



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

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November 23, 2005

In Reply Refer To:
9210 (CA-943) R

EMS TRANSMISSION: 11/23/05
Instruction Memorandum No. **CA-2006-012**
Expires: 09/30/07

To: California Desert District Manager and All Field Managers
Attention: Fire Management Officers

From: Deputy State Director, Support Services

Subject: California Fuel Perimeter Procedures for 2006

DD: 01/31/2006

Purpose: This Instruction Memorandum (IM) transmits the procedures for submitting fuels project perimeters within California effective October 31, 2005.

Background: In 2001, the BLM began tracking fuels projects in the National Fire Plan Operations & Reporting System (NFPORS). NFPORS is an interagency system designed to assist field personnel in managing and reporting accomplishments for work conducted under the National Fire Plan. To further guide this effort a data steward, Victoria Smith, has been designated as the contact for California's fuel polygon database.

The Fuel Polygon Database is of benefit to all of the Bureau's natural resource programs. This data will also be used by our interagency partners in managing fuels project planning statewide. Timely access to fuels perimeters is essential for prioritizing both the federal and community assistance fuels projects and activities.

Policy/Action: This IM is requesting each field office to submit one geobase of all fuels projects from 2001 to 2005 to Victoria Smith, the State Office Data Steward using the attached process **by January 31, 2006**.

If any office does not have Geographical Information Systems (GIS) capabilities the fuels perimeter should be drawn on USGS 7.5 minute series Topographic maps and sent, to CA-943 Attn: Fuels Perimeters.

If there are questions please have your Fire Management Officers or GIS Coordinators contact Victoria Smith, CASO- Branch of Fire and Aviation Management, 916-978-4428 or vcsmith@ca.blm.gov.

Signed by:
Karen Barnette
DSD, Support Services

Authenticated by:
Richard A. Erickson
Records Management

3 Attachments: (See separate file for Attachments 2 & 3)

1. fuels_treatments.doc (3pp)
2. fuels_treatments_geodbdesigner.htm
3. fuels_treatments.mdb (Personal Geodatabase v9.0)

Fuels Treatments

Updated: 10/19/2005

Includes the Following Layers:

Fuel Treatment Areas

Fuel Breaks

Layer: **Fuel Treatment Areas**

Feature Class Name: fuel treat

Alias Name: Fuel Treatments

Description: Fuel Treatment Areas are polygonal fuel reduction projects performed on BLM lands to help mitigate the risk of catastrophic wildfire (especially in the wildland-urban interface). Data are used in a variety of fire planning activities.

Spatial Data Source: Best available source with a target scale of 1:24000.

Horizontal Accuracy: Targeted to “Geospatial Positioning Accuracy Standards, Part 3: National Standard for Spatial Data Accuracy, FGDC-STD-007.3-1998” NSSDA.

Projection: Field Office appropriate UTM projection or BLM’s California-Centered Transverse Mercator (CTM) projection.

Datum: NAD-83

Units of Measure: Meters

Feature Type: Polygon

Attribute Definitions:

| Field | Description | Attribute Example |
|-------------|---|---------------------|
| unit_id | Unique ID (Key) * | “CARE05001” |
| name | Name office refers to the treatment unit. | “Queen Mary II” |
| treat_type | Treatment Type | “Prescribed Burn” |
| fuel_type | Dominant Fuel Model Type PMS 436-4 (Feb 1992) NFES 2224 | “Fuel Model 5” |
| fire_regime | Fire Regime (Hann/Strohm 2003) | “Regime II” |
| cond_class | Condition Class (Hann/Strohm 2003) | “Condition Class 2” |
| acres | Size in Acres (Calculated by Geoprocessing Model) | 250 |

| Field | Description | Attribute Example |
|--------------|---|--------------------------|
| sub_activity | Fiscal Sub-Activity Code | 2823 |
| proj_code | Fiscal Project Code | “DB72” |
| comp_date | Completion Date | 09/05/2005 |
| maint_treat | Is this maintenance of existing treatment area? | “Yes” |
| comment | Comment Field | “Helitorch Used” |

See Domain XML/HTML export for more details.

* Format for Example (CARE05001): **State** [CA] – **Office** [RE]dding – **Fiscal Year** 20[05]–**Sequential #** starting with [001]

Layer: **Fuel Breaks**

Feature Class Name: fuel_brks

Alias Name: Fuel Breaks

Description: Fuel Breaks are linear fuel reduction projects performed on BLM lands to help mitigate the risk of catastrophic wildfire (especially in the wildland-urban interface). Data are used in a variety of fire planning activities.

Spatial Data Source: Best available source with a target scale of 1:24000.

Horizontal Accuracy: Targeted to “Geospatial Positioning Accuracy Standards, Part 3: National Standard for Spatial Data Accuracy, FGDC-STD-007.3-1998” NSSDA.

Projection: Field Office appropriate UTM projection or BLM’s California-Centered Transverse Mercator (CTM) projection.

Datum: NAD-83

Units of Measure: Meters

Feature Type: Polyline

Attribute Definitions:

| Field | Description | Attribute Example |
|--------------|--|--------------------------|
| unit_id | Unique ID (Key) * | “CARE05002” |
| name | Name office refers to the treatment unit. | “Mule Mountain” |
| treat_type | Treatment Type | “Biological Treatment” |
| fuel_type | Dominant Fuel Model Type PMS 436-4 (Feb 1992) NFES 2224 | “Fuel Model 4” |
| fire_regime | Fire Regime (Hann/Strohm 2003) | “Regime III” |
| cond_class | Condition Class (Hann/Strohm 2003) | “Condition Class 1” |
| avg_width | Average width of break in feet. | 50 |
| sub_activity | Fiscal Sub-Activity Code | 2823 |
| proj_code | Fiscal Project Code | “BBY6” |
| comp_date | Completion Date | 10/05/2005 |
| maint_treat | Is this maintenance of existing treatment area? | “Yes” |
| comment | Comment Field | “Goats Used” |
| width_meters | Calculated from avg_width field and used by Geoprocessing Model | 15.24 |

See Domain XML/HTML export for more details.

* Format for Example (CARE05002): **State** [CA] – **Office** [RE]dding – **Fiscal Year** 20[05]–**Sequential #** starting with next number [002]