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Guests: Jesse Bender (IWDG), Dave Celino (IWDG), Mike Falkowski (NASA), Steve Weidner (NASA), Chris Clark (NASA)

Topic & Notes	Decision
<p>Incident Performance and Training Modernization (IPTM) Update:</p> <ul style="list-style-type: none"> • Awarded next contract call order to kick-off the next 16 positions on April 29. • 60+ subject matter experts (SMEs) will be traveling to Boise. • Contactor on track to complete the performance support packages for seven of the first ten positions by June 2024. • Continue to message to the field and presented at Incident Management Team preseason meetings across all geographical areas. • Identifying cost/time efficiencies. <ul style="list-style-type: none"> ○ Combined position analysis workshops and reduced workshop duration. ○ Reduced lines of effort from 862 to 281. • Positions initiated in 2023: <ul style="list-style-type: none"> ○ Command – Safety Officer, Field (SOFF) ○ Operations – Firing Boss, Single Resource (FIRB), Felling Boss, Single Resource (FELB), Faller 1, 2, and 3 (FAL 1/2/3) ○ Air Operations – Helicopter Crewmember (HECM), Aircraft Base Radio Operator (ABRO), and Fixed Wing Parking Tender (FWPT) ○ Dispatch – Expanded Dispatch Recorder (EDRC) and Expanded Dispatch Support Dispatcher (EDSD) ○ Planning – Status/Check-In Recorder (SCKN) ○ Finance – Personnel Time Recorder (PTRC) and Equipment Time Recorder (EQTR) • Position initiated in 2024: 	<p>N/A</p>

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<ul style="list-style-type: none"> ○ Command – Incident Commander Type 5 (ICT5), Public Information Officer Type 3 (PIO3), and Public Information Officer, Technician (PIOT) ○ Operations – Firefighter Type 2 (FFT2), Firefighter Type 1 (FFT1), and Engine Boss, Single Resource (ENGB) ○ Dispatch – Initial Attack Dispatcher (IADP), Aircraft Dispatcher (ACDP), Expanded Dispatch Supervisory Dispatcher (EDSP), and Expanded Dispatch Coordinator (CORD) ○ Planning – Resource Unit Leader (RESL), Documentation Unit Leader (DOCL), and Demobilization Unit Leader (DMOB) ○ Resource Advisor – Archaeologist (ARCH), Resource Advisor (READ), Resource Advisor, Fireline (REAF), and Resource Advisor Coordinator (REAC) ● Position Project Completion <ul style="list-style-type: none"> ○ Summer 2024 – EDRC, EDSO, PTRC, EQTR, FELB, ABRO, and FAL3 ○ Fall 2024 – SOFF, HECM, and FWPT ○ Spring 2025 – FIRB, FAL2, FAL1, ICT5, FFT1, IADP, ACDP, RESL, DOCL, and DMOB ○ Early Summer 2025 – PIO3, PIOT, ENGB, READ, REAF, REAC, ARCH, EDSP, and CORD ● Project discovery: <ul style="list-style-type: none"> ○ Identified scare skill gaps: <ul style="list-style-type: none"> ▪ NWCG currently has one Online Training developer. ▪ NWCG only has two Writer/Editors. ○ Continuing to manage SME attrition due to various reasons. ○ Maintaining awareness of NWCG system maintenance throughout the process. ○ Planning for future metrics of success. 	
<p>Incident Workforce Development Group – Update:</p> <ul style="list-style-type: none"> ● Incident Management Team (IMT) Evaluation and Agency Administrator (AA) Feedback Forms: <ul style="list-style-type: none"> ○ Based on input from the AA Subgroup, the two forms are now available on the NMAC website for use, https://www.nifc.gov/nicc/logistics/reference-documents. ● Minimum AA Standards/Qualifications: <ul style="list-style-type: none"> ○ AA Subgroup has been discussing agency requirements for AAs with the intent of developing a recommended baseline for all agencies to adopt. ○ Communications with executives may be required to enact the baseline. ○ Focus is on competencies, using the <i>NWCG Standards for Recognition of Prior Learning (RPL)</i>, PMS 309, as a development tool. 	<p>N/A</p>

