

Form 1221-2  
(June 1969)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MANUAL TRANSMITTAL SHEET

Release  
1-1668

Date  
3/7/01

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Subject MEMORANDUMS OF UNDERSTANDING

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1. Explanation of Materials Transmitted: This release transmits revised Page 18 and adds Page 19 to Appendix 2, Register of National Level Memorandums of Understandings (MOU's). The transmitted pages reflect recent additions made to the Washington Office Reference set of national level MOU's.
2. Reports Required: None
3. Materials Superseded: Manual pages superseded by this release are listed under "REMOVE" below. No other directives are superseded.
4. Filing Instructions: File as directed below.

REMOVE

Appendix 2, Page 17  
(Re. 1-659)

(Total: 1 Sheet)

INSERT

Appendix 2, Page 17 through 19

(Total: 2 Sheets)

Assistant Director  
Information Resources Management

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## 1786 - MEMORANDUMS OF UNDERSTANDING

- .5 Recordkeeping
  - .51 Documentation
    - A. MOU Number
    - B. MOU Register
    - C. MOU Signature Page
    - D. Communications Within BLM
  - .52 Distribution
    - A. Record Copy
    - B. Originating Official's Copy
    - C. Other Copies
  - .53 File Maintenance and Use
    - A. Case File
    - B. Reference Set
  - .54 Location of Case File
  - .55 Disposition
    - A. Case File
    - B. General Information

Glossary TermsFigures

1. MOU Number

Illustrations

1. Suggested Steps in Developing and Controlling an MOU
2. Example of an MOU
3. Example of a Clearance Sheet for an MOU (form 1220-1)
4. Example of an MOU register Format

Appendix

1. Examples of Standard
2. Register of Active National Level Memorandums of Understanding

1786 - MEMORANDUMS OF UNDERSTANDING

.01 Purpose. This Manual Section provides broad, Bureauwide guidance and procedures for developing and managing Memorandums of Understanding (MOU's). Field Offices should issue Manual Supplements as needed. MOU's are written agreements between BLM and other entities which confirm cooperative policies or procedures to promote mutual endeavors. MOU's do not; obligate or exchange Federal funds, supplies, equipment, or services; share or exchange data with non-Federal entities; nor serve as substitutes for covenants or reservations in land or mineral patents (see .06).

.02 Objective. This Manual Section is designed to establish and promote an efficient and effective system for developing and managing MOU's.

.03 Authority. The following are common authorities which may apply to MOU's:

- A. Act of September 13, 1982, 31 U.S.C. 6301.
- B. Alaska National Interest Lands Conservation Act, 16 U.S.C 3101.
- C. Alaska Native Claims Settlement Act, 43 U.S.C. 1616.
- D. Archaeological Resources Protection Act of 1979, 16 U.S.C. 170aa-70ee.
- E. Coastal Zone Management Act, 16 U.S.C. 1451.
- F. Endangered Species Act of 1973, 16 U.S.C. 1531 et seq.
- G. Federal Coal Leasing Act Amendments, 30 U.S.C. 181.
- H. Federal Grant and Cooperative Agreement Act of 1977, 41 U.S.C. 501-509.
- I. Federal Land Policy and Management Act of 1976, 43 U.S.C. 1701 et seq.
- J. Federal Water Pollution Control Act Amendments of 1972, 33 U.S.C. 1511
- K. Federal Water Projects Recreation Act, 16 U.S.C. 460(1).
- L. Fish and Wildlife Coordination Act, 16 U.S.C. 661.

1786 - MEMORANDUMS OF UNDERSTANDING

- M. Historic Sites Act, 16 U.S.C. 461, et seq.
- N. Intergovernmental Cooperation Act of 1968, 42 U.S.C. 4201.
- O. King Range National Conservation Area Act, 16 U.S.C. 460y.
- P. Materials Act of 1947, 30 U.S.C. 601 et seq.
- Q. Mineral Leasing Act, 30 U.S.C. 181 et seq..
- R. National Environmental Policy Act, 42 U.S.C. 4321
- S. National Historic Preservation Act of 1966, 16 U.S.C. 470.
- T. National Trails System Act, 16 U.S.C. 1244
- U. Oregon and California Revested Lands Act, 43 U.S.C. 11181b.
- V. Public Rangeland Improvement Act of 1878, 43 U.S.C. 1901
- W. Sikes Act, 16 U.S.C. 670a et seq.
- X. Surface Mining Control and Reclamation Action of 1977, P.L. 95-87.
- Y. Timber Protection Act, 16 U.S.C. 594
- Z. Watershed Protection and Flood Prevention Act. 16 U.S.C. 1001.
- AA. Wild and Scenic rivers Act, 16 U.S.C. 1276
- BB. Wilderness Act of 1964, 16 U.S.C. 1131-1136
- CC. Wild Free-Roaming Horses and Burros Act, 16 U.S.C. 1331-1340.

1786 - MEMORANDUMS OF UNDERSTANDING

.04 Responsibility.

A. The Director and Deputy Director have overall responsibility for ensuring that the policies, procedures, and standards established for developing and managing MOU's are met.

B. Deputy Director for External Affairs is responsible for providing general direction for MOU development and management.

C. Chief, Division of Congressional Affairs, is responsible for:

1. Ensuring that adequate Bureauwide guidance is provided on MOU development and management.
2. Designating within the Division of Congressional Affairs a Washington Office MOU Custodian to maintain a central register and reference copies of national level MOU's (see .04H4).

D. Assistant Directors, within their respective areas of jurisdiction, are responsible for:

1. Ensuring that MOU's are developed and managed in accordance with this Manual Section.
2. Designating in writing an MOU Coordinator (see. 04G).

E. Assistant Director, Management Services is responsible for ensuring that Program Evaluation Reviews and Technical Procedure Reviews include the evaluation of MOU's at all levels of activity.

F. State Directors, BLM Director – Boise Interagency Fire Center, Service Center Director, District Managers, and Area Managers, within their respective areas of jurisdiction, are responsible for:

1. Ensuring that MOU's are developed and managed in accordance with this Manual Section.
2. Issuing supplements to this Manual Section as needed.
3. Designating in writing an MOU Coordinator and an MOU Custodian (usually the Records Manager).

G. MOU Coordinators, within their respective offices, are responsible for providing adequate guidance, coordination, and assistance for MOU development and management, in accordance with this Manual Section.

H. MOU Custodians, within their respective offices, are responsible for enduring that, in accordance with this Manual Section:

1. MOU's are properly identified, numbered, and controlled.  
04H2

1786 - MEMORANDUMS OF UNDERSTANDING

2. MOU registers and reference copies are properly maintained.
  3. Concerned offices received copies of current MOU's and registers.
  4. Record copy (see Glossary) documentation on MOU's is properly controlled, maintained, and disposed of in accordance with the Bureau Records Schedules. In the Washington Office, this is the responsibility of each originating official (see .0415).
- I. Originating Officials, with respect to MOU's initiated or developed within their offices, are responsible for:
1. Ensuring that MOU's are developed and managed in accordance with this Manual Section.
  2. Ensuring that the appropriate MOU Coordinator and other concerned officials are consulted during the MOU development process.
  3. Ensuring that MOU's are reviewed at least every 5 years to determine their adequacy, effectiveness, and continuing need..
  4. Ensuring that notification of amendment, extension, supersession, or cancellation of MOU's is provided to the appropriate MOU Custodian and concerned offices.
  5. In the Washington Office, ensuring that MOU record copy documentation is properly controlled, maintained, and disposed of.

.05 References.

- A. BLM Manual Section 1203, Delegation of Authority.
- B. BLM Manual Section 1270, Records Management.
- C. BLM Manual Section 1511, Assistance Agreements.
- D. BLM Instruction Memorandum No. 90-457, dated May 1, 1990.

.06 Policy. It is Bureau policy that its MOU's:

- A. Promote cooperative partnerships and mutual interests between BLM and other Federal agencies, State and local governments, private institutions, organizations, groups, and users of the public lands.
- B. Comply with current laws, regulations, procedures, and policies under which BLM performs its mission.
- C. Exclude any obligation or exchange of Federal funds, supplies equipment, or services (see Manual Section 1511 for guidance on instruments used for these purposes).

