

Butler Fire

Incident Action Plan

8/21-22/2013 Night Shift




Thunderstorm Awareness

- **Outflow/Downdrafts can affect the fire from as far as 10 miles away.**
- **Sudden reversal in wind direction, rise in wind speeds and a sharp drop in temperatures are signs of a developing storm.**
- **Heavy rain, hail and lightning occur in the mature stage of a thunderstorm.**
- **Review the “6 Minutes for Safety” for further Thunderstorm Safety guidelines attached in the IAP.**
- **Rain could close Salmon River Road to Vehicle Traffic. Have an alternate route pre-planned.**

CA-SRF-1388

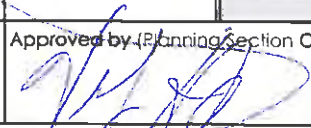
P5HS91




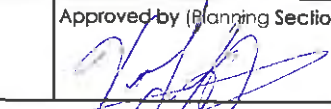
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|---|--|--|-------------------------|---|--|---|---|--|--|---|---------------------------------------|--|
| INCIDENT OBJECTIVES | 1. Incident Name Butler | 2. Date 8/21/2013 | 3. Time 10:00 | | | | | | | | | |
| 4. Operational Period <p style="text-align: center;">8/21-22/2013 1800-1000</p> | | | | | | | | | | | | |
| 5. General Control Objectives for the Incident (Include alternatives) OPERATIONAL OBJECTIVES <ul style="list-style-type: none">• Provide for firefighter and public safety through the application of the risk management process.• Utilize tactics which provide for the protection of private property and infrastructure.• Keep the Butler fire:<ul style="list-style-type: none">○ South and west of the Salmon River to Hotelling Ridge.○ East of Some Mountain down to Orleans Mountain continuing to Salmon Summit.○ South of the line from Some Mountain to Butler Flat.○ North of the Siskiyou / Trinity County line from Salmon Summit to Hotelling Ridge. | | | | | | | | | | | | |
| 6. Weather Forecast for Period <p style="text-align: center;">See attached forecast</p> | | | | | | | | | | | | |
| 7. Resource Protection Guidelines MANAGEMENT OBJECTIVES <ul style="list-style-type: none">• Ensure fire suppression operations minimize negative fire effects.• Utilize minimum impact suppression tactics (MIST) within wilderness areas and in other land use designations as appropriate.• Prevent transportation of noxious weeds into the incident location.• Utilize Resource Advisors to assess impacts to sensitive historic, cultural, wildlife, and plant resources.• Manage the fire in a cost effective manner commensurate with values at risk.• Keep cooperators, communities, and concerned citizens informed. | | | | | | | | | | | | |
| 8. Attachments (mark if attached) <table border="0" style="width: 100%;"><tr><td><input checked="" type="checkbox"/> Organization List - ICS 203</td><td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td><td><input checked="" type="checkbox"/> Weather</td></tr><tr><td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td><td><input checked="" type="checkbox"/> Incident Map</td><td><input checked="" type="checkbox"/> Safety Message</td></tr><tr><td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td><td><input type="checkbox"/> Traffic Plan</td><td><input checked="" type="checkbox"/> LCES Worksheet</td></tr></table> | | | | <input checked="" type="checkbox"/> Organization List - ICS 203 | <input checked="" type="checkbox"/> Medical Plan - ICS 206 | <input checked="" type="checkbox"/> Weather | <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 | <input checked="" type="checkbox"/> Incident Map | <input checked="" type="checkbox"/> Safety Message | <input checked="" type="checkbox"/> Communications Plan - ICS 205 | <input type="checkbox"/> Traffic Plan | <input checked="" type="checkbox"/> LCES Worksheet |
| <input checked="" type="checkbox"/> Organization List - ICS 203 | <input checked="" type="checkbox"/> Medical Plan - ICS 206 | <input checked="" type="checkbox"/> Weather | | | | | | | | | | |
| <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 | <input checked="" type="checkbox"/> Incident Map | <input checked="" type="checkbox"/> Safety Message | | | | | | | | | | |
| <input checked="" type="checkbox"/> Communications Plan - ICS 205 | <input type="checkbox"/> Traffic Plan | <input checked="" type="checkbox"/> LCES Worksheet | | | | | | | | | | |
| 9. Prepared by (Planning Section Chief) VAL LAMBETH | | 10. Approved by (Incident Commander)  | | | | | | | | | | |

| ORGANIZATION ASSIGNMENT LIST | | Ground Support Unit | Harry Zabel/Jim Hong (t) | | |
|---|--|---------------------------------------|--|-----------------|------------------|
| 1. Incident Name: Butler | | Communications Unit | Ken Earl | | |
| | | Medical Unit | Clayton Thomas | | |
| | | Food Unit | Jay Westlake | | |
| 2. Date | Time | 9. Operations Section | | | |
| 8/21/2013 | 14:34 | Day Ops Chief | John Truett/Jim Durrwachter/John Teutrine(t) | | |
| 4. Operational Period | | Deputy Day Ops | Alec Lane/Curtis Coots (t) | | |
| 08/21-22/2013 | | 1800-1000 | | Night Ops Chief | Robert Bertolina |
| Position | Name | Planning Ops | Robin Wills/Chris Stevens (t) | | |
| 5. Incident Commander and Command Staff | | a. Branch I – Division/Groups | | | |
| Incident Commander | Mike Quesinberry/Mike Minton | Branch | Dave Pereira | | |
| Deputy IC | | Division/Group | A / B | K. Khayasu | |
| Liaison | Kent Swartzlander | Division/Group | C/D/E/F | Unstaffed | |
| Safety Officer | Terri Knauth / Michele Tanzi | | | | |
| Information Officer | Judith Downing/Jim Mackensen/Kathy Harding | | | | |
| 6. Agency Representative | | b. Branch II – Division/Groups | | | |
| Agency | Name | Branch | Steve Burns | | |
| Agency Admin | Patty Grantham | Division/Group | G | Unstaffed | |
| | | Division/Group | H | John Wood | |
| Agency Admin Rep | Dave Hayes | Division/Group | K | Unstaffed | |
| FS Cultural Rep | Frank Lake | Division/Group | W | Thomas Goheen | |
| Lead Resource Advisor | Joe Blanchard | | | | |
| County Sheriff | Kevin Miller | | | | |
| Cal Fire | Hugh Scanlon | | | | |
| Klamath Community Liaison | Jim Bennett | | | | |
| Hoopa Tribal Chair | Danielle Vigil-Masten | Division/Group | Salmon Structure | Unstaffed | |
| Karuk Tribal Rep | Bill Tripp | Staging Area Manager | Staging | Unstaffed | |
| Hoopa Agency Rep | Kevin Lane | d. Air Operations Branch | | | |
| IARR | Duane Tewa / Orlando Carroll | Air Operations Branch Director | Dustin Mueller (t) | | |
| CCC Rep | Susan Jones | Air Support Group Supervisor | Sean Cox/Steve Beale/Scott Plue | | |
| 7. Planning Section | | Air Tactical Group Supervisor | Joel Lane / D. Williams (t) | | |
| Chief | Darrel Schwilling / Valery Lambeth Walter Herzog (t) | Air Tactical Group Supervisor | Carl Piper / Rico Gonzalez (t) | | |
| Deputy | | HeliBase Manager | Brad Bernardy | | |
| Resources Unit | Lou Ann Charbonnier / Chris Wikeen Rita Mustatia | 10. Finance Section | | | |
| Situation Unit | Alan Taylor/Bobby Olds (t) | Chief | Judy Palmer/Rachel Corkill | | |
| Documentation Unit | Jessica Hollingworth | Deputy Chief | | | |
| Demobilization Unit | Gary Deboi | Personnel Time Unit | Shannon Ammon | | |
| Fire Behavior Unit | Jessica Wade | Equipment Time Unit | Veronica Rasmussen (t) | | |
| Long Term Fire Analyst | Cary Newman/Dana Bagnoli (t) | Cost Unit | Sissie Griffith | | |
| Incident Meteorologist | Bob Tobin / Christian Cassell (t) | Compensation / Claim Unit | | | |
| | | Procurement | Ron Schilz / Karie Linn (t) | | |
| Technical Specialist | George Steele | IBA | Karyl Georgiro | | |
| Training Specialist | Seneca Smith(t) | | | | |
| GISS | Kyle Felker/ Matt House (t) | | | | |
| Status Check-In | Monique Dumlao | | | | |
| Human Resource Advisor | Daniel Gonzalez | | | | |
| 8. Logistics Section | | | | | |
| Chief | Sally Browning/Cindy Schiffer (t) Mike Jellison/Ken Kumpe(t)/ | | | | |
| Deputy | | | | | |
| Supply Unit | Richard Sheets | | | | |
| Facilities Unit | Jeff Hutala | Prepared By: Chris Wikeen- RESL | | | |