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<ul style="list-style-type: none"> • <i>NWCG Wildland Fire Risk and Complexity Assessment (RCA)</i>, PMS 236 and Wildland Fire Decision Support System (WFDSS): <ul style="list-style-type: none"> ○ AA Subgroup requested review for minor but important updates. <ul style="list-style-type: none"> ▪ Removal of Type 2 and 1 IMTs as organizational outputs. ▪ Meeting this week to talk through that request. • Fire Executive Council (FEC) Memo: <ul style="list-style-type: none"> ○ Issued in February, https://fs-prod-nwcg.s3.us-gov-west-1.amazonaws.com/s3fs-public/doc/eb-iwdg-fec-memo-cim.pdf. ○ Ensure distribution through agencies/organizations as appropriate. ○ FMB to consider whether to issue any additional messaging. • National Rotation: <ul style="list-style-type: none"> ○ Currently still in Round 1. ○ The rotation is functional and NMAC is already identifying lessons learned and feedback for After Action Reviews (AARs) to improve the business practices for next year. • IMT Operating Standards: <ul style="list-style-type: none"> ○ Attaining quality and constructive feedback from stakeholders has been challenging. ○ The draft document and associated templates are still in progress. ○ IWDG intends to present these soon as recommendations for adoption. ○ Some of recommendations will require development and/or finalization of product templates (ex: incident summary document). • Open Taskings: <ul style="list-style-type: none"> ○ NMAC L2023-09: Standardized PL – CGAC has mostly completed this tasking and will send a final response to NMAC soon. ○ NMAC L2023-10: Priority Trainee Programs – CGAC is reviewing their draft response and consolidating feedback from stakeholders before finalizing for submission. NMAC has approved an extension on the tasking timeline. ○ NMAC L2023-02: Increasing Incident Support Capabilities – IWDG has provided a response for element #3 and is in the process of finalizing the response for elements #1 and #2. <ul style="list-style-type: none"> ▪ Element #3 – IWDG developed a draft action plan for review and discussion to help NMAC in prioritizing and tasking specific actions related to the recommendations. More follow up will occur with NMAC. • Phase 2 and other IWDG work: 	

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<ul style="list-style-type: none"> ○ IWDG meeting at the end of April to develop recommendations for continued improvements to Complex Incident Management (CIM) in Phase 2 of implementation along with other efforts or recommendations to ensure sustainable workforce for future. ○ Will present draft for discussion by July Joint Meeting. ○ Assessment of IWDG charter and membership would be appropriate at that time as well to ensure IWDG is meeting the needs and has the representation to be successful. ● Fall AAR: <ul style="list-style-type: none"> ○ Will send out a calendar poll for late October/early November dates to each group. ○ Meeting will be held in Boise, Idaho, location to be determined after date selection. ○ Based on feedback on last year’s AAR, a virtual option may or may not be available this year. ○ Will determine that and other details related to scheduling in coordination with the FMB, NMAC, and NWCG chairs. 	
<p>Fatigue Update and New Occupational Safety and Health Administration (OSHA) Rule:</p> <ul style="list-style-type: none"> ● Fatigue Update: <ul style="list-style-type: none"> ○ SME panel discussion – NASA, Air Force, Special Ops Com, Centers for Disease Control (CDC), National Institute for Occupational Safety and Health (NIOSH), U.S. Army, and International Association of Fire Fighters (IAFF). <ul style="list-style-type: none"> ▪ How did you start assessing fatigue? ▪ Research plan – where did they start? ▪ Research to practice. ○ Key take ways: <ul style="list-style-type: none"> ▪ Focus on recovery ▪ Physical vs. mental fatigue ▪ Assessment of best practices ○ Research recommendations: <ul style="list-style-type: none"> ▪ Interim – use existing data sources and current efforts. ▪ Future – assessment, mitigation, and recovery. ○ Best practices: <ul style="list-style-type: none"> ▪ Promote recovery at multiple time scales. ▪ Assess nutrition and sleep. ▪ Find ways to promote better sleep hygiene. ● OSHA rule: <ul style="list-style-type: none"> ○ OSHA is proposing to update existing 29 CFR 1910.156, Fire Brigades standard. 	<p>OSHA is requesting comments on the new standard for DOI/USFS.</p>