1786 - MEMORANDUMS OF UNDERSTANDING

D. Exclude any sharing or exchange of data with non-Federal entities (see Instructions Memorandum No 90-457, dated May 1, 1990, for guidance on data sharing agreements).

E. Must not be used as substitutes for covenants or reservations in land or mineral patents, since MOU's are usually not legally binding.

F. Are systematically and effectively developed and managed.

G. Are established for finite periods (e.g., 5 years), except when their anticipated need is indefinite.

H. Are reviewed at least every 5 years for adequacy, effectiveness, and continuing need, and terminated when no longer required.

.07 File and Records Maintenance. See .5 for guidance on control, maintenance, and disposition of MOU documentation.

1786 - MEMORANDUMS OF UNDERSTANDING

.1 Planning. The MOU development process must include careful and thorough planning, internal review, and revision prior to external review. Illustration 1 provides a list of suggested steps in planning an MOU. Before a draft MOU is composed, the originating official ensures that the following standards and procedures are followed:

11. Instrument Selection

A. Terminology. “Memorandum of Understanding” is the only recognized term for the type of instrument described in this Manual Section. Regardless of the term used for an instrument, if the instrument’s purpose agrees with the definition for “memorandum of understanding” found in the Glossary, it must be identified and controlled as an MOU in accordance with this Manual Section.

B. Purpose. The proposed MOU’s purpose must agree with the definition for “memorandum of understanding” found in the Glossary; otherwise, another type of instrument must be used. Do not use an MOU: to obligate or exchange Federal funds, supplies, equipment, or services; to share or exchange data with non-Federal entities; nor as a substitute for covenants or reservations in land or mineral patents (see .06).

C. Other Instruments. See Manual Section 1511, Appendix 1, for information concerning other types of instruments.

12. Scope. Define the scope of the proposed activity so that the work can be completed with available resources. Identify the participants, the responsibilities of each, the anticipated benefits to them, and all regulatory and administrative requirements or constraints.

13. Coordination. Consult with the following persons:

- A. MOU Coordinator. Review overall conditions and requirements.
- B. MOU Custodian. Review existing MOU’s to ensure that the proposed MOU will not conflict with or duplicate any existing MOU’s purpose
- C. Program Leaders. Resolve potential conflicts among BLM program leaders before beginning formal negotiations with non-BLM participants.
- D. Other Officials. Discuss potential problems, as necessary, with other concerned officials, for example:
  - 1. The other MOU participants, to determine their interest.
  - 2. The appropriate procurement Analyst, if there is uncertainty as to whether the document obligates or exchanges Federal funds supplies, equipment, or services (see .06C).

1786 - MEMORANDUMS OF UNDERSTANDING

3. The appropriate Records Administrator, if there is uncertainty as to whether the document shares or exchange data with non-Federal entities (see .06D).
4. The appropriate Solicitor, if any legal questions are involved.

1786 - MEMORANDUMS OF UNDERSTANDING

.2 Development. Illustration 1 provides a list of suggested steps in developing an MOU. The originating official ensures that the following standards and procedures are followed:

.21 Content. In order to allow compromise between the requirements of BLM and the other participants, the originating official should exercise appropriate flexibility in applying the following guidelines:

- A. Format. Illustration 2 provides an example of a suggested MOU format.
- B. Elements. The following elements are recommended in an MOU:
  - 1. Heading:
    - a. Title (“MEMORANDUM OF UNDERSTANDING”).
    - b. Identification of participants.
    - c. Brief description of subject.
  - 2. Statement of purpose or objectives.
  - 3. List of statutory authorizes for entering into the MOU.
  - 4. Procedures to be followed (jointly and individually).
  - 5. Administrative provisions for:
    - a. Recognition of limitations on agency authority or action because of law or appropriation.
    - b. Reference of disputed or stalemated issues to higher levels for resolution.
    - c. Requirement for cooperative review by all participants at least every 5 years.
    - d. Right to renegotiation after reasonable notice..
    - e. Right to unilateral cancellation after reasonable notice.
    - f. Amendments.
    - g. Expiration date (if appropriate).
    - h. Renewal
    - i. Identification of other MOU’s, if any, to be supplemented, amended, or superseded by the proposed MOU (see .32B5, .43A2, and .51B and C).

.21Bj

1786 - MEMORANDUMS OF UNDERSTANDING

- j. Stipulation as to when the MOU will become effective (if no specific date, upon signature by all of the participants).

6. Approval (signatures and dates).

.22 MOU Originals. Prepare one MOU original for each participant (see .24B).

.23 Clearance Sheet. Prepare a Clearance Sheet for the MOU (see .24A and Illustration 3).

.24 Routing.

A. Surnaming. The following officials should surname the Clearance Sheet (see Illustration 3) before the authorized BLM official signs the MOU:

1. Originating official.
2. Affected program leaders.
3. MOU Coordinator.
4. For amendments, cancellations, or superseding MOU's, the same officials who were involved in the development of the original MOU.
5. Other concerned officials (see .13D).

B. Signature. Each participant signs all MOU originals (see Manual Section 1203 for a list of BLM officials authorized to sign MOU's).

C. Distribution.

1. Each participant receives one approved MOU original bearing the signatures of all participants and the dates of signature.
2. MOU Custodian receives BLM's approved original in order to complete recordkeeping requirements (see .5).

1786 - MEMORANDUMS OF UNDERSTANDING

.3 Implementation.

.31 Effective Date. If not otherwise specified in the document, an MOU takes effect when all of its participants have signed. Its effective date is therefore the most recent date of signature.

.32 Supplementation.

A. Master MOU's. Master MOU's may be developed to provide broad or general policies and procedures under which more specific or local provisions may be implemented (e.g., a Washington Office MOU may be supplemented by a State Office MOU, and a State Office MOU by a District Office MOU).

B. Supplemental MOU's. With respect to the master MOU it implements, a supplemental MOU:

1. Is subject to the provisions of its master MOU.
2. Is signed by the same participants (usually at a lower or local level).
3. Terminates at the same time.
4. Should be identified as a supplemental MOU.
5. Should identify the master MOU it supplements by BLM MOU number, participants, subject, and effective date.

## 1786 - MEMORANDUMS OF UNDERSTANDING

.4 Review.

.41 Frequency. Originating officials should review MOU's initiated or developed within their offices at least every 5 years to determine their adequacy, effectiveness, and continuing need.

.42 Recommendation. In concluding the review, the originating official recommends whether the MOU should be continued, amended, superseded, or canceled.

.43 Revision.

A. Amendment. In reference to the MOU it amends, an amendment:

1. Should be clearly identified as an amendment.
2. Should identify the amended MOU by its participants, subject, and effective date.
3. Should be assigned the same BLM MOU number, with an amendment identifier suffixed and coded as shown in Figure 1.
4. Should correspond to the amended MOU in the numbering and heading titles of the elements affected.
5. Is signed by the same participants.
6. Should be filed as an attachment, addendum, or appendix to the amended MOU.
7. Terminates at the same time.

B. Supersession. A superseding MOU should identify the superseded MOU by its BLM MOU number, participants, subject, and effective date.

.44 Cancellation. An MOU may be unilaterally canceled at any time by any one of its participants. Reasonable, written notice should be provided to the other participant(s).

.45 Notification. When an MOU has been amended, superseded, or canceled, the originating official should promptly provide written notification of the change of status and copies any amendments or superseding MOU's to the MOU Coordinator, MOU Custodian, affected program leaders, and other concerned officials, as appropriate.

1786 - MEMORANDUMS OF UNDERSTANDING

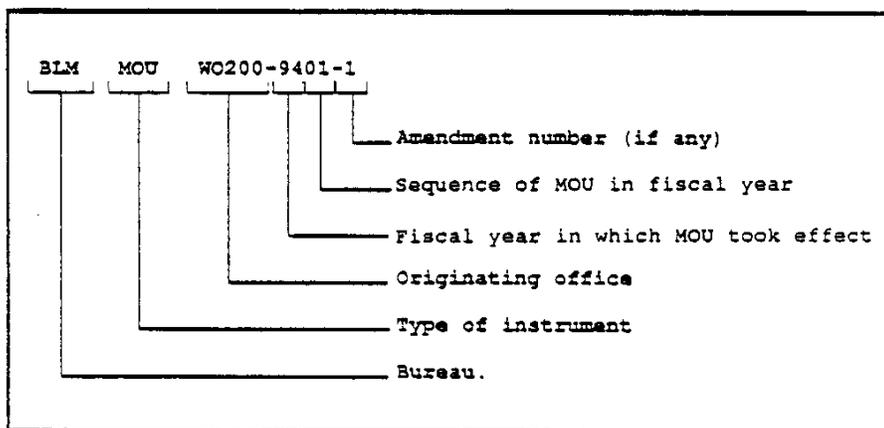
.5 Recordkeeping. Illustration 1 provides a list of steps in MOU recordkeeping.