| ORGANIZATION ASSIGNMENT LIST | | | |
|--|--------------------------------------|----------------------------------|---------------|
| 1. Incident Name | | Butler / Forks Camp | |
| 2. Date | 8/21/2013 | Time | 11:34 |
| 4. Operational Period | | 08/21-22/2013 1800 - 1000 | |
| Position | Name | | |
| 5. Incident Commander and Command Staff | | | |
| Incident Commander | | | |
| Deputy IC | Pete Duncan | | |
| Liaison | | | |
| Safety Officer | Jeff Barnhart/Bob Kafke | | |
| Information Officer | Jenny Lynn Bruner | | |
| 6. Agency Representative | | | |
| Agency | Name | | |
| Agency Admin | | | |
| Agency Admin Rep | | | |
| FS Cultural Rep | | | |
| Lead Resource Advisor | | | |
| County Sheriff | | | |
| Cal Fire | | | |
| Klamath Community Liaison | | | |
| Hoopa Tribal Chair | | | |
| Karuk Tribal Rep | | | |
| Hoopa Agency Rep | | | |
| 7. Planning Section | | | |
| Chief | | | |
| Deputy | Dave Sinclear / Bob Patton (t) | | |
| Resources Unit | | | |
| Situation Unit | | | |
| Documentation Unit | | | |
| Demobilization Unit | | | |
| Fire Behavior Unit | | | |
| Long Term Fire Analyst | | | |
| Incident Meteorologist | | | |
| Technical Specialist | | | |
| Training Specialist | Bob Rivelle | | |
| GISS | | | |
| Status Check-In | | | |
| Human Resource Advisor | | | |
| 8. Logistics Section | | | |
| Chief | Brett Shurr / Pat Howard (t) | | |
| Deputy | Michael Burchard | | |
| Supply/Ordering Unit | Teddy Messenger | | |
| Facilities Unit | Frank DelCarlo | | |
| Ground Support | George Price | | |
| Receiving & Distribution | Chris Combs | | |
| Medical Unit | Claudia Kutscher / Ryan Reginato (t) | | |
| Communications Unit | Phil Shafer | | |
| | | 10. Finance Section | |
| | | Chief | |
| | | Deputy Chief | Lois Charlton |
| | | Personnel Time Unit | |
| | | Equipment Time Unit | |
| | | Cost Unit | |
| | | Compensation / Claim Unit | |
| | | IBA | |
| Prepared by: Chris Wikeen-RESL | | | |

| DIVISION ASSIGNMENT LIST | | 1. Branch | | 2. Division/Group | | | |
|---|----------------------------|---|----------------|---------------------------|----------------------------|---------------------|---------|
| | | I | | A/B | | | |
| 3. Incident Name | | 4. Operational Period | | | | | |
| Butler | | NIGHT OPERATIONS | | | | Date: 08/21-22/2013 | |
| | | Time: 1800 - 1000 | | | | | |
| 5. Operations Personnel | | | | | | | |
| Operations Chief | | Robert Bertolina | | Division/Group Supervisor | | Kato Ichiyasu | |
| Branch Director | | | | Air Operations | | Dustin Mueller | |
| 6. Resources Assigned this Period | | | | | | | |
| Strike Team/Task Force/ Resource Designator | Leader | Last Shift | Number Persons | Trans. Needed | Drop Off PT./Time | Pick Up PT./Time | |
| HC2IA FIRESTORM #3 (C-17) | Chris Sprague | 8/22 | 20 | N | DP-2 / 1900 | 0800 | |
| HC2IA FIRESTORM #6 (C-18) | Jimmy Ramirez | 8/26 | 20 | N | DP-2 / 1900 | 0800 | |
| ENG3 AWE E17 (E-278) | Jeff Stanovich | 8/27 | 3 | N | DP-2 / 1900 | 0800 | |
| ENG5 PERKINS (E-354) | Kyle Woodruff | 8/29 | 3 | N | DP-2 / 1900 | 0800 | |
| WT2 HARRIS (E-12) | Bob Ashworth | 9/02 | 1 | N | DP-2 / 1900 | 0800 | |
| WT2 LEPAGE (E-107) | Jim Lepage | 9/03 | 1 | N | DP-2 / 1900 | 0800 | |
| WT2 CJ FIRE SUPPORT (E-331) | Kevin Antousen | 8/28 | 1 | N | DP-2 / 1900 | 0800 | |
| DOZ STRIEFF (E-17) | Randy Strieff | 8/30 | 1 | N | DP-2 / 1900 | 0800 | |
| TFLD (O-382) | Burns Brimhall | 8/28 | 1 | N | DP-2 / 1900 | 0800 | |
| TFLD (t) (O-387) | Robert Allan | 8/28 | 1 | N | DP-2 / 1900 | 0800 | |
| SOF2 (O-263) | Timothy Stanton | 8/21 | 1 | N | DP-2 / 1900 | 0800 | |
| FEMP (O-282) | Lucas Lambert | 8/24 | 1 | N | DP-2 / 1900 | 0800 | |
| FEMT (O-279) | Jobee Farrer | 8/23 | 1 | N | DP-2 / 1900 | 0800 | |
| 7. Control Operations | | | | | | | |
| <ul style="list-style-type: none"> • Check fire spread south of McNeal creek • Prevent the fire from crossing Knownothing ridge • Continue to assess structures and provide point protection along Salmon River Road, south of DP-30 | | | | | | | |
| 8. Special Instructions | | | | | | | |
| <ul style="list-style-type: none"> • Keep the Forks of the Salmon General Store personnel informed of any planned firing • SOF2 will be Branch I Safety (A/B/W) | | | | | | | |
| 9. Division/Group Communication Summary | | | | | | | |
| Function | Frequency | System | Channel | Function | Frequency | System | Channel |
| Command | RX 168.0750 TX 170.4250 | CMD 1 | 1 Tone 3 | | RX TX | | |
| Tactical Division/Group | RX 166.5500 TX 166.5500 | TAC 5 | 10 Tone 3 | Air to Ground Command | RX 171.5375 TX 171.5375 | A/G CMD | 13 |
| Prepared by (Resource Unit Leader) | | Approved by (Planning Section Chief) | | | Date | | Time |
| Chris Wikeen | |  | | | 8/21/2013 | | 13:21 |

| | | | | | | | | |
|---|----------------------------|---|---|-------------------------------|----------------------------|----------------|-------------------|------------------|
| DIVISION ASSIGNMENT LIST | | 1. Branch II | | 2. Division/Group H | | | | |
| 3. Incident Name Butler | | 4. Operational Period NIGHT OPERATIONS Date: 08/20-21/2013 Time: 1800 - 1000 | | | | | | |
| 5. Operations Personnel | | | | | | | | |
| Operations Chief | | Robert Bertolina | | Division/Group Supervisor | | John Wood | | |
| Branch Director | | | | Air Operations | | Dustin Mueller | | |
| 6. Resources Assigned this Period | | | | | | | | |
| Strike Team/Task Force/ Resource Designator | | Leader | | Last Shift | Number Persons | Trans. Needed | Drop Off PT./Time | Pick Up PT./Time |
| HC2IA Mountaineers (C-21) | | Tom Wesley | | 8/27 | 21 | N | DP-50 / 1900 | 0800 |
| ENG3 CLCX Brush 30 (E-227) | | Ryan Johnson | | 8/22 | 3 | N | DP-50 / 1900 | 0800 |
| ENG2 Storey E 171 (E-226) | | Ray Thompson | | 8/22 | 3 | N | DP-50 / 1900 | 0800 |
| FEMP (O-108) | | Mike Mallet | | 9/02 | 1 | N | DP-50 / 1900 | 0800 |
| FEMP (O-109) | | Davis Doty | | 9/02 | 1 | N | DP-50 / 1900 | 0800 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 7. Control Operations | | | | | | | | |
| <ul style="list-style-type: none"> Hold and mop up Monitor fire behavior and patrol for spot fires if safe to do so | | | | | | | | |
| 8. Special Instruction | | | | | | | | |
| <ul style="list-style-type: none"> Be prepared to drive out to the pavement from DP-50 if RED FLAG weather develops | | | | | | | | |
| 9. Division/Group Communication Summary | | | | | | | | |
| Function | Frequency | System | Channel | Function | Frequency | System | Channel | |
| Command | RX 168.0750 TX 170.4250 | CMD 1 | 1 Tone 3 | | RX TX | | | |
| Tactical Division/Group | RX 168.2375 TX 168.2375 | TAC 7 | 12 Tone 3 | Air to Ground Command | RX 171.5375 TX 171.5375 | A/G CMD | 13 | |
| Prepared by (Resource Unit Leader) | | | Approved by (Planning Section Chief) | | | Date | Time | |
| Chris Wikeen | | |  | | | 8/21/2013 | 11:16 | |