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<ul style="list-style-type: none"> <ul style="list-style-type: none"> ▪ Standard would be called Emergency Response. ○ Federal agency OS&A programs must be consistent with OSHA standards, or agencies can develop their own standards for approval by the Secretary of Labor. ○ Why is 1910.156 being updated: <ul style="list-style-type: none"> ▪ Current 1910.156 was promulgated in 1980 with only minor revisions since then. ▪ Does not address the full range of hazards facing emergency responders. ▪ Delay in changes to protective equipment performance, national consensus standards, and industry practices. ▪ More closely align with emergency response best practices established by the Federal Emergency Management Administration. ○ Summary of rule: <ul style="list-style-type: none"> ▪ More robust requirements and framework for the safety, health, and well-being. ▪ Include the alignment with current Federal regulations and industry consensus standards issued by the National Fire Protection Association (NFPA). ▪ Broader coverage for Emergency workers beyond firefighters and addressing of a wider range of occupational hazards. ○ Highlights for wildland fire: <ul style="list-style-type: none"> ▪ Medical, health, and well-being – medical exams, surveillance, behavioral health, and fitness. ▪ Training – HAZWOPER Fires Responder Awareness level, CPR, AED trained, assessment of best practices. ▪ Facilities – provide for decontamination, disinfection, cleaning, and storage of Personal protective equipment (PPE). Vehicle exhaust exposure prevention measures. No contaminated PPE in sleeping and living areas. ▪ PPE – comply with NFPA standards, cross decontamination before leaving scenes, no contaminated gear, or PPE in vehicle compartments, respiratory protection for responders. ○ OSHA is seeking input on the potential impacts of incorporating by reference of various NFPA standards, and how equivalency, or consistency could be achieved if the NFPA standards were not incorporated by reference, i.e. using NWCG standards. 	
<p>NASA Concept of Operations:</p> <ul style="list-style-type: none"> • NASA’s role: <ul style="list-style-type: none"> ○ Interagency collaboration in co-developing and fielding innovative new wildland fire technologies. 	<p>N/A</p>

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<ul style="list-style-type: none"> • Office of Management and Budget (OMB) directed NASA to undertake the development of an interagency wildland fire management ConOps. <ul style="list-style-type: none"> ○ Describes characteristics for a proposed system to communicate the overall quantitative and qualitative organizational objectives from an integrated systems point of view. ○ Input from 120 SMEs. ○ Supporting use case white papers with follow up tabletop exercises. ○ Industry input from three working group sessions. ○ 400+ reference reports, documents, studies, and articles. ○ Two years of work. ○ Next step – collaborative interagency ownership. • Overview: <ul style="list-style-type: none"> ○ Prescribed burns ○ Remote sensing ○ Airspace management ○ Logistics ○ Suppression • Development system: <ul style="list-style-type: none"> ○ Working group ○ Use case driven development. ○ Stakeholder feedback and workshops ○ Systems architecture ○ Industry working group ○ ACERO demos ○ Technology roadmap • Gaps and limitations: <ul style="list-style-type: none"> ○ More fires and longer seasons ○ Imbalance in the wildland fire management system chain ○ Complexity of the wildland fire governance and influence structure ○ Degraded visual environment limitations on aerial support to ground firefighters and communities ○ Reliance on manual airspace management ○ Persistent connectivity • Desired future state: <ul style="list-style-type: none"> ○ Incorporation into agency strategic plans 	

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<ul style="list-style-type: none"> ○ Obtaining approval for, establishing, and staffing program offices ○ Securing necessary congressional/government funding ● Strategic observation: <ul style="list-style-type: none"> ○ Big data analytics ○ Modeling and simulation ○ Data visualization in decision support ○ Ground, space-based, airborne, and crowd-sourced remote sensing technologies ○ Persistent connectivity ○ Private, public, and philanthropic partnering ● Desired future state concepts: <ul style="list-style-type: none"> ○ Assessment of prior year activities ○ Re-fire risk mitigation ○ Dynamic pre-fire risk intelligence ○ Autonomous drones for rapid initial attack ○ Data informed recovery efforts ○ Focus, funding, structure, and culture adjustments 	