.51 Documentation. Before any final documents are copied or distributed within BLM, the MOU Custodian ensures that the following actions are completed:

A. MOU Number. Assign and type an identification number on the approved MOU (see Illustration2).

1. All numbers must begin with "BLM MOU".
2. Type the same number on an amendment as was assigned to the MOU it amends, followed by the amendment's sequential number.
3. The following is a suggested numbering formula:

Figure 1 - MOU Number



B. MOU Register. Record the MOU's: assigned number; participants; subject content and other relevant information (e.g., its effect on other MOU's, if any); effective date; and date of expiration in the MOU register. Illustration 4 provides a suggested MOU register format and an example of how to record this information.

C. MOU Signature Page. Type a note at bottom of the MOU's signature page to specify the MOU's effect (e.g., supplements, supersedes, etc.) if any, on other BLM MOU's, and identify the affected MOU by its BLM MOU number (see Illustration 2, Page 3).

D. Communications Within BLM. In communications within BLM, an MOU should be referred to by its assigned number.

1786 - MEMORANDUMS OF UNDERSTANDING

.52 Distribution. Final documents should not be copied or distributed within BLM until the actions listed under .51 and the following have been completed by the MOU Custodian (except as otherwise indicated for the Washington Office.):

A. Record Copy. Retain one original as the record copy for the official case file. In the Washington Office, the record copy is retained by the Originating Official (see .53A).

B. Originating Official's Copy. Return a copy to the originating official.

C. Other copies. Distribute copies of the record copy and its revised MOU register page (see .51B) to appropriate offices in accordance with local distribution requirements.

.53 File Maintenance and Use. MOU Custodians, within their respective offices, must ensure that the following actions are accomplished:

A. Case File. Establish a case file for the record copy and file it under Subject Code 1786 and in numerical order. In the Washington Office, this is the responsibility of the Originating Official (see .54).

B. Reference Set. Place a reference copy of the MOU and its revised register page (see .51B) in the reference set.

.54 Location of Case File. The case file may be maintained in the central records unit by the Records Manager or in the originating office by the MOU Custodian, in accordance with local records management practices. In the Washington Office, the case file is maintained in the originating office (see .0415).

.55 Disposition. Disposition of all Bureau records is governed by the Bureau Records Schedules.

A. Case File. Disposition of record copies of MOU's and their background and working papers is found in Schedule 16, Item 22.

B. General Information. Disposition of general information concerning MOU's and cooperative relations is found in Schedule 23, Item 1a.

1786 - MEMORANDUMS OF UNDERSTANDING

Glossary of Terms

-A-

amendment: a modification of an MOU describing specific additions, deletions, or other changes that have been agreed to by the original MOU participants (see .43A). Addendums and appendices are included this definition.

-B-

background material: documents relating to the development and negotiation of an MOU, including: notes, memoranda, correspondence, drafts, revisions, Clearance Sheets, etc.

-C-

case file: the official file folder containing information pertaining to the development, use, amendment, and termination of an MOU, including the record copy and historical, background, and other related material.

-E-

entity: a Federal, State, or local government agency, bureau, department, etc., or private organization, group, or individual (see “participant”).

-M-

master MOU: an MOU that provides broad or general policies and procedures under which more specific or local provisions may be implemented (see “supplemental MOU” and .31A). Also called “umbrella MOU”.

memorandum of understanding (MOU): a written agreement between BLM and other entities which confirms cooperative policies or procedures to promote mutual endeavors. MOU’s do not: obligate or exchange Federal funds, supplies, equipment, or services; share or exchange data with non-Federal entities; nor serve as substitutes for covenants or reservations in land or mineral patents (see .06).

MOU coordinator: the designated person who is responsible, within a BLM office, for providing guidance, coordination, and assistance for MOU development and management (see.04G).

MOU custodian: the designated person (usually the Records Manager) who is responsible, within a BLM office, for ensuring that MOU documents are properly identified, controlled, maintained, distributed, and disposed of (see .04H).

1786 - MEMORANDUMS OF UNDERSTANDING

Glossary of Terms

-O-

originating office: the BLM office in which an MOU is initiated or developed.

originating official: the head of the originating office, or other BLM official responsible for the initiation or development of an MOU.

-P-

participant: an entity that is a signatory of an MOU (see "entity").

R-

record: any book, paper, map, photograph, machine-readable material, or other documentary material, regardless of physical form or characteristics, made or received by an agency of the U.S. Government under Federal law or in connection with the transaction of public business and preserved or appropriate for preservation by that agency or its legitimate successor as evidence of the organization, functions, policies, decisions procedures, operations, or other activities of the Government or because of the informational value of data in them. Library and museum material made or acquired and preserved solely for reference or exhibition purposes, extra copies of documents preserved only for convenience of reference, and stocks of publications and processed documents are not included in this definition.

record copy: the official or record document that is so marked or recognized, complete with enclosures or related papers. Also called "official file copy" (see .52A).

records manager: a person responsible for a records management program who has oversight responsibility for all records in a State, District, or Resource Area Office. The records manager is usually the MOU Custodian.

record schedule: a document governing, on a continuing basis, the mandatory disposition of recurring records series of an organization or agency; also called "retention schedule." disposal schedule, " or records disposition schedule."

-S-

supplemental MOU: an MOU that implements specific or local provisions under the broader provisions of a master MOU (see.31B).

1786 - MEMORANDUMS OF UNDERSTANDING

Suggested Steps in Developing and Controlling an MOU

<u>Responsible Official</u>	<u>Step</u>	<u>Action</u>
Originating Official	1.	Determines purpose and scope of the proposed MOU (See .11B and .12).
	2	Consult with other participants to determine their interest (see .13D3).
	3.	Consults with MOU Coordinator (see .04G and .13A).
	4.	Consults with MOU Custodian (see .04H and .13B) and reviews existing MOU's to prevent duplication or conflicts with proposed MOU.
	5.	Reviews relevant material, including laws, regulations, orders, and directives.
	6.	Coordinates with other BLM officials to resolve potential internal conflicts and identify needed provisions. (See .13D).
	7.	Outlines material.
	8.	Writes draft MOU
	9.	Sends draft to MOU coordinator and other appropriate officials for review and comment.
	10.	Reviews, edits, and incorporates appropriate comments into final MOU (see .21 and Illustration 2).
	11.	Reviews final MOU for structure, content, typing, grammar errors, etc.
	12.	Arranges for retyping, if needed.
	13.	Completes Form 1220-1, Clearance Sheet (see .23 and Illustration 3).

## 1786 - MEMORANDUMS OF UNDERSTANDING

Suggested Steps in Developing and Controlling an MOU

<u>Responsible Official</u>	<u>Step</u>	<u>Action</u>
	14.	Forwards Clearance Sheet and MOU originals to surnamers and BLM signing official (see .24).
BLM Signing Official	15.	Signs all MOU originals (see .24B).
Originating Official	16.	Ensures that each non-BLM participant signs all MOU originals (see .24B).
	17.	Ensures that each participant receives one approved MOU original (see .24C1).
	18.	Ensures that the MOU Custodian receives BLM's approved MOU original (see .24C2).
	19.	Ensures that no final documents are copied or distributed within BLM until the MOU Custodian has completed required recordkeeping actions (see .52).
MOU Custodian	20.	Assigns and types BLM MOU number on BLM's approved original (see .51A and Illustration 2).
	21.	Documents required information on the MOU's register page (see .51B and Illustration 4).
	22.	Types a note at bottom of MOU signature page to specify effect on other MOU's, if any (see .51C and Illustration 2, Page 3).
	23.	Retains one MOU original as the record copy for the official file (see .52A).
	24.	Returns a copy to originating official (see .52B).
	25.	Distributes copies of official file copy and revised register page to appropriate offices (see .52C).
	26.	Flies or returns background materials and working papers as required under .53 and .54.