| | | | | | | | |
|---|----------------------------|---|---|-------------------------------|----------------------------|------------------|---------|
| DIVISION ASSIGNMENT LIST | | 1. Branch II | | 2. Division/Group W | | | |
| 3. Incident Name Butler | | 4. Operational Period NIGHT OPERATIONS Date: 08/21-22/2013 Time: 1800 - 1000 | | | | | |
| 5. Operations Personnel | | | | | | | |
| Operations Chief | | Robert Bertolina | | Division Group Supervisor | | Thomas Goheen | |
| Branch Director | | | | Air Operations | | Dustin Mueller | |
| 6. Resources Assigned this Period | | | | | | | |
| Strike Team/Task Force/ Resource Designator | Leader | Last Shift | Number Persons | Trans. Needed | Drop Off PT./Time | Pick Up PT./Time | |
| ENG6 CCP E861 (E-287) | Christie Lapaz | 8/26 | 3 | N | DP-8 / 1900 | 0800 | |
| ENG6 PAT E405 (E-286) | Ike Isakson | 8/21 | 4 | N | DP-8 / 1900 | 0800 | |
| WT2 Let-er-Buck (E-97) | Mike Havasell | 8/31 | 1 | N | DP-8 / 1900 | 0800 | |
| WT2 Ken's (E-95) | Don Andrews | 9/03 | 1 | N | DP-8 / 1900 | 0800 | |
| WT2 Fireline Support (E-108) _{DS} | Richard Tradel | 9/02 | 1 | N | DP-8 / 1900 | 0800 | |
| PUMP ECAM (E-161) | Steve Martin Jr. | 8/21 | 1 | N | DP-8 / 1900 | 0800 | |
| FEMP (O-232) | Kelland Wolf | 8/27 | 1 | N | DP-8 / 1900 | 0800 | |
| FEMP (O-343) | Jeffery Cochran | 8/25 | 1 | N | DP-8 / 1900 | 0800 | |
| 7. Control Operations | | | | | | | |
| <ul style="list-style-type: none"> Assess structures and provide point protection Keep fire from crossing Salmon River road Be prepared to support firing operations | | | | | | | |
| 8. Special Instructions | | | | | | | |
| <ul style="list-style-type: none"> Fill tanks at Oak Bottom river access | | | | | | | |
| 9. Division/Group Communication Summary | | | | | | | |
| Function | Frequency | System | Channel | Function | Frequency | System | Channel |
| Command | RX 168.0750 TX 170.4250 | CMD 1 | 1 Tone 3 | | RX TX | | |
| Tactical Division/Group | RX 168.2000 TX 168.2000 | TAC 3 | 8 | Air to Ground Command | RX 171.5375 TX 171.5375 | A/G CMD | 13 |
| Prepared by (Resource Unit Leader) | | | Approved by (Planning Section Chief) | | | Date | Time |
| Chris Wikeen | | |  | | | 8/21/2013 | 12:47 |



Butler Fire Incident Weather Forecast



FORECAST NO: 19 N
PREDICTION FOR: Wednesday Night Shift
SHIFT DATE: August 21/22, 2013
FORECAST ISSUED: 1000 August 21st, 2013

NAME OF FIRE: Butler Fire
UNIT: SRF
Incident Meteorologist: Bob Tobin
Christian Cassell(T)

WEATHER DISCUSSION: An approaching upper low will move overhead Thursday and then away from the area Thursday night. There is a chance of thunderstorms especially after 1800 PDT this evening, with heavy showers and a few thunderstorms likely for Thursday. Rain chances will begin to diminish by late Thursday evening. The main impacts with this system will be the potential for heavy downpours, small hail, gusty and erratic winds and localized flash flooding.

Heavy downpours possible through Thursday afternoon.
Red Flag Warning in effect until 5 pm Thursday for abundant lightning.

FORECAST FOR TONIGHT (WEDNESDAY NIGHT SHIFT):

WEATHER: Areas of smoke. A 40% chance of thunderstorms.
MIN TEMPERATURES: 62 – 72F.
MAX RH: 35 – 45% ridges and mid-slopes and 55 – 65 % if no rain. 80 - 90% if it rains.
WIND (EYE-LEVEL): Southeast general wind 5 to 8 mph with gusts to 12 mph above mid-slope. Light terrain-driven 2 to 3 mph otherwise. ***Gusty and erratic winds possible near any thunderstorms.***
LAL: 3 CWR: 30%

WEATHER FORECAST FOR THURSDAY:

WEATHER: Showers likely with a chance of thunderstorms.
WIND (EYE-LEVEL): Variable 2 to 5 mph. ***Gusty and erratic winds possible near any thunderstorms.***
MAX TEMPERATURES: 70 - 85F...coolest along ridges.
MIN RH: 35 - 45% if no rain. 55% and higher where rain.
LAL: 3 CWR: 50%

FORECAST FOR THURSDAY NIGHT SHIFT:

WEATHER: Areas of smoke. Residual rain or showers ending by mid-evening. Clearing skies with fog forming by morning.
MIN TEMPERATURES: 50 - 55F.
MAX RH: 80 – 100%...highest mainly in drainages.
LAL: 1 CWR: <5%
WIND (EYE-LEVEL): Light and variable wind...except Southwest 1 to 3 mph at ridgetops.

OUTLOOK FOR FRIDAY:

WEATHER: Patchy fog. Areas of smoke. Becoming mostly sunny by afternoon.
WIND (EYE-LEVEL): Winds becoming West or Southwest or Upslope/Upvalley 2 to 5 mph with gusts to 10 mph.
MAX TEMPERATURES: 72 - 85F...coolest along ridges.
MIN RH: 25 – 35%
LAL: 1 CWR: 0%

EXTENDED OUTLOOK SATURDAY THROUGH MONDAY:

WEATHER: Variable cloud cover. Patchy fog Saturday night through Sunday morning. Areas of smoke.
WIND (EYE-LEVEL): Generally Southwest 2 to 5 mph with gusts to 10 mph ridges. Light terrain-driven winds otherwise.
MIN TEMPERATURES: 48 – 55F...coolest along drainages and protected valleys.
MAX TEMPERATURES: 73 – 88F...coolest toward the ridges.
MIN RH: 20 - 30%...highest at ridges. MAX RH: 75 - 95%...highest in drainages.

FIRE BEHAVIOR FORECAST

FORECAST NO. 40

UNIT: CA-SRF

PREDICTION FOR: 8/21-22/13 Night

NAME OF FIRE: Butler Fire

DATE & TIME ISSUED: 8/21/13 0900

SIGNED: Jessica Wade-FBAN

WEATHER AND FUELS SUMMARY: *Thunderstorm chances are high tonight*

>> Min. temps: 62-72; Max. RH – Valley, 60-65%, Ridges 35-45%.

>> Eye Level Wind: Southeast 5 to 8

>> Forecasted ERC for Klamath NF West Side: 65 (Average for this time of year)

>> 1000 hr fuels: average 8% measured on Div K on 8/7/13

GENERAL FIRE BEHAVIOR:

Thunderstorms will promote rapid spread tonight both before dark and after dark. If this occurs, torching and runs are likely, which will loft embers and cause spotting. Up to a quarter of a mile spread is possible with wind and/or steep slopes, which could threaten the line by spotting onto the west side of the ridge.

If no Thunderstorms move over the fire, the higher relative humidity will moderate the fire spread tonight. Woody downed fuels will support the most active burning throughout most hours of the night. The leaf litter will not sustain fire above 40% RH.

| | With Thunderstorm Outflows | Clear conditions without Rain |
|-------------------------|--|---|
| Rate of Spread | 20 ch/hr or more in direction of outflow | Head fire: ½ to 2 ch/hr Flanking fire: ½ ch/hr |
| Flame Lengths | 10 feet | 2 feet |
| Spotting Distance | ¼ mile | 100 feet |
| Probability of Ignition | 30% | 30% |

SPECIFIC FIRE BEHAVIOR:

DIV A– No significant fire behavior is expected on this division. Interior green islands should continue to burn out.

