100 units over 5 years \$355,000.</li> <li>○ Integration, training, and logistics will be covered by USFS.</li> </ul> </li> <li>● DART Interagency Management stand-up: <ul style="list-style-type: none"> <li>○ Initial planning meeting week of October 12<sup>th</sup>.</li> <li>○ Focus will be on issuing Request for Information before the end of calendar year 2022.</li> <li>○ Plan to release Request for Proposal by 2<sup>nd</sup> quarter FY23.</li> <li>○ Primary goals: <ul style="list-style-type: none"> <li>▪ Development of integration with existing tracking devices.</li> <li>▪ Development of common operating picture and deployment to USFS rolling stock beginning no later than June 2023.</li> </ul> </li> </ul> </li> <li>● USFS is preparing a contract for handheld devices which will allow award to several vendors with primary choice of vendor having the ability to provide an Application Programming Interface (API) so tracking data can be ingested and integrated to common operating picture.</li> <li>● 15 million to implement.</li> </ul>	<p>Support for cost breakdown.</p>



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<p><b>National Interagency Fire Center (NIFC) Dashboard:</b></p> <ul style="list-style-type: none"><li>• Discussing at National Multi-Agency Coordinating Group (NMAC).</li><li>• Need to define business need and then work with Wildland Fire Information and Technology (WFIT).</li><li>• Fire Desk prefers EGP.</li><li>• Incident Management Situation Report (IMSR):<ul style="list-style-type: none"><li>○ Antiquated.</li><li>○ Real time data would require significant increase in staffing.</li></ul></li><li>• Questions for discussion:<ul style="list-style-type: none"><li>○ Is real time data needed?</li><li>○ Public or internal facing?</li><li>○ Level of interactivity?</li><li>○ Governance?</li><li>○ Common operating picture?</li></ul></li></ul>	<p>Request demo for October meeting.</p>