1786 - MEMORANDUMS OF UNDERSTANDING

Example of a Memorandum of Understanding

1\* BLM MOU WO200-9401  
2\* FS MOU 1234567890

3\* MEMORANDUM OF UNDERSTANDING

among:

4\* U.S. Department of the Interior - Bureau of Land Management;  
U.S. Department of Agriculture - Forest Service; and  
Western Interstate Energy Board

concerning:

5\* Use of Public Lands and National Forests for  
Energy Production, Transmission, and Transportation

6\* I. Purpose. This memorandum of Understanding (MOU) provides procedures and guidance for coordination and cooperation among the Bureau of Land Management (BLM), the Forest Service (FS), and the Western Interstate Energy Board on energy-related land management issues of mutual concern to these three participants.

7\* II. Purpose. The membership, organization, and activities of the Energy Board qualify it to perform certain tasks for BLM and FS more effectively and efficiently than BLM or FS could perform either independently or together. These tasks are related to management, protection, development, and use of the public lands and the National Forests for energy production, transmission, and transportation. The tasks to be performed by the Energy Board under the provisions of this MOU will be in the nature of advice and assistance to BLM and FS. This advice and assistance will not be binding on BLM or FS, and neither BLM nor FS will be required to use all or any part of the advice and assistance in any policy, procedure, activity, or work involving management, protection, development, use, or sale of the public lands or National Forests.

8\* III. Authority.

- A. Section 307(b) of the Federal Land Policy and Management Act of 1976 (FLPMA), 43 U.S.C. 1737.
- B. Forest and Rangeland Renewable Resources Planning Act of 1974, as amended, 16 U.S.C. 581h, 1601 et seq.
- C. The Act of October 16, 1970, Public Law 91-461.
- D. 36 CFR 219.
- E. Motion of the Western Interstate Energy Board of September 12, 1980.

**INSTRUCTIONS\***

- 1. MOU Custodian types the BLM MOU number here (see .51A)
- 2. Document number(s) used by non-BLM participant(s) to identify same MOU may appear here also.
- 3. Identify the document a "Memorandum of Understanding" in its title (see .11A).
- 4. Identify the MOU participants.
- 5. Briefly summarize the subject of the MOU.
- 6. Briefly describe the purpose of the MOU.
- 7. State the objectives of the MOU.
- 8. Cite the legal and other authorities for entering into the MOU.

## 1786 - MEMORANDUMS OF UNDERSTANDING

## Example of a Memorandum of Understanding

2

**9\***

.IV.

Procedure. BLM, FS, or the Energy Board, individually or in combination, may identify potential tasks to be undertaken by the Energy Board under this MOU, following which the Energy Board may submit a work plan for the accomplishment of any agreed to task(s).

- A. Each work plan will contain the following information:
  - 1. Description, need, and anticipated result/product of the task(s) to be performed.
  - 2. Estimated funding requirement with payable schedule.
  - 3. Person(s) responsible for the task to be performed, and their experience and qualifications.
- B. Following receipt of the Energy Board's draft work plan, BLM and/or FS will identify and include in the work plan the names of key personnel responsible for the execution of BLM and FS responsibilities under the work plan.
- C. Agreement to the work plan will be documented by the authorized representative of each of the signers of the work plan. Acceptance of the work plan constitutes approval and authorization for the Energy Board to proceed under this MOU on the agreed to task(s). Each signer of the work plan will provide its own resources for the accomplishment of its portion of the work plan.

**10\*V.**Administration.

- A. Nothing in this MOU will be construed as affecting the authorities of the participants or as binding beyond their respective authorities or to require any of the participants to obligate or expend funds in excess of available appropriations.
- B. Conflicts between the participants concerning procedures under this MOU which cannot be resolved at the operational level will be referred to successively higher levels, as necessary, for resolution.
- C. The participants will review this MOU at least every 5 years to determine its adequacy, effectiveness and continuing need.
- D. The terms of this MOU may be renegotiated at any time at the initiative of one or more of its participants, following at least 30 days notice to the other participants.
- E. This MOU may be cancelled at any time by one or more of its participants, following at least 30 days notice to the other participants.
- F. Any participant may propose changes to this MOU during its term. Such changes will be in the form of an amendment and will become effective upon signature by all of the participants.

**INSTRUCTIONS\***

- 9. Describe the specific procedures agreed to be followed jointly and individually by the participants.
- 10. Include appropriate provisions from those listed under .21B5; others may be added.

1786 - MEMORANDUMS OF UNDERSTANDING

- G. The need for this MOU is expected to continue for 5 years, at the end of which period it will expire, unless cancelled, extended, or renewed.
- H. Before the MOU is due to expire, if all of the participants agree that there is a continuing need, it may be extended or renewed.
- I. This MOU supersedes the MOU concluded among BLM, FS, and the Energy Board of September 15, 1989, "concerning: Use of Public Lands and National Forests for Energy Production, Transmission, and Transportation.
- J. This MOU will become effective upon signature by all of its participants.

11\*  
Approved:

George F. Dalton  
11 George F. Dalton  
Director, Bureau of Land Management

October 5, 1993

M. Robert Butterfield  
M. Robert Butterfield  
Chief, Forest Service

October 7, 1993

J. L. Hooper  
J. L. Hooper  
Executive Director,  
Western Interstate Energy Board

October 9, 1993

12\* (This MOU supersedes BLM MOU WO200-8908)

**INSTRUCTIONS\***

- 11. Below each signature, type the singer's name as signed, title, and organization
- 12. After return of original BLM MOU (see.24C2), MOU Custodian types notation here to specify the MOU's affect, if any, on other BLM MOU's (implements, supersedes, etc.) and identifies the affected MOU by its BLM MOU number (see .51C).

1786 - MEMORANDUMS OF UNDERSTANDING  
 Example of an MOU Register Format

United States Department of the Interior Bureau of Land Management California State Office						
REGISTER OF STATE LEVEL MEMORANDUMS OF UNDERSTANDING						
BLM MOU No.	Participants	Subject Summary and Comments	Effective	Expires		
1 CA930-9109	BLM/Aray 2	3 Grazing on missile testing range	4 06/09/91	06/09/96	5	
CA940-9201	BLM/FWS/NPS/FS	Law enforcement on contiguous lands	2/03/92	02/02/97		
6 CA940-9201-2	BLM/FWS/NPS/FS	6 Law enforcement on contiguous lands (1 <sup>st</sup> Amendment to BLM MOU CA940-9201)	04/24/93	02/02/97		
CA930-9202	BLM/SCS	Soil management studies	05/12/92	05/11/97		
CA930-9301	BLM/FWS	7 Recreational uses of fish & wildlife resource (Supplements BLM MOU WO2009215)	01/16/93	01/15/98		
CA930-9302	BLM/Calif Humane Society	Removal of wild horses and burros	03/23/94	03.22/98		
1 CA930-9303*	BLM/FWS	Big game studies (canceled 12/31/95) 1	05/25/93	N/A		
CA930-9304	BLM/Calif Spelunkers Assoc	Recreational use of caves	07/13/93	07/12/98		
CA920-9305*	BLM/BM/MMS/OSM	9 Mining claims on public lands (superseded by BLM MO CA90-9402)	09/15/93	09/14/98 N/A		
CA940-9401	BLM/FWS/NPS/FS	Cadastral surveys	03/04/94	03/03/99		
CA920-9402	BLM/BM/MMS/OSM	9 Mining claims on public lands (superseded BLM MOU CA920-9305)	05/04/94	05/07/99		
CA930-9401	BLM/Calif Botanical Soc.	Preservation of native plant species	07/24/94	07/23/99		
10 July 1994	** inactive MOU	1				Page 11

INSTRUCTIONS

- Copy the BLM number from the first page of the MOU, as shown on Illustration 2, Page 1 (except omit "BLM MOU").
- List all participants in the MOU. Use consistent, standard/easily-understood acronyms or abbreviations (see Appendix 1).
- Briefly summarize the subject of the MOU.
- Type the effective date of the MOU (if unspecified, use the most recent signature date).
- Type date MOU is to expire (if applicable).
- Number and identify amendments as show (see .51A and Figure 1).
- Reference supplemented MOU's as shown
- Do not reassign the number of as inactive MOU to another MOU. Use as asterisk (\*) to identify the MOU as inactive. Add a brief explanation of the MOU's deactivation after the subject summary as shown.
- Cross-reference superseded MOU's as shown.
- Type month and year of most recent revision of the register page.