DIV B - The firing operation from the previous shift has secured the line in most areas, however interior torching could still cause spotting across the line. Firing conditions tonight are expected to be favorable until the early morning hours in areas of timber litter. Areas with brush fuels are not expected to consume in a firing operation tonight.

DIV F, G, H & K- Mixed conifer and Knob cone pine will support burning early in the shift, moderating after dark. Activity in this area will continue to burn upslope at a moderate ROS and flank at a low ROS. Fuel moisture in the shrub fuels remains high enough to act as a heat sink and slow fire spread as it burns up toward the ridges. Hot rolling material will aid fire spread in to the bottom of these drainages and could slope reverse at moderate ROS until it hits brush or areas with little fuels.

DIV W – Downed woody debris will continue to carry fire late in to the shift. As the relative humidity goes above 40% leaf litter will stop contributing to fire spread.

SAFETY: Gusty and erratic outflow winds with thunderstorms. Fire behavior will significantly increase as they pass over the fire area. Expect these storms to be dry, so have a plan for you and your crew.

| INCIDENT RADIO COMMUNICATIONS PLAN | | | Incident Name | | | Date/Time Prepared | | | Operational Period Date/Time | | |
|--|--------------------|--------------|-----------------------|-------------------|---------|---|-----------------|---------------------------------|---|--|--|
| INCIDENT RADIO COMMUNICATIONS PLAN | | | BUTLER | | | 08/20/13 0726 HRS. | | | NIGHT 08/21-22/13 1800-1000 | | |
| Only frequencies listed on this 205 are authorized for use on this incident. | | | | | | Hand programmers accept all responsibility for the use of unauthorized frequencies. | | | | | |
| Ch # | Function | Channel Name | Assignment | RX Freq N or W | RX Tone | TX Freq N or W | TX Tone | Mode | Remarks | | |
| 1 | COMMAND | CMD 1 | ORLEANS LO | 168.0750 N | | 170.4250 N | Tone 3 131.8 | A | MAIN BODY OF FIRE | | |
| 2 | COMMAND | CMD 2 | 96 / 93 TRAVEL | 170.4125 N | | 165.9625 N | Tone 3 131.8 | A | NORTH END OF FIRE AND TRAVEL ON 96 AND 93 | | |
| 3 | COMMAND | CMD 3 | ICP | 163.0375 N | | 170.0250 N | Tone 3 131.8 | A | ICP COMMUNICATIONS | | |
| 4 | COMMAND | CMD 4 | HELIBASE | 164.7750 N | | 170.4625 N | Tone 3 131.8 | A | COMMS TO HELIBASE | | |
| 5 | COMMAND | CMD 5 | NOT ACTIVATED | 162.1875 N | | 172.5500 N | Tone 3 131.8 | A | SOUTH END OF FIRE | | |
| 6 | TACTICAL | TAC 1 | DIV D / K | 166.7250 N | | 166.7250 N | Tone 3 131.8 | A | NIFC TAC 5 | | |
| 7 | TACTICAL | TAC 2 | DIV C / STAGING | 168.0500 N | | 168.0500 N | | A | NIFC TAC 1 | | |
| 8 | TACTICAL | TAC 3 | DIV W | 168.2000 N | | 168.2000 N | | A | NIFC TAC 2 | | |
| 9 | TACTICAL | TAC 4 | DIVE / F / G | 168.6000 N | | 168.6000 N | | A | NIFC TAC 3 | | |
| 10 | TACTICAL | TAC 5 | DIV A / B | 166.5500 N | | 166.5500 N | Tone 3 131.8 | A | R5 TAC 4 | | |
| 11 | TACTICAL | TAC 6 | FORKS STRUCTURE GROUP | 167.1125 N | | 167.1125 N | Tone 3 131.8 | A | R5 TAC 5 | | |
| 12 | TACTICAL | TAC 7 | DIV H | 168.2375 N | | 168.2375 N | Tone 3 131.8 | A | R5 TAC 6 | | |
| 13 | AIR TO GROUND | A / G CMD | ALL DIVISIONS | 171.5375 N | | 171.5375 N | | A | AIR TO GROUND COMMAND | | |
| 14 | AIR TO GROUND | A / G TAC | ALL DIVISIONS | 171.1375 N | | 171.1375 N | | A | AIR TO GROUND TACTICAL | | |
| 15 | MEDIVAC | CALCORD | MEDICAL TACTICAL | 156.0750 N | | 156.0750 N | Tone 6 156.7 | A | MEDIVAC AIR COORDINATION | | |
| 16 | URGENT AIR CONTACT | AIRGUARD | ALL DIVISIONS | 168.6250 N | | 168.6250 N | Tone 1 110.9 | A | USE ONLY FOR URGENT AIRCRAFT CONTACT | | |
| Prepared by | | | | Incident Location | | | | | | | |
| KENNETH EARLE / PHIL SHAFER, COM1 NORCAL TEAM #1 | | | | ORLEANS, CA | | | | LAT: N37 19.23 LONG: W122.02.42 | | | |

INCIDENT RADIO COMMUNICATIONS PLAN

Incident Name: **Butler IA Group** Date/Time Prepared: **08/21/13 1032 HRS.** Operational Period Date/Time: **NIGHT 08/21-22/13 1800-1000**

Only frequencies listed on this 205 are authorized for use on this incident. Hand programmers accept all responsibility for the use of unauthorized frequencies.

Klamath National Forest IA Frequencies Salmon Net

| Ch # | Function | Channel Name | Assignment | RX Freq N or W | RX Tone | TX Freq N or W | TX Tone | Mode | Remarks |
|------|-----------------|--------------|---------------|----------------|---------|----------------|----------|------|---|
| 1 | KNF DISPATCH | KNF RT5 | ALL AS NEEDED | 164.1750N | | 164.9750N | T5,146.2 | A | ROUTINE TRAFFIC, T5 ORLEANS PK |
| 2 | KNF DISPATCH | KNF RT6 | ALL AS NEEDED | 164.1750N | | 164.9750N | T6,156.7 | A | ROUTINE TRAFFIC, T6 EDDIE GULCH |
| 3 | KNF IA DISPATCH | KNF SAM | IA RESOURCES | 171.50000N | | 172.4000N | T5,146.2 | A | IA DISPATCH IN THE SALMON RD AREA, T5 ORLEANS PK |
| 4 | KNF IA DISPATCH | KNF SAM | IA RESOURCES | 171.50000N | | 172.4000N | T6,156.7 | A | IA DISPATCH IN THE SALMON RD AREA, T6 EDDIE GULCH |
| 5 | IA TACTICAL | NFC T2 | IA TAC | | | 168.2000N | | A | |
| 6 | KNF A/G PRI | KNF AG-P | AS NEEDED | 166.5625N | | 166.5625N | | A | |
| 7 | KNF A/G SEC | KNF AG-S | AS NEEDED | 169.1250N | | 169.1250N | | A | |

Six Rivers National Forest IA Frequencies

| | | | | | | | | | |
|----|--------------------|----------|------------------|------------|--|------------|----------|---|--------------------------------------|
| 8 | SRF DISPATCH | SRF RT2 | ALL AS NEEDED | 168.7250N | | 170.1250N | T2,123.0 | A | |
| 9 | SRF DISPATCH | SRF RT5 | ALL AS NEEDED | 168.7250N | | 170.1250N | T5,146.2 | A | |
| 10 | SRF IA TACTICAL | NFC T-2 | IA TAC | 168.2000N | | 168.2000N | | A | |
| 11 | SRF A/G PRI | SRF AG-P | AS NEEDED | 167.6000N | | 167.6000N | | A | |
| 12 | SRF A/G SEC | SRF AG-S | AS NEEDED | 166.8750N | | 166.8750N | | A | |
| 13 | HOOPA FIRE RPT | HPA RPT | AS NEEDED | 155.3850N | | 150.8050N | T3,131.8 | A | |
| 14 | COMMAND | CMD 1 | ORLEANS LO | 168.0750 N | | 170.4250 N | T3 131.8 | A | MAIN BODY OF FIRE |
| 15 | MEDICAL | CALCORD | MEDICAL TACTICAL | 156.0750 N | | 156.0750 N | T6 156.7 | A | |
| 16 | URGENT AIR CONTACT | AIRGUARD | ALL DIVISIONS | 168.6250 N | | 168.6250 N | T1 110.9 | A | USE ONLY FOR URGENT AIRCRAFT CONTACT |

