

**Forest Service Manual
National Headquarters - Washington Office
Washington, DC**

**Forest Service Manual 1500 – External Relations
Chapter 1530 - Interdepartmental**

Amendment: 1500-1990-8

Effective date: December 17, 1990

Duration: This amendment is effective until superseded or removed.

Superseded Directive: 1531.12h-1531.12m (no amendment number listed)

Approved by: F. Dale Robertson, Chief

Date approved:

Responsible Staff:

POSTING NOTICE. Amendments are numbered consecutively by title and calendar year. Post by document name. Remove entire document and replace with this amendment. Retain this transmittal as the first page of this document. The last amendment to this Title was Amendment 1500-90-7 to FSM 1540.

Explanation of changes: Following is an explanation of the changes throughout the directive by section.

1531.12n: Establishes code and caption to incorporate the Interagency Agreement Between the Bureau of Land Management and the U.S. Forest Service for Remote Automatic Weather Station (RAWS) Maintenance and Downlinking.

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1531.12h - Interagency Career Development Plan with the Participants being the Bureau of Land Management, Forest Service and Soil Conservation Service

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C. 20240

Interagency Memorandum of Understanding on
Coordinated Personnel Programming between
the Bureau of Land Management, Forest Service
and Soil Conservation Service

The Bureau of Land Management and the Forest Service have historically encouraged and participated in a number of joint programs which have led to increased cooperation between our two agencies. As guardians of our Nation's natural resources, we are vitally interested in the training of our technical personnel and their ability to deal with the increasing natural resource management demands impacted by legislation, public interest and user demands. It is the official policy of the Bureau of Land Management (BLM), the Forest Service (FS), and the Soil Conservation Service (SCS) to promote the exchange of professional and managerial personnel between our agencies. The BLM, FS and SCS will also continue mutual efforts toward consistent position classification for similar positions, and improved coordination of our interagency technical and managerial training programs.

The exchange of personnel will be accomplished through this Interagency Agreement and will include employees of the BLM, FS and SCS. A number of projects, as well as continuing positions, will be publicized to BLM, FS and SCS employees which will provide opportunities for the exchange of our professional and managerial personnel on a temporary or more permanent basis. This exchange will include short-term details, 1-3 year assignments with reemployment rights to the sending agency, and permanent reassignments or promotions to agencies involved. We believe this interchange of personnel will broaden and enhance the expertise of our technical, scientific and managerial employees, more effectively meet the staffing needs of our respective organizations, and increase employee awareness of natural resources programs of counterpart agencies. Another element of this program is cooperation in technical and managerial training programs, courses and sites. The joint training concept is intended to produce a technically balanced employee, with a more diversified approach to multiple resources management, and reduce duplicative or inefficient training programs which may presently exist.

Through the development and implementation of the personnel exchange program and continued coordination of our classification and training efforts, our participating agencies will insure a caliber of natural resources expertise necessary for a continuing and successful stewardship of our natural resources. We are confident that this Interagency Agreement will reaffirm our commitment to the proper development and management of our natural resources and guarantee more effective and responsive service to the American people.

/s/ Robert F. Burford
Director, Bureau of Land Management

7-3-86
Date

/s/ Wilson Scaling
Chief, Soil Conservation Service

7-15-86
Date

/s/ R. Max Peterson
Chief, Forest Service, USDA

7-25-86
Date

1531.12i - Master Interagency Agreement on Needs for Economic Data for Cattle Sheep Enterprises That Use National Forest System and Public Domain Lands

MASTER INTERAGENCY AGREEMENT
FOR MEETING
BUREAU OF LAND MANAGEMENT
and
FOREST SERVICE
NEEDS FOR ECONOMIC DATA FOR
CATTLE & SHEEP ENTERPRISES THAT USE
NATIONAL FOREST SYSTEM AND PUBLIC DOMAIN LANDS

BETWEEN

THE UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT,
THE UNITED STATES DEPARTMENT OF AGRICULTURE,
FOREST SERVICE
and the
ECONOMICS, STATISTICS AND COOPERATIVES SERVICE

I. Purpose: The purpose of this agreement is to state objectives and to establish guidelines for supplying the Bureau of Land Management and Forest Service with needed economic information concerning range livestock operations.