1786 - MEMORANDUMS OF UNDERSTANDING

Example of a Clearance Sheet for an MOU

Form 1220-1  
(April 1984)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Manual Release  
 Instruction Memorandum  
 Information Bulletin  
 Regulation Memorandum of Understanding  
 Other

**CLEARANCE SHEET**

INSTRUCTIONS TO ORIGINATING OFFICE

Attach to copies of documents being submitted for clearance. List all reviewing officials by office code and office title. For Bureauwide Directives, list (855) - Directives Management, both before and after signing official.

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Brief Description of Issuance (include Subject-Function Number and Heading)

Subject Codes:      1786 - Memoranda of Understanding  
                          2800 - Rights-of-Way

Participants:        Bureau of Land Management  
                          Forest Service  
                          Western Interstate Energy Board

Subject Summary:    Use of Public Lands and National Forests for  
                          Energy Production, Transmission, and Transportation

Originating Office:  Washington Office, Division of Rights-of-Way (W0330)

Originating Official: John Eastman, Telephone 343-5441

SIGN ALL DOCUMENTS IN BLACK INK

ROUTING (Begin with Originator)			NON- CON- SUL- RENER ( )	COMMENTS
TO	SURNAME OR INITIAL	DATE		
330 Rights-of-Way	Eastman	9/4/93		
200 AD-Land & Ren Res	Moore	9/5/93		
500 AD-Energy & MinRes	Glennings	9/7/93		
700 AD-Support Svcs	Robins	9/9/93		
130 Public Affairs	Killer	9/10/93		
110 External Affairs	Jones	9/15/93		
101 Deputy Director	Williams	9/20/93		
100 Director	Dalton	10/5/93		
200 AD-Land & Ren Res				

## 1786 - MEMORANDUMS OF UNDERSTANDING

Examples of Standard Acronyms for MOU Participants

AID	Agency for International Development
APHIS	Animal and Plant Health Inspection Service (USDA)
ARMY	Department of the Army
ARS	Agricultural Research Service (SE - USDA)
BIA	Bureau of Indian Affairs (DOI)
BIFC	Boise Interagency Fire Center
BLM	Bureau of Land Management (DOI)
BOC	Bureau of the Census (Commerce)
BM	Bureau of Mines (DOI)
BPA	Bonneville Power Administration (DOE)
BR	Bureau of Reclamation (DOI)
COE	Corps of Engineers (Army)
DEA	Drug Enforcement Administration (Justice)
DOD	Department of Defense
DOE	Department of Energy
DOI	Department of Interior
DOT	Department of Transportation
DSC	Denver Service Center
EPA	Environmental Protection Agency
ES	Extension Services (SEA - USDA)
FHA	Federal Highway Administration
EPC	Federal Power Commission
FPRS	Federal Property Resources Service (GSA)
FSS	Federal Supply Service (GSA)
FWS	Fish and Wildlife Service (DOI)
GPO	Government Printing Office
GS	Geological Survey (DOI)
GSA	General Services Administration
MMS	Minerals Management Service (DOI)
Navy	Department of the Navy (DOD)
NEA	National Endowment for the Arts
NOAA	National Oceanographic and Atmospheric Administration (Commerce)
NPS	National Park Service (DOI)
NRC	Nuclear Regulatory Commission
NWS	National Weather Service (NOAA)
OAS	Office of Aircraft Services
OPM	Office of Personnel Management
OSHA	Occupational Safety and Health Administration
OSM	Office of Surface Mining (DOI)
SBA	Small Business Administration
SCS	Soil Conservation Service (USDA)
SEA	Science and education Administration (USDA)
USAF	Department of the Air Force (DOD)
USDA	Department of Agriculture

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO-002	DOI/USA	Soil and moisture conservation and use	04/07/42
WO-005	BLM/Atomic Energy Commission	BLM grazing management of lands in Idaho withdrawn for AEC use	04/05/50
WO-0008	DOI/USDA	Control of grasshoppers, Mormon crickets, and other range pests	08/20/56
WO-009	BLM/FS	Actions on applications or claims for lands within National Forests	07/16/63
WO-011	DOI/Small Business Administration	Forest product sales to small businesses	03/10/59
WO-012	DOI/Federal Power Commission	BLM review of petitions for restoration or vacation of power withdrawals and right-of-way permits involving power sites	07/20/66
WO-014	BLM/Small Business Administration	Loans for construction of access roads for timber sales	05/18/62
WO-020	BLM/FS	Range management of adjoining blocks of lands	11/08/66
WO-023	BLM/Bonneville Power Administration	Construction of BPA powerlines across BLM lands	06/07/67
WO-024	OI/USDA	Development and operation of the National Trails System	05/23/69
WO-27	DOI/Canada	Fire control and equipment support and establishment of an international buffer zone along the Yukon border	04/20/71
WO-028	BLM/BR	Identification of possible geothermal development areas and referral of geothermal lease applications.	08/12/71
WO-034	BLM/FS/National Weather Service	Joint operation of Boise Interagency Fire Center	07/20/72

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO-035	BLM/FS	Integrated timber sale contracts	09/27/72
WO-037	BLM/FS	Pacific Crest National Scenic Trail in California	12/27/72
WO-038	DOI/Army Corps of Engineers	Planning Corps of Engineers work on BLM lands	02/20/73
WO-043	DOI/BR/Farmers Home Administration	Financial assistance to entrymen on unpatented public lands.	12/16/74
WO-048	DOI/DOD/USDA	Forest and grassland fire emergencies	06/26/75
WO-050	BLM/GS	Scientist and engineer exchange program	03/27/75
WO-052	BLM/GS	Joint Annual Work Plan in BLM Western land programs requiring geological and hydrological data	09/30/74
WO-053	BLM/BR	Colorado River Water Quality Improvement Program	07/28/73
WO-054	DOI/Army/EPA/USDA	Implements Sec. 304(j) , Federal Water Pollution Control Act Amendments of 1972 (P.L. 92-500)	09/25/73
WO-065	BLM/EPA	Implements Sec. 208, Federal Water Pollution Control Act Amendments of 1972	01/05/75
WO-066	DOI/Army	Dredging, filling, and excavation in navigable waters	07/13/67
WO-069	DOI/USADA	Establishes National Wildfire Coordinating Group	03/16/76
WO-096	BLM/Civil Service Commission	Appointments of consultants and experts	03/24/77
WO-101	BLM/SCS	Soil surveys on BLM lands	05/08/78
WO-102	BLM/Federal Highway Administration	Road work performed by FHA for BLM	06/06/78

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO-106	BLM/GS/OSM	Division of functions and responsibilities concerning Federal coal management	07/20/78
WO-106A	BLM/OSM	Establishes Interagency Committee for Program Coordination	07/20/78
WO-109	BLM/FWS	Consideration of fish and wildlife resources in coal-related activities (Annex III to BLM MOU WO-220)	10/03/78
WO-111	BLM/GS	Recognizes BLM as a participating member of the National Water Data Exchange (NAWDEX)	10/10/78
WO-113	BLM/Federal Highway Administration	Emergency relief available under 43 USC 125 for Federal roads off the Federal Aid System	03/06/79
WO-119	BLM/Western States Land Commissioners Association	Land exchanges between BLM and the western public land States	07/30/79
WO-123	BLM/FS	Integrating fire use and control into resource management	08/22/79
WO-125	BLM/GS/OSM	Management of Federal coal	10/24/79
WO-127	BLM/Colorado/Utah	Uintah-Southwestern Utah Regional Coal Team	11/20/79
WO-128	BLM/Colorado/Wyoming	Green River-Hams Fork Regional Coal Team	10/10/79
WO-129	BLM/Alabama	Alabama Subregion of the Southern Appalachian Coal team	11/13/79
WO-132	BLM/FWS/NPS/Heritage Conservation and Recreation Service	Land and Water Conservation Fund Policy Group	11/09/79
WO-133	BLM/FS	Transportation and utility corridor planning	02/19/80