Prepared by

Incident Location
MODE: A - ANALOG, D - DIGITAL

Ken Earle, Phil Shafer COM1 NORCAL 1

ORLEANS, CA

BUTLER FIRE PHONE LIST

As of 8/19/2013

Incident Commander & Staff

| Position | Name | PHONE # | Cell PHONE # or other | FAX |
|-------------------------|-------------------|--|-----------------------|-----|
| NIMO Incident Commander | Quesinberry | 877-230-9500 | Cell 925-549-9420 | |
| Incident Commander | Minton | No # | Cell 925-549-9417 | |
| NIMO Safety | Terri Knauth | 877-234-2477 | Cell 925-549-9428 | |
| Safety | Tanzi/Kirste | 877-234-2477 | Cell 925-549-9428 | |
| Information | Downing/Mackensen | 877-366-6008 877-365-6423 877-375-2226 | Cell 925-549-9427 | |
| Liaison Officer | Swartzlander | 877-366-6008 | Cell 925-549-9429 | |
| Human Resources | Gonzalez | 877-328-4522 | Cell 925-549-9423 | |

Operations

| | | | | |
|-----------|----------|--------------|--|--|
| Ops Chief | | 877-354-2815 | | |
| Air Ops | Mueller | 877-353-6938 | | |
| Helibase | Bernardy | 530-625-4617 | | |

Planning

| | | | | |
|---------------------------|--------------------------------|-------------------|----------------------|----------------------------------|
| NIMO Plans Chief | Schwilling | 877-231-8599 | Cell 925-549-9430 | |
| Plans Chief | Lambeth | 877-354-9003 | Cell 925-549-9421 | |
| Planning Ops | Wills | 877-231-8599 | Cell 925-549-9426 | |
| Resource / Situation Unit | Charbonnier/Wikman/Taylor/Olds | 877-354-9003 | | |
| Documentation Unit | | 540-383-6531 Cell | | |
| Check-In / Demob | Dumlao | 877-367-1232 | | 800-618-3707 |
| Demob | Deboi | 877-367-9503 | | |
| IMET | Tobin/Cassell | 877-368-2325 | | |
| Fire Behavior Analyst | Wade/Wood | 877-368-2325 | | |
| Computer Techs | Steel | 877-336-0460 | | |
| Training Specialist | Smith | 877-342-8962 | Medical 877-356-8984 | FAX same as MedL phone- call 1st |

Logistics

| | | | | |
|-------------------------|------------------|--------------------------------|-------------------|------------------------|
| Logistics Chief | Jellison | 877-262-1573 | | |
| Logistics Chief | Shurr | 877-262-1573 | | |
| Supply / R & D | Sheets | 877-321-2494 | | |
| Ordering | Lake | 877-321-2494 | | 800-617-4920 |
| Facilities | Huhtala/DelCarlo | 877-354-6006 | | No FAX |
| Ground Support / Repair | Zabel | 925-549-9431 | 925-549-9431 | addl cell 760-646-5747 |
| Communications | Shafer/Earle | Disp 877-325-0366 | COML 877-321-4510 | INCM 877-325-6905 |
| Medical Unit | Ramey | 877-356-8984 | | |
| Security | | Call Facilities @ 877-354-6006 | | |
| Food Unit | Westlake | 877-354-6006 | | |

Finance


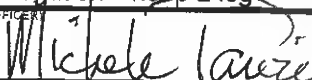
| | | | | |
|-----------------------|-----------------|--------------|--|------------------|
| Finance Section Chief | Corkill/Palmer | 877-253-6892 | | |
| Personnel Time | Ammon | 877-236-7216 | | FAX 800-881-2790 |
| Equipment Time/Cost | Wilson/Griffith | 877-235-0564 | | |
| Camp & Claims | Charlton | 877-234-2477 | | |
| GIS | Felker/House | No Phone yet | | |

Other Important Numbers

| | | | | |
|-----------------------|--|-------------------|----------------------------|-----------------------------|
| Forest Dispatch | | | | |
| Expanded YICC | | 530-841-4611 | 530-841-4612 | |
| Fortuna Dispatch (fs) | | days 707-726-1266 | nights 707-726-1281 | |
| Co. Sheriff 24 hrs | | | 530-625-5014 | |
| Co Roads | | | 707-445-7491 | |
| Yreka Dispatch (fs) | | | ROUTINE CALLS 530-841-4600 | EMERGENCY ONLY 530-842-3515 |
| CHP 24 hrs | | | 707-266-2000 | |
| Hoopa Police | | | 530-625-4211 | |
| Cal - Trans 24 hrs | | | 707-445-6600 | |
| Copy trailer | | No Phone yet | | |
| PGE | | | | |

Fork Camp

| | | | | |
|----------------|--|--------------|--|--|
| Supply / R & D | | 530-462-1517 | | |
| Medical | | 530-462-1518 | | |
| Logistics | | 530-462-1523 | | |
| Facilities | | 530-462-1519 | | |
| Operations | | 530-462-1516 | | |

| | | | | | | | | | |
|---|--|--|---|---|-------|-----------------|--|-------------|----|
| MEDICAL PLAN | 1. INCIDENT NAME Butler Fire | 2. DATE PREPARED 8/21/2013 | 3. TIME PREPARED 1100 Hrs | 4. OPERATIONAL PERIOD 1800-1000 08/21/2013-08/22/13 | | | | | |
| | 5. INCIDENT MEDICAL AID STATIONS | | | | | | | | |
| MEDICAL AID STATIONS | | LOCATION | | PARAMEDICS | | | | | |
| | | | | YES | NO | | | | |
| Frontline Medical | | ICP next to kitchen | | X | | | | | |
| Fork Medical Unit | | Fork Camp | | X | | | | | |
| FEMP Lambert and FEMT Farrer | | Div A/B or as directed by Safety and Operations | | X | | | | | |
| FEMP's Mallet & Doty | | Div H or as directed by Safety and Operations | | X | | | | | |
| FEMP's Wolf & Cochran | | Div W or as directed by Safety and Operations | | X | | | | | |
| REM1 | | Staged at Fork Camp available through Comm Unit | | X | | | | | |
| REM2 | | Staged at ICP available through Comm Unit | | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 6. TRANSPORTATION | | | | | | | | | |
| A. AIR RESOURCES | | | | | | | | | |
| NAME | | ADDRESS | | PHONE | | | | | |
| | | | | | | | | | |
| CHP H16- (Hoist) Daylight hrs only | | Benton Airfield, Redding, Ca. 96003 | | YICC (530) 842-3515 | | | | | |
| CalFire Copter 102- (Hoist) Daylight hrs only | | Kneeland, CA | | YICC (530) 842-3515 | | | | | |
| REACH- (Non-Hoist) NVG Capable | | 3775 Flight Ave. Redding, Ca. 96003 | | YICC (530) 842-3515 | | | | | |
| PHI Air Medical –(Non-Hoist) NVG Capable | | 1524 East St. Redding , Ca 96003 | | YICC (530) 842-3515 | | | | | |
| CANG H820-(Hoist, day or night) NVG Capable | | Redding Airport | | YICC (530) 842-3515 | | | | | |
| | | | | | | | | | |
| B. INCIDENT AMBULANCES | | | | | | | | | |
| NAME | | LOCATION | | PARAMEDICS | | | | | |
| | | | | YES | NO | | | | |
| Arcata Ambulance 4 | | Available on the east side of the fire @ Fork Camp | | X | | | | | |
| City Ambulance 4 | | Available on the west side of the fire @ ICP Camp | | X | | | | | |
| 7. HOSPITALS | | | | | | | | | |
| NAME | | ADDRESS | | TRAVEL TIME | | HELIPAD | | BURN CENTER | |
| | | | | | | | | | |
| | | | | AIR | GRND | | | YES | NO |
| St Joseph Hospital | | 2700 Dolbeer Eureka, Ca. N 40 47.02 / W 124 8.48 | | 20 M | 3 H | 707-445-8121 #2 | | X | |
| Fairchild Medical Center | | 444 Bruce St. Yreka, CA N41 43.13 W122 38.69 | | 20M | 3 H | 530-842-4121 | | X | |
| Mercy Medical Center Level 2 Trauma | | 2175 Rosaline Ave. Redding, Ca N 40 34.13 / W 122 23.67 | | 50M | 2.5 H | 530-225-7201 | | X | |
| UC Davis Medical Ctr. Level 1 Trauma | | 2315 Stockton Blvd. Sacramento, Ca. N 38 33.17 / W 121 27.05 | | 1.5H | 6.5 H | 916-734-3636 | | X | X |
| | | | | | | | | | |
| | | | | | | | | | |
| 8. MEDICAL EMERGENCY PROCEDURES | | | | | | | | | |
| IN-CAMP CARE | | | LINE EMERGENCIES | | | | | | |
| <ul style="list-style-type: none"> Minor Injuries or illnesses <ul style="list-style-type: none"> Seek Aid directly at Frontline medical or Forks medical unit, report all injuries or illnesses to supervisor Unit Open 0600 hrs to 2200 hrs Moderate to Severe Injuries or Illnesses <ul style="list-style-type: none"> Contact Communications or MEDL directly Med staff available after hours for Emergencies | | | <ul style="list-style-type: none"> Start of shift: notify your Div Sup of EMT's and equipment you have available for response if needed. Contact Communications and declare a medical emergency on command Closest DIVS or designee responds to incident <ul style="list-style-type: none"> Closest SOFR/EMT's respond to assist w/care Use attached Injury or Incident Comm. Protocol If ambulance (ground or air) delayed designate rendezvous site and move towards it Secure scene for investigation—keep a log | | | | | | |
| ICS 206 8-78 <small>9 PREPARED BY (MEDICAL UNIT LEADER)</small> C. Thomas MEDL  | | | <small>10 REVIEWED BY (SAFETY OFFICER)</small> M. Tanzi SOF1  | | | | | | |