The Bureau of Land Management, United States Department of the interior, Forest Service, United States Department of Agriculture, and Economics, Statistics and Cooperative Service, United States Department of Agriculture desire to enter into this agreement for the purpose and work set forth herein.

II. Authority: Authority for agencies involved in the participation of this cooperative work program is covered by existing Federal statutes or delegations of authority including:

- A. Federal Land Policy and Management Act of 1976 (434 U.S.C. 1701).
- B. Section 601 of the Economy Act of June 30, 1932 (31 U.S.C. 686).

III. Objectives: Objectives of the cooperative program are to provide rancher economic data for use in BLM resource management planning, grazing environmental impact statements and rangeland management program decision documents; and, Forest Service land management planning, range program planning and project evaluation. Analyses are needed to evaluate and estimate: (1) the economic well-being of livestock producers in grazing

environmental statement and other planning areas, and (2) the economic contribution of the Federal grazing lands to local economies in the Western States.

IV. Procedures

A. Environmental Impact Statement areas, and selected areas encompassing individual or aggregations of National Forests and Grasslands for which livestock budgets are needed will be identified along with States, counties, or parts of counties that fall in each geographical area.

B. A description of livestock businesses with Federal range use will be compiled in each geographical area. This will include types of livestock enterprise, size distribution, annual feed sources and season of use, management practices that may affect use of Federal range, and all other sources of income.

C. Livestock enterprise budgets will be constructed for areas specified based on National survey data supplemented by data developed in Part B above along with data from other secondary sources such as Extension specialists, lending institutions, academic institutions, and producer organizations in the areas.

D. Preliminary ranch budgets will be circulated for review to the land management agencies and producer representatives before final publication.

E. A linear programming analysis will be made in each EIS and in selected Forest Service areas to assess; (1) practices producers can use in the short run to maintain income where adjustments in grazing use are needed; (2) the effect on ranch income of alternative allocations in Federal range use and projected long term income changes resulting from increased forage production.

F. The next national livestock cost of production survey for cattle and sheep will be designed to sample more heavily, where possible, in areas with Federal rangeland and to provide a data base for more precise cost and return analyses in these areas.

G. Lists of producers using Federal rangeland for all geographical areas needing livestock budgets will be developed for use in the survey.

H. Survey data will be collected, edited, tabulated and summarized for preparation of livestock budgets. Budgets will be updated annually through statistical indexing.

V. Agency Requirements:

A. The ESCS agrees to:

1. Furnish a professional economist (0.15 M.Y.) to supervise work on the project and assure a quality and timely product.

2. Hire and supervise temporary employees (i.e. university students) needed to complete the project.

3. Design the next major cattle and sheep cost of production survey to sample more heavily, where possible, in areas with Federal rangeland to aid in future ranch budget construction.

4. Prepare cattle and sheep budgets for not more than 25 designated BLM EIS areas and not more than 10 National Forest and Grassland areas per fiscal year.

5. Complete linear programming analyses for BLM and National Forest areas as specified in (4) above.

6. Furnish reports to BLM, and Forest Service in accordance with items 4 and 5 above.

7. Prepare and submit a proposed annual work plan (operating budget) for the coming fiscal year during the 3rd quarter of the current fiscal year.

B. The BLM agrees to:

1. Provide scientific and technical manpower per fiscal year, for the work as specified herein.

2. Furnish ESCS annually by the beginning of the 3rd quarter of each fiscal year a priority listing by State, of grazing environmental statement areas or resource management plan areas where ranch budgets are to be furnished in the following year and the target dates for delivery.

3. Provide data which describes ranch and livestock operations and authorized BLM grazing use within grazing EIS areas as indicated on BLM preference statements.

4. Arrange through BLM State Directors and District Managers livestock producer panels or other inputs for ranch budget verification.

C. The Forest Service agrees to:

1. Provide scientific and technical manpower per fiscal year, for the work specified herein.

2. Furnish annually by the beginning of the 3rd quarter of each fiscal year a priority listing of National Forests and Grasslands by region, or State, where ranch budgets are to be furnished in the following fiscal year and the target dates for required delivery.

3. Provide data which describes ranch and livestock production and permitted use of Forest Service term grazing permittees within the sample areas as indicated on Application for Term Grazing Permit (