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO-134	BLM/Colorado/New Mexico	San Juan River Regional Coal Team	03/06/80
WO-135	BLM/Colorado/New Mexico	Denver-Raton Mesa Regional Coal Team	03/06/80
WO-136	BLM/FS	Forest Service Cadastral Survey authority	03/19/80
WO-137	BLM/Montana/North Dakota	Fort Union Regional Coal Team	04/22/80
WO-138	BLM/Montana/Wyoming	Powder River regional Coal Team	04/22/80
WO-140	BLM/FS	Rights-of-way and road use	05/20/80
WO-141	DOI/BLM/USDA/FS	Surface coal mining within National Forest System boundaries	05/20/80
WO-142	BLM/Oklahoma	Western Interior Regional Coal Team	05/22/80
WO-143	BLM/GS/OSM/Advisory Council on Historic Preservation (ACHP)	Federal Coal Management Program	05/01/80
WO-144	BLM/ACH/Natl Conf of State Historic Preserv Officers	Livestock grazing and range Improvement program	01/14/80
WO-149	BLM/USAF	MX Missile System	09/23/80
WO-150	BLM/NPS	Cadastral surveys	09/26/80
WO-153	BLM/FS/Western Interstate Energy Board	Energy related issues in National Forest and public land management	11/07/80
WO-155	BLM/FS/SCS/Science & Education Admin Ext	Coordinated resource management and planning	11/26/80
WO-156	BLM/Western States Land Commissioners Association	Processing indemnity or in-lieu selection	01/08/81

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO-157	DOI/USDA	Forestry and rangeland research	01/19/81
WO-158	BLM/NPS	Subdivision corner monumentation within the National Park System (includes reimbursement finding)	08/28/80
WO-159	BLM/Amer Congr on Surveying & Mapping	Cadastral surveying/mapping workshops	01/30/81
WO-161	DOI/USDA	Public involvement coordination on natural resource program	10/29/80
WO-163	BLM/FS	Study of potential wilderness areas on contiguous BLM and Forest Service lands	2/20/81
WO-166	BLM/FS	Construction, maintenance, and use of a temporary aircraft shelter at BIFC	04/07/81
WO-167	DOI/USDA	Joint natural resources research programs	07/14/81
WO-171	BLM/Federal Highway Administration	Construction and improvement of Public Lands Development Roads and Trails	02/26/82
WO-172	BLM/GS	Automatic data processing	02/12/82
WO-175	BLM/Bonneville Power Administration	Electric energy facilities on BLM lands in Idaho, Montana, and Oregon	04/05/82
WO-177	BLM/FS	Issuance of leases and prospecting permits on National Forest System lands for all minerals except coal	12/30/80
WO-179	DOI/Small Business Administration	Assuring opportunities for small businesses to lease Federal coal	04/23/80
WO-180	BLM/BIA/FWS/NPS	Operation of programs and services at BIFC	04/12/82

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO-181	BLM/SCS	Development of native vegetation data base to identified soils	07/23/82
WO-182	BLM/GS	Establishes Interagency Committee for Program Coordination	08/31/82
WO-185	BLM/FS/GS	Streamlining Application for Permit to Drill Program; improved coordination with oil and gas industry	01/07/82
WO-186	BLM/MMS	Cultural resources related to Outer Continental Shelf mineral exploration and development	03/30/82
WO-187	BLM/BIA/FWS/NPS/FS	Wildfire management and use of fire-related resources during national or regional non-fire emergencies	01/01/82
WO-188	BLM/BM/GS	Mineral surveys of Wilderness Study Areas	01/14/83
WO-189	BLM/GS	Production, storage, and distribution of National Mapping Program products	01/19/83
WO-190	BLM/GS	National High-Altitude Photo Program	01/19/83
WO-192	BLM/GS	Establishment of horizontal control stations in Alaska	01/19/83
WO-193	BLM/GS	Exchange of cartographic and cadastral information	01/19/83
WO-194	BLM/BR	Management of lands and common resources withdrawn by Bureau of Reclamation	03/25/83
WO-195	DOI/APHIS	Management of range pests on public lands	06/03/83

## 1786 - MEMORANDUMS OF UNDERSTANDING

Appendix 2, Page 7

BLM MOU No.	Participants	Subject Summary	Effective
WO-196	BLM/GS	Collection and exchange of Public Land Survey System digital data	08/12/83
WO-199	BLM/DOE	Environmental reviews for site characterization pursuant to Nuclear Waste Policy Act of 1982	06/28/83
WO-200	BLM/FS	Consistent position Classification	05/29/80
WO-202	BLM/FWS/FS/Ducks Unlimited	Development of selected wetlands to increase waterfowl populations	03/14/84
WO-203	DOI/DOD	Onshore oil-gas-geothermal program	01/26/84
WO-204	BLM/Cave Research Foundation/National Speleological Soc	Management of cave resources on public lands	06/11/84
W-205	BLM/FS	Mineral leasing proposals (amended by BLM MOU WO600-9202)	06/19/84
WO-206	BLM/Fed Hwy Admin	Highway Safety Program standards	06/22/84
WO-207	BLM/National Federation of Federal Employees	Implementation of National Consultation Rights provisions of the Civil Service Reforms Act	06/01/82
WO-208	BLM/BIA/FWS/NPS/FS	Meteorological services for land management and fire protection	06/29/83
WO-209	BLM/Office of Aircraft Services	Aviation management and operations	11/09/83
WO-210	BLM/NPS	Grazing management in Glen Canyon National Recreation Area	09/04/84
WO-211	BLM/BIA/FWS/NPS/FS	Exchange of road maintenance	03/15/85
WO-212	BLM/GS	Hydrologic data and studies	06/14/85
WO-213	BLM/GIA	Natal resource data acquisition, inventory, and analysis	06/18/85

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO-214	DOI/DOD	Cooperative research activities	10/25/85
WO-215	DOI/Army	Implementation of Sec. 404(q) of the Clean Water Act, 33 USC 1344 (q)	10/25/85
WO-216	DOI/Boy Scouts	Cooperative relations	09/23/85
WO-217	BLM/FS	Coordinated land use and resource management planning	08/05/86
WO-217-1	BLM/FS	Coordinated land and resources management planning (extends BLM MOU WO-217 until 12/31/96)	12/30/91
WO-218	BLM/FS/SCS	Coordinated personnel programming	07/25/86
WO-219	BLM/FS	Reimbursable procedures and billings for services provided under separate agreements excluding fire activities	08/01/86
WO-220	BLM/FWS	Resource planning and management (Master MOU; see BLM MOU WO-109)	12/24/86
WO-222	DOI/GSA	Management of GSA-Leased Facilities	05/07/86
WO-223	DOI/APHIS	Management of grasshoppers and Mormon crickets	05/09/86
WO-225	BIA/GS/OSM	Management of coal mining on Indian lands	05/08/80
WO-226	BLM/FS/SCS/Ext Svc	Coordinated resource management	07/02/87
WO-228	BLM/Fed Property Resources Svc (GSA)	Management and disposition of excess mineral rights	08/06/87
WO-229	BLM/APHIS	Animal damage control	09/16/87
WO-230	BLM/FS	Leasable mineral operations on the National Forest System	10/28/87

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO-231	BLM/GS/NPS/FS	Implementing DOI Appropriations Act for 1987 in regard to geothermal leasing	12/09/87
WO-232	BLM/NPS	Planning and program coordination	01/29/87
WO-233	BLM/Quail Unlimited	Maintaining and enhancing productivity of wild quail habitats	06/11/88
WO-234	BLM/Trout Unlimited	Maintaining and enhancing cold water habitats to improve trout and salmon management	12/02/88
WO-236	BLM/FS	Minerals program training	10/13/88
WO-237	BLM/Colorado State University	Employment of cooperative education students	11/03/81
WO-238	BLM/Rocky Mountain Elk Foundation	Maintaining and enhancing elk habitats on BLM lands	02/18/88
WO-239	BLM/All-Terrain Vehicle Safety Institute	BLM authorization to conduct safety training programs on public lands	07/20/89
WO-240	BLM/Foundation for North American Wild Sheep	Maintaining and enhancing wild sheep habitats on BLM lands	10/19/88
WO-241	BLM/National Wild Turkey Federation	Maintaining and enhancing wild turkey habitats on BLM lands	02/25/88
WO-242	BLM/Mule Deer Foundation	Maintaining and enhancing mule deer habitats on BLM lands	03/25/88
WO-243	BLM/Intl. Society for Protection of Mustangs and Burros	Use of volunteers and exchange of information	12/06/89
WO-244	BLM/NPS	National Natural Landmarks Program coordination	05/09/88
WO-245	BLM/Ducks Unlimited	Implementation of BLM's strategy plan for waterfowl habitat management	2/20/90
WO-246	BLM/NOAA	Land Information System development	03/23/88