Injury or Incident Communications Protocol

Time: _____ Date: _____ On Scene POC: _____

Declare: Medical Emergency _____ or Non-Emergency Medical _____

Number of injured: _____ Type of injury: _____

Patient Location: _____ Lat: _____ Long: _____ Elevation: _____

Best transport method: (see matrix below) Air Ambulance Ambulance Helicopter Vehicle

Any special equipment required: (SKED, Wheeled Stokes, Backboard, etc.) _____

Closest pick up point (DP, Helispot) _____

LOC _____ Resp. _____ Pulse _____ BP _____ Weight _____

Medical History/Allergies _____

On Scene Medic: _____

Air Transportation Triage

Coordinate with Air Ambulance on Cal-Cord (Ch: 15)

| | Air Ambulance | Ground Transport |
|---------------------|---|--|
| Mechanism | Struck by tree Fall of 10' or more Snake bite with pain and swelling Insect bite with shortness of breath Signs of heat stroke (hot, dry, disoriented) Burn Injury greater than 1% body area | Minor dehydration Cut or laceration with bleeding controlled Minor bites and Stings Minor burns |
| Area Injured | Significant Blunt or Penetrating Trauma to Head, Neck, Chest, Abdomen or pelvis Any Arm or Leg fracture | Minor blunt trauma Minor penetrating trauma Extremity sprains and strains |
| Symptoms | Disoriented Chest Pain or Shortness of Breath Weak or absent radial pulse Pale, cold and sweating | Alert and oriented No shortness of breath Good pulses |

Medivac Sites (WGS 84 datum) use Degrees, Decimal Minutes (Lat 00° 00.000' – Long 00° 00.000')

DP-1 Nordheimer- N 41°17.865 / W 123°21.723

DP-34 Div. C- N 41°12.896 / W 123°16.759

DP-39 Div. E- N 41°10.847/ W 123°22.445

If air or ground ambulance is DELAYED:

DO NOT DELAY in Packaging and transporting the patient to rendezvous with the Ambulance.
Re-route EMS helicopter to rendezvous point as appropriate.

When declaring an "Incident within the Incident"

The closest DIVS or designee will respond to manage the incident. They are responsible for giving an accurate size up, ensuring scene safety, setting priorities and initiating an appropriate response. The closest Safety Officer and Line EMS will respond to the scene to assist. The Safety Officer will secure the site and begin initial investigation when situation is stabilized.

**INCIDENT RISK ANALYSIS - Butler
(ICS 215A) Night Shift**

| DIV | HAZARDOUS ACTIONS / CONDITIONS | MITIGATIONS / WARNINGS / REMEDIES |
|--|---|--|
| All | <u>Thunderstorms & Lightning</u> | <ul style="list-style-type: none"> • Monitor changing weather conditions. Ensure LCES is in place. • Review "6 Minutes for Safety" in IAP. • Have a Lightning & Rain plan in place before you need it. • After storm passes, wait 30 minutes before returning to "normal" operations. |
| Salmon River Rd | Debris Flows, Rock Slides, etc. | <ul style="list-style-type: none"> • Any amount of rain will cause loosening of Soils, Rocks, and Trees due to Burn Scar. • Road closure of Salmon River Road Possible due to rain. • NO vehicle traffic between Butler ICP and Forks Base Camp via Salmon River Rd if raining |
| All | Hazard Trees, Fire Weakened Trees & Snags | <ul style="list-style-type: none"> • Scout work area for overhead hazards before dark to ensure safe work areas. • Identify and communicate hazard to personnel. Mitigate using qualified personnel only. • <u>NO felling of trees at night</u> • If unable to mitigate hazard Flag Off area, keep personnel away. |
| All | <u>DRIVING HAZARDS</u> Very Narrow, Dusty, Soft Shoulders | <ul style="list-style-type: none"> • SEAT BELTS ON.....BEFORE wheels turn! • Slow down driving speeds to allow for reaction time lag. • Establish one-way traffic or coordinate traffic flow if necessary. • Drive Defensively! Expect the unexpected around every curve. • When meeting oncoming traffic at night, come to a controlled stop. Turn headlights to running lights; assist other vehicle in backing to a safe place to allow safe passage around vehicle. |
| All | Hydration | <ul style="list-style-type: none"> • Pre-hydrate, Re-hydrate to keep from DEHYDRATING • Dehydration is PREVENTABLE • Be alert for signs of heat illness in yourself and others. • Drink 2 to 1 water to sports drinks. |
| All | Environmental Hazards | <ul style="list-style-type: none"> • Keep alert for wildlife, insects, and plants. Watch footing and hand placement around rocks. • Keep food out of tent's and from around Sleeping areas to prevent wildlife night visits. • Personal hygiene is #1 when it comes to Poison Oak Prevention |
| All | Extremely Steep Terrain & Rolling Materials | <ul style="list-style-type: none"> • Concentrate on your footing placement; take your time. • Ensure adequate spacing between crewmembers so they can react to dislodged debris. • Post lookouts to warn of rolling debris. SHOUT out to warn others • Look Up, Down and Around Frequently. |
| DIV B | Mine Shafts | <ul style="list-style-type: none"> • Shaft openings and vent holes. Identify, Flag area, Make known to personnel. • Keep heavy equipment clear of area. • Hazardous Materials and explosives can often be found around mine sites. |
| DIV B, C, D, F, G, H, K, W | Indirect Line | <ul style="list-style-type: none"> • Insure that communications between lookouts and line resources are maintained. • Escape routes & Safety Zones are identified and re-evaluated as you progress. • Establish Management Action/Trigger points for disengagement and make them known |
| DIV K, H, W, B | Firing Operations | <ul style="list-style-type: none"> • Know the plan! Know who's in charge! Know the Plan! • Conduct thorough briefing for all personnel (inside rear cover IRPG). • Utilize Risk Mgmt. Process (IRPG p. 1) for implementing the plan. • Establish LCES prior to implementing burning operations (IRPG p. 6). • Assign an over-all Burn Boss, Firing Boss & Holding Boss, to coordinate ignitions when simultaneous burning operations are planned for multiple locations. |
| DIV B, H, K | Spot Fires | <ul style="list-style-type: none"> • Utilize the Risk Mgt Process before initiating any suppression actions (IRPG page 1) • Establish LCES before engagement • Consider Risk vs Gain |
| DIV A, B, W | Structure Protection | <ul style="list-style-type: none"> • Conduct thorough briefing of all personnel (inside rear cover IRPG 2010). • Utilize Structure Assessment Checklist (IRPG p.10). • Follow Structure Protection Guidelines (IRPG p.14). • Evacuation Plans have been developed. Ensure understanding by all personnel assigned. |
| INCIDENT NAME: Butler ICS 215a | DATE PREPARED: <p align="center">August 21, 2013</p> TIME PREPARED: 1000 HOURS | OPERATIONAL PERIOD Night Shift 08/21-22/13 1800 - 1000 Prepared by: M. Tanzi, D. Kirste |



Today's discussion is from the Environmental Factors Category.

THUNDERSTORM SAFETY

Thunderstorms cause significant hazards for wildland firefighters, including downbursts that can cause extreme fire behavior and lightning. When thunderstorm development is likely, lookouts should be posted and aware of signs of a developing storm. A sudden reversal in wind direction, a noticeable rise in wind speed, and a sharp drop in temperature may note the mature stage of a storm. Heavy rain, hail and lightning occur only in the mature stage of a thunderstorm. During a storm, use the following guidelines:

- Do not lie down.
 - The best position is sitting on the pack or crouching with feet close together.
 - Avoid sitting directly on the ground, if possible; but, if necessary, keep feet and butt close together.
 - Avoid grouping together. Keep a minimum of 15 feet between people when possible.
 - Removing caulk boots will not provide safety if stocking covered or bare feet are then in contact with the ground—don't bother!

- "Stay out of dry creek beds" is correct for flash floods, but has nothing to do with lightning.

- Handheld radios (with short rubber antennas) or cell phones are safe to use. Communication is vital to crew safety. Do not use land line radios or radios with elevated antennas.

- Wide, open spaces are better than trees or clumps of trees in the vicinity. Ridge tops, etc., should be avoided.

- If you feel the hair on your arms or head "stand up," there is a high probability of a strike in the vicinity. Crouch or sit on a pack.

- Put down all tools.

- Take shelter in vehicles if possible.

References:

[Incident Response Pocket Guide](#)

[Interagency Standards for Fire and Fire Aviation Operations](#)

Have an idea? Have feedback? Share it.

ONLINE | MAIL: 6 Minutes For Safety Task Group • 3833 S. Development Ave • Boise, ID 83706 | FAX: 208-387-6250

6 Minutes Home

Bear Safety (for you, not the bear)

Sloppy firefighters don't just endanger themselves, but also other firefighters. Bears will return to a site repeatedly if they ate there at some point in the past. When in bear country (where you are now) you should:

Maintain a bear safe campsite

- Store food, drinks and scented items securely.
- Dispose of trash
- Always sleep inside your tent
- Never approach or feed a bear
- Report bear sightings to your Division Supervisor

Take precautions while hiking

- Stay alert at dawn and dusk, when bears are more active
- Make noise as you travel through dense cover
- Stay away from animal carcasses
- Store food, trash and scented items (sunscreen, etc.) in airtight plastic bags

Dispose of trash carefully

- Store trash in a secure location
- Clean the trash container regularly

If you encounter a bear

- **Stand your ground.** Never back up, lie down or play dead. Stay calm and give the bear a chance to leave.
- **Don't run away or climb a tree.** Black bears are excellent climbers and can run up to 35 mph – you cannot out climb or outrun them
- **Know bear behavior.** If a bear stands up, grunts, moans or makes other sounds, it is not being aggressive. These are the way a bear gets a better look or smell and expresses its interest.

If a bear attacks

- **Always fight back.** And never give up! People have successfully defended themselves with almost anything: rocks, sticks, pulaskis, water bottles and even their hands and feet.

Butler Fire

Vehicle Use & Traffic Protocol



Purpose

These protocols have been established in order to address the increasing number of vehicular incidents which have been occurring on the incident. Fatigue, complacency, distractions, and inattention to driving have all contributed to this problem.

The following guidelines will now be in effect.

- You are **REQUIRED** by **LAW** to **WEAR** your seatbelts. You've heard the phrase "Click it – or Ticket? Here on this fire it's "Click-it or GO HOME!" Before your wheels roll.
- Individuals **SHALL** only drive if they have had at least 8 consecutive hours off duty before beginning a shift.
- If you are too tired to operate your assigned vehicle then don't operate it! Recognize that fatigue affects you. Be honest with yourself about how tired you are and communicate this to your supervisor.
- If you find yourself dozing off while driving either stop and rest or get a relief operator.
- Keep in mind that when scouting a new area by vehicle, a driver often concentrates more on what they are scouting than how they are driving. If this is the case then drive a short distance, stop, and then evaluate or scout the area.
- Vehicles travelling uphill generally have the right of way. do not insist on that right of way.
- Keep in mind that larger vehicles like tenders and transports are more difficult to start on slopes, especially when under load. Do not complicate this problem by not pulling over in time for them to keep rolling.
- **In camp:** The maximum speed will be under 5 miles per hour and a backing guide will be required when reversing unless you are backing into an established parking space.
- **On public roads and the fireline:** The maximum speed on the paved public roads adjacent to the fire area will be 20 miles per hour for larger vehicles (water tenders, Type III engines, transports) and 25 miles per hour for smaller pick-ups, SUV's and cars. When passing both non-fire personnel and firefighters on foot the maximum speed will be under 5 miles per hour. On the fireline the maximum speed when passing parked vehicles (small or large) or personnel on foot will be under 5 miles per hour. Backing guides will be utilized whenever reversing unless backing into an established parking space.

Your Safety Team: Terri Knauth, Michele Tanzi, Dave Kirste, Jeff Barnhart, Mike Frederick, Bob Kafka, Tim S., Steve H., Rob V., Ronnie O., Miles S., Matt W., and Mark M.

Incident Trainee/Trainer Data Form

Complete and drop off with the Training Specialist for entry into database before end of assignment.
Remember to close out all training packages with the Training Specialist prior to going through DEMOB.

A. Trainee Data

Trainee Name: _____ ICS Trainee Position: _____

Were you ordered as a Priority Trainee? Y N If yes, specify: IFPM FS-FPM REGIONAL

Request # (A, C, E or O): _____ Agency Designator (Example: CA-KNF): _____

Agency: _____ Crew/Module Name: _____ Cell Phone: _____

Fire Name: _____ Date Assigned: _____

Person and location your training package should be mailed to: (Chief, Training Officer, etc.):

Name: _____ Title: _____ Home Unit: _____

Agency Address: _____

City: _____ State: _____ Zip Code: _____ Phone: _____

B. Trainee Prerequisites

1. Valid Red Card or agency certification card? _____ Yes _____ No

2. Trainee has current position task book issued by home unit? _____ Yes _____ No

C. Trainer/Evaluator Data Trainer / Evaluator Name: _____

ICS position on fire: _____ Home Unit: _____

Address: _____ City: _____

State: _____ Zip Code: _____ Cell / Contact While on Incident: _____

D. Trainee Goals - (3 tasks or objectives you would like to address).

1. _____

2. _____

3. _____

MESSAGE FROM YOUR HUMAN RESOURCE SPECIALIST

A few words of wisdom from the Incident Response Pocket Guide

The most essential element of successful wildland firefighting is competent and confident leadership. Leadership means providing purpose, direction and motivation for wildland firefighters working to accomplish difficult tasks under dangerous, stressful circumstances. In confusing and uncertain situations, a good operational leader will:

TAKE CHARGE of assigned resources.

MOTIVATE firefighters with a “can do safely” attitude.

DEMONSTRATE INITIATIVE by taking action within the scope of leadership intent.

COMMUNICATE by giving specific instructions and asking for feedback.

SUPERVISE at the scene of action.

Have a safe and productive shift.

**Your Human Resource Specialist,
Daniel Gonzalez**



M.I.S.T. GUIDELINES (SRF – KNF – SHF)

MINIMUM IMPACT SUPPRESSION TECHNIQUES

Wilderness areas are areas that are protected by law and are managed to preserve their natural conditions for present and future generations. The following Minimum Impact Suppression Techniques (MIST) are guidelines intended to significantly reduce the impacts associated with fire suppression and incident management activities in Wilderness areas.

SAFETY

Safety is of paramount importance. Incident personnel should constantly be aware of their surroundings and the Eight Principles of Safety, the 10 Standard Firefighting Orders and the 18 Watchout Situations when applying MIST techniques.

LINE OPERATIONS

- Use natural barriers, wet line or cold trail techniques, rather than constructing line. Consider burnout from natural barriers to minimize line construction.
- When constructed line is necessary, use the minimum width, depth and canopy clearance necessary to check fire spread, based on fire behavior. Locate line to minimize impacts. Consider use of fireline explosives for line construction.
- Do not put line construction debris in streams.