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO-247	BLM/Extension Service/National 4-H Council	Leadership training in natural resources and related opportunities	08/08/88
WO-248	DOI/USDA	Insect and disease management	03/28/83
WO-249	BLM/FS	Wild horses and burros	07.25/86
WO-250	DOI/USDA	Cross-designation of powers and authorities of law enforcement personnel	02/27/90
WO-251	BLM/The Nature Conservancy	Sharing information on ecological resources; emphasis on potential ACEC's	03/23/90
WO-252	BLM/Pheasants Forever	Maintaining and enhancing wild pheasant habitats on BLM lands	03/19/90
WO-253	BLM/Montana Department of Agriculture	Training and standards for certification of pesticide applicators	05/16/90
WO-254	BLM/National Rifle Association	Cooperative efforts in public land management	05/25/90
WO240-8023	BLM/FWS/FS/Calif. Fish and Game Dept./ Natl. Audubon Soc.	Cooperative California Condor Conservation Program	12/17/79
WO240-8810	BLM/Rocky Mountain Elk Foundation	Maintenance and enhancement of elk habitats	02/18/88
WO240-9010	BLM/Center for Plant Conservation, Inc.	Conservation of rare plant taxa occurring naturally on BLM lands	01/29/90
WO340-9101	BLM/FS/Tread Lightly, Inc.	Education about responsible use of recreational wildlands by highway vehicles and other forms of mechanical back country transportation	10/29/90
WO600-9102	BLM/BM/GS	Coordination of mineral resource surveys and reports on BLM lands	01/23/91
WO340-9103	BLM/American Motorcyclist Assn.	Development and management of Back Country Byways	03/15/91

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO340-9104	BLM/BR/FS/Go Camping America Committee	Promotion of better campground management, visitor satisfaction, and utilization	05/15/91
WO230-9105	BLM/American Forestry Assn.	Enhancement and restoration of forest ecosystems	05/17/91
WO108-9106	BLM/Times Mirror Magazines, Inc.	Management, protection, Development, and sale of public lands	05/24/90
WO108-9106-1	BLM/FWS/NPS/Times Mirror Magazines, Inc.	Management, Protection, Development and Sale of Public Lands (Amends BLM MOU WO108-9106)	06/13/93
WO220-9107	BLM/FS	Development and implementation of a continuing education program for rangeland managers	06/21/91
WO230-9108	DOI/USDA/HHS	Effective use of natural products with potential for the treatment of cancer	06/26/91
WO120-9109	BLM/Wayne County Community College/ Univ. of Michigan	Natural resources program	08/27/91
WO240-9110	BLM/Natl. Fish and Wildlife Foundation	Enhancement of fish, wildlife, and plant resources	07/10/91
WO600-9111	BLM/BIA/MMS	Working relationships affecting mineral lease activities	09/06/91
WO340-9112	BLM/NPS	National Historic Landmark coordination	09/23/91
WO240-9113	BLM/BR/FWS/NPS/FS/ Army/Navy/USAF/ Defenders of Wildlife/Izaak Walton League/Natl. Audubon Soc./Natl. Wildlife Fed./Intl. Assn. of Fish and Wildlife Agencies	Watchable Wildlife Program	12/03/90

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO240-9114	BLM/BR/FWS/NPS/FS/ Amerifish Corp./ Fishing Has No Boundaries	Opportunities and educational materials for disabled persons with respect to recreational fishing and environmental awareness	01/14/91
WO240-9115	BLM/FS/Amer. Forest Council/Natl. Forest Products Assn./Natl. Fish and Wildlife Found./Natl. Assn. of State Foresters/ National Woodland Owners Association	Implementation of "Animal Inn" information program	06/13/91
WO340-9201	BLM/Motorcycle Indus- Industry/Specialty Vehicle Institute of America	Promotion of responsible, safe off-highway recreational driving	10/15/91
WO600-9202	BLM/FS	Oil and gas leasing (amends BLM MOU WO-205)	11/19/91
WO600-9203	BLM/FS	Oil and gas operations (amends BLM MOU WO-230)	11/19/91
WO240-9204	BLM/American Fisheries Society	Fisheries sciences application to public lands	12/18/91
WO700-9205	BLM/Sandia National Laboratories	Effective use and application of advanced technology	10/08/91
WO760-9206	BLM/EPA	Monitoring and assessing ecological conditions	01/27/92
WO240-9207	BLM/American Birdling Association	Maintenance and enhancement of wild bird and other wildlife habitats	03/16/92
WO120-9208	BLM/BIA	Resources Apprenticeship Program for Students	01/31/92
WO240-9209	BLM/FWS/NPS/FS/AID/ EPA/AID/Navy	Establishment of Federal Neotropical Migratory Bird Conservation Committee	05/14/91

BLM MOU No.	Participants	Subject Summary	Effective
WO240-9210	BLM/Shimano American Corporation	Stewardship of fisheries resources on public lands and waters	04/13/92
WO240-9211	BLM/Desert Fishes Council	Stewardship of desert fish ecosystems	04/21/92
WO240-9212	BLM/FWS/BR/NPS/FS/Berkley, Inc./In-Fisherman, Inc.	Fisheries resources on public lands (Master MOU)	05/02/92
WO340-9213	BLM/FWS/BR/NPS/FS	Management of fossils on public lands	05/04/92
WO240-9214	BLM/Bass Anglers Sportsman Society	Maintenance and enhancement of warm water fishery resources	07/31/92
WO230-9215	BLM/Bristol-Myers Squibb Company	Production of taxol from the Pacific Yew	06/19/91
WO110-9301	BLM/BIA/BR/FWS/NPS/PPS/TIA	Cross-designation of law enforcement authority within DOI	03/09/92
WO101-9302	BLM/BR/FS/FWS/NPS/Army/U.S. Travel and Tourism Administr.	Information and marketing of tourism opportunities on public lands.	09/21/92
WO260-9303	DOI/USDA/Utah	Utah Land Exchange	01/19/93
WO240-9304	BLM/Wildlife Society	Master MOU	03/22/93
WO240-9305	BLM/One Shot Antelope Hunt Foundation	Master MOU	03/20/93
WO240-9306	BLM/Bat Conservation International	Master MOU	03/20/93
WO230-9307	BLM/Ruffed Grouse Society	Master MOU	03/20/93
WO100-9308	BLM/BIA/NPS/FWS/FS/NWS	Joint Operations of the National Interagency Fire Center at Boise	01/27/93
WO870-9309	BLM/GS	Production and Exchange of Cartographic Products and Services (Master MOU)	9/10/93

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO271-9310	BLM/Rodale Press	Hiking and Biking on the Public Lands	09/21/92
WO760-9311	BLM/EPA	Coordination of BLM-EPA Cooperative Programs/activities; Provides a General Framework for Supplemental MOUs	06/07/93
WO760-9312	BLM/EPA	Exchange of Technology, Mapping and Environmental Data	12/09/92
WO110-9314	BLM/U.S. Customs Service	Use of Treasury Enforcement Communications Systems (TECS)	09/15/93
WO772-9315	BLM/ACTION	Utilization of VISTA Volunteers	09/23/93
WO240-9316	BLM/North American Outdoor Group/ Wildlife Forever	Management of Wildlife and Aquatic Habitats	09/29/93
WO730-9401	BLM/Federal Highway Administration	Administering Portions of Public Lands Highways	10/29/93
WO270-9402	BLM/International Snowmobile Council, Western Chapter	Development and Management of Snowmobile Trails on BLM Lands	10/20/93
WO111-9403	BLM/FS/SCS/NPS/FWS	Education Environmental and Heritage	01/12/94
WO240-9404	BLM/FS/FWS/NPS NMFS	Conservation of Selected Species Listed under the ESA	01/25/94
RP222-9405	BLM/FS/BIA/NPS/FWS/ BOR	Cross Law Enforcement Authority Master MOU	01/04/94
NMSO030-9406	BLM/The Hispanic Association of Colleges and Universities	Increased Employment Opportunities in BLM for Students of Member Institutions of HACU	04/26/94
WO760-9407	BLM/Western Governors Association	Natural Resource Issues in the West	08/19/94
WO872-9408	BLM/FS	The Disposition of Records Created and Collected As a Result of the Interagency Investigation of South Canyon Fire, Colorado	08/19/94