GREEN TREES, BURNED TREES AND SNAGS

- Scrape around tree bases near fireline if hot and likely to cause fire spread.
- Inside fireline: remove or limb only those fuels that if ignited would have potential to spread fire outside the fireline.
- Identify hazardous trees with an observer or flagging.
- Use Saw Use guidelines.

SAW USE

- Minimize the amount of cutting.
- Live trees will not be cut, unless it is determined they will cause fire spread across the fireline or endanger workers or the public.
- Slope/angle saw cuts away from line of sight to minimize visual impacts. Rub dirt or ash on stumps and log ends to camouflage them. Do not crosshatch/etch.
- If trees must be felled inside the line, do not limb or buck them. Allow the fire to consume them.

INDIRECT ATTACK

- Do not fall snags on the intended unburned side of the constructed fireline, unless they are safety hazard to crews or the public.
- On the unintended burn-out side of the line, fall only those snags that would reach the fireline should they burn and fall over.
- Consider alternative means to falling, i.e., fireline explosives, bucket drops.
- Consider all items in Section B, the Fire Line Phase.

AIR OPERATIONS

- Limit the use of retardant. Use water drops (preferred) or foam instead. When foam or retardant use is appropriate, avoid dropping near surface water.

HELISPOT CONSTRUCTION

- Minimize the number of helispots constructed in Wilderness.
- Evaluate carefully whether it is necessary to construct a helispot or whether an alternative outside Wilderness can be used.
- If a helispot is only needed for logistical support to deliver and retrieve supplies or gear, consider using a long line remote hook in lieu of constructing a helispot. If a helispot is needed for crew shuttle, consider the minimum size helicopter that could do the job and still meet suppression objectives.
- Use natural openings as much as possible. If some tree felling or cribbing is necessary, avoid high visitor use locations unless the modifications can be rehabilitated to be generally unnoticeable. Feather the opening so that it appears more natural looking.
- Whenever possible, the Resource Advisor should provide specific instructions and observe the construction of helispots.
- Naturalize helispots before abandoning

SPIKE CAMPS AND CAMP ACTIVITIES

- Camps and other facilities will be located outside of wilderness whenever possible.
- A Resource Advisor will be consulted prior to establishing spike camps and use will be discontinued if resource damage occurs.

MOP-UP PHASE

- Cold trail rather than scraping or digging whenever possible to detect hot areas.
- Roll or drag fuels into the interior and allow them to burn out, rather than mopping them up and roll logs rather than bucking.
- Pull hot material away from the bases of trees, rather than felling them.
- Remove or limb only those fuels that if ignited, have potential to spread outside the fireline.

PERSONAL CONDUCT

Leave No Trace – Pack it in - Pack it out

Confirmed approval for use of mechanized equipment – Chainsaws / Helicopter Use

Nor Cal #1

Expectations for Operational Periods and Shift Length

- The expectations of the I.C. and the team are that all operational resources will proceed directly to their shift assignments at the conclusion of the operational briefing / division break-out. Individuals attending the briefing should attend dressed fire-ready (nomex pants and boots).
- ICS 204 Division Assignment Lists will display anticipated shift duration. The assigned Division Supervisor has the authority to modify these time frames as the situation dictates.
- A minimum of 1 meal break should be taken each day when the fire situation permits. When meals are not recorded, rationale is needed on the CTR. Non fireline assigned resources should plan for a 30 minute break every 6 hours when the situation permits. Command and General Staff will manage workloads to allow for breaks when appropriate.
- Individuals shall only drive if they have had at least 8 consecutive hours off duty before beginning a shift. *Example: if it becomes essential to work until 2300 hours, the individual should not return to duty before 0700 the following day.* Exceptions to this policy should only be to accomplish immediate and critical suppression objectives or critical firefighter / public safety missions as approved by the I.C.
- The Incident Management Organization is committed to a “zero tolerance” policy against inappropriate behavior during incident operations. We expect an attitude of mutual respect for all incident personnel and the public we serve. Any form of harassment, discriminatory practices, or disrespectful behavior will not be tolerated and will be dealt with appropriately. Illegal drug use or other illegal activities will not be tolerated and will be turned over to local law enforcement authorities. Alcohol is strictly prohibited from the fire camp and all other incident locations. Violation of these standards of conduct can result in prompt dismissal from the incident. Individuals who are aware of any inappropriate behavior of incident personnel should tell their supervisor or contact the Human Resource Specialist.

| | | | | | |
|---|---|----------|---|--|-------------------------------|
| Date & Time Order was placed: | | Order # | Location & Time for Delivery (DIV,LZ,DP,Lat Long) | | Mode of delivery |
| | | (DIVS+#) | | | (Driven/Helo/DIVS to Pick up) |
| | | | Lat: | | |
| | | | Long: | | |
| Order received in Communications by (Name): | | | | | Time: |
| Order shipped to line by (Name): (Send this sheet to the line with the order) | | | | | Time: |
| # | Item | | | | |
| 1 | 1,000 Foot Hose Lay includes the following: Amount _____ | | | | |
| | 10, 100'x1½" Rolls Hose; 10, 100'x1" Rolls Hose; 10, 1½" Gated Wyes; 10, 1½" to 1" reducers; 10, 1" nozzles | | | | |
| 2 | 2,000 Foot Hose Lay includes the following: Amount _____ | | | | |
| | 20, 100'x1½" Rolls Hose; 20, 100'x1" Rolls Hose; 20, 1½" Gated Wyes; 20, 1½" to 1" reducers; 20, 1" nozzles | | | | |
| 3 | 3,000 Foot Hose Lay includes the following: Amount _____ | | | | |
| | 30, 100'x1½" Rolls Hose; 30, 100'x1" Rolls Hose; 30, 1½" Gated Wyes; 30, 1½" to 1" reducers; 30, 1" nozzles | | | | |
| # | Item | Amount | # | Item | Amount |
| 4 | Hose (50') garden, 3/4" | | 30 | Gas Unleaded (Gallons) | |
| 5 | Hose (100'), 1" | | 31 | Oil 2 cycle, (Pints) | |
| 6 | Hose (100'), 1½" | | 32 | Bar Oil (Qts) | |
| 7 | Nozzle, Garden, 3/4" | | 33 | Drip Torch ea | |
| 8 | Nozzle, Forester, 1" | | 34 | Drip torch mix 3.5:1.5 (gallon) | |
| 9 | Nozzle, KK Type, 1" | | 35 | Fusees (Boxes or cases)??? | |
| 10 | Nozzle, KK Type, 1½" | | 36 | Flare Gun Rounds (12/BX) | |
| 11 | Wye, Gated, 3/4" | | 37 | Cartridge #6 purple (box) | |
| 12 | Wye, Gated, 1" | | 38 | Batteries "AA" PKGs(24/PKG)/BX | |
| 13 | Wye, Gated, 1½" | | 39 | Ribbon, Flagging (Specify Color)* | |
| 14 | Inline-Tee, 1x1x3/4" | | 40 | Water, Cubies | |
| 15 | Inline-Tee, 1x1x1" | | 41 | Water, Bottled, Cases | |
| 16 | Inline-Tee (1½" X 1") | | 42 | Gatorade | |
| 17 | Reducer, 1" X 3/4" | | 43 | MRE's (12/BX) | |
| 18 | Reducer, 1½" X 1" | | 44 | Heavy Mill Plastic | |
| 19 | Increaser, 3/4" X 1" | | 45 | Washcloth, waterless, cleansing | |
| 20 | Increaser, 1" X 1½" | | 46 | Wrap, Structure 54"x300' | |
| 21 | Foam 5 gal | | 47 | Sprinkler Kit | |
| 22 | Foam 4 oz (For Backpack Pump) | | 48 | Mark 3 Pump | |
| 23 | Backpack Pump | | 49 | Mark 3 Pump Kit- w/10 gal mixed fuel | |
| 24 | Pumpkin (Gallons?) | | 50 | Chainsaw Kit | |
| 25 | Porta-Tank (Gallons?) | | 51 | Mop-Up Kit, 3-Wand | |
| 26 | Shovel | | 52 | Pump Kit, Lightweight, 2 Cycle | |
| 27 | Pulaski | | 53 | Gas, Raw and 2 qts 2-cycle oil, ea | |
| 28 | Combi Tool | | 54 | Lightweight Pump Kit-Cache w/5gal fuel | |
| 29 | McCloud | | 55 | Gas, raw (gal) and 1 qt 2-cycle oil, ea. | |
| Notes: | | | Notes: | | |