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO240-9409	BLM/Raptor Research Foundation, Inc.	Raptor Management and Conservation	08/31/94
WO200-9410	BLM/FS	The Columbia River Basin Assessment and Upper Columbia River Basin EIS	09/16/94
WO700-9411	BLM/Cities in Schools, Inc.	BLM-CIS Resource Apprenticeship Program for Students RAPS)	11/04/94
WO240-9412	BLM/FS/COE/NMFS DOD/USBL/BOR/FWS/MMS/NPS/Cost Guard/FAA/FHWA/EPA	Conserving Species Listed as Threatened or Endangered and Protecting and Managing Populations and Ecosystems	09/29/94
WO760-9503	BLS/Western States Land Commissioners Association	Public Lands and Resources in the Western United States	12/02/94
WO500-9504	BLM/FS	Personnel Exchange Program	01/31/95
ID951—9506	BLM/NBS/FWS/NPS/FS /APHIS/Army National Guard Bureau/State of Utah Department of Natural Resources/Utah State University College of Natural Resources	Landscape and Ecosystem Modeling, Monitoring, and Analysis	03/26/95
WO330-9507	BLM/APHIS	Wildlife Damage Management	03/21/95
WO330-9508	BLM/Wyoming/Idaho/Montana/USDA	The Greater Yellowstone Area Brucella Bortus Infection	05/31/95
WO510-9509	BLM/American Volkssport Association	To Establish a General Framework of Cooperation	06/21/95
WO782-9510	BLM/NPS/FS	Cooperative Management and Administration of National Historic Trails	07/25/95
WO300-9512	BLM/FS/Oregon State University	Advancement of Collaborative Learning Technology in the Public Natural Resource Management Arena	05/09/95
WO340-9513	BLM/The Walt Disney Company/FS/NRCS.COE BOR/FWS/NPS	Establish General Framework for Coordination and Cooperation	05/09/95

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO480-9601	BLM/Society for Range Management	Promote the Stewardship of Rangeland Resources	08/28/95
WO330-9602	BLM/NPS/FWSFS/National Marine Fisheries Service/ American Zoo and Aquarium Assoc.	Conservation of Native Fishes and their Habitats	10/23/95
WO300-9603	BLM/DOE/MMS	Enhance the Development of Oil and Gas Resources	03/13/96
WO340-9604	BLM/Federal Railroad Admin/Assoc of American Railroads	Use the History and Technology of Railroad to Strengthen the Teaching of Math, Science and Humanities in Nation's Grade School	03/20/96
WO480-9605	BLM/FS/National Assoc of Counties	Establish a Framework for BLM/FS and NACo to Work Collaboratively	05/23/96
WO520-9606	BLM/FS/Geological Survey	Cooperative Activities to Eliminate Duplication of Effort and Ensure Consistency of Digital Data	05/11/92
WO330-9607	BLM/BoR/FWS/NBS/NPS/DOA/EPA/DOD/Dept of Housing and Urban Dev/ Tennessee Valley/FEMA	Interagency Stream Corridor Restoration Handbook	05/09/96
WO101-9701	BLM/BIA	Collocation and Cooperative Development of Automated Land Records Title System	10/07/96
TC100-9702	BLM/Maricopa County Community College District	Training for BLM Employees	5/05/93
TC100-9703	BLM/NPS	Collaborate DOI Training Operations	04/16/96
WO200-9704	BLM/All-Terrain Vehicle Safety Institute	Provide All-terrain Vehicle Rider Safety and Responsible Use Training Programs	10/04/96
WO200-9705	BLM/National Off-Highway Vehicle Conservation Council, Inc.	Establish a General Framework of Cooperation which is Mutually Beneficial To NOHVCC and BLM	10/04/96
WO400-9706	BLM/University of Nevada Desert Research Institute	Develop Cooperative Activities Related to Science of Ecosystem Management	07/12/95

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO310-9707	BLM/DOE/MMS/ Onshore Oil and Gas on Public Lands	Onshore Oil and Gas on Public Lands	03/13/96
WO350-9708	BLM/DOE/Chicago Operations Office Argonne Group	Individual Work Plans (IWPs)	01/27/97
WO700-9709	BLM/National Assoc. for Equal Opportunity (NAFEO)	Develop, promote and enhance BLM's Historically Black Colleges and Universities Program	12/18/96
WO250-9710	BLM/NPS/FS	Cooperative Management and Administration of the Continental Divide National Scenic Trail	01/26/97
WO200-9711	BLM/Geological Survey	Cooperative Investigations Studies	09/28/94
WO200-9712	BLM/FS/Natural Resources Conservation Service	Establish and describe a Federal Interagency Rangeland Health Committee	03/14/97
WO300-9713	BLM/Army Environmental Center/Natural and Cultural Resources Management	Improve management of cultural historical, and natural resources on the lands managed by Army and the BLM.	04/20/95
WO340-9714	BLM/FS	Rental fees for linear Right-of-Way	06/03/07
WO850-9715	BLM/National Black Chamber of Commerce, Inc	Support of the Business and Economic Development Program	07/29/97
WO350-9716	BLM/FS/MMS	National Spatial Data Infrastructure for Cadastral Data	04/11/97
WO300-9717	BLM/Geological Survey	Geologic, Mineral, Energy, and Environmental Information for Ecologically based Management of Federal Lands	09/01/97
WO250-9801	BLM/FS/Army Corps of Engineers/BOI/BOR/FWS NPS/DOT/EPA/Western States Tourism Policy Council	Coordinate and support the Implementation of the National Tourism Strategy	09/22/97

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO250-9802	BLM Wilderness Inquiry Inc. FS/NPS/FWS/BOR/ Army Corps of Engineer	People with Disabilities	10/22/97
WO250-9803	BLM/Back Country Horsemen of America	Promote responsible use and enjoyment of recreational saddle and pack stock in America's back country and wilderness area	0/3/11/98
WO250-9804	BLM/The Roundtable Associates, Inc.	Increased opportunities for people of all cultures to use and enjoy the programs, facilities, and activities of the BLM	08/07/98
WO650-9901	BLM/Girl ScoutsUSA	Provides opportunities for girls to experience discover, and share planned activities	10/31/98
WO250-9902	BLM/FS/Army Corps Ofc of Intergovernmental Affairs/BIA/BOR/FWS NPS/US Geological Survey	Achieve common goals of advancing domestic and international public's awareness, understanding, appreciation of the remarkable productive scientific military exploratory expeditions in history of the US	10/01/98
WO230-9903	BLM/Geological Survey Smithsonian Institution NPS/FS/FWS/Nature	Developing management policies to conserve springsnails on federal and The Nature Conservancy (TNC) land	11/06/98
WO220-9904	BLM/Agriculture/Animal Plant Health Inspection Srvc	Provide assistance, consultation and coordination on issues relating to health and proper handling of Wild Horse and Burro Management of BLM	02/04/99
WO650-9905	BLM/Natl Environmental Education and Training	Promotes National Public Lands Day at BLM sites throughout the county by sharing resources, expertise and support	05/06/99

## 1786 - MEMORANDUMS OF UNDERSTANDING

BLM MOU No.	Participants	Subject Summary	Effective
WO230-9906	BLM/National Fish and Wildlife Foundation	Promotes management, protection and development of the nation's public land	05/17/99
WO310-2000-01	BLM/Geological Survey	Provide production and publication of the helium annual Mineral Industry Surveys (MIS), Minerals Yearbook (MYB) Mineral Commodity Summaries (MCS)	03/21/2000
WO250-2000-02	BLM/American Recreation Coalition/Recreation Roundtable	Develop information which enhances the quality of experience of visitors to the BLM managed recreation sites	06/12/2000
WO220-2001-01	BLM/Dow AgroSciences LLC/FS	Management of Exotic, Invasive Noxious Weeds	01/04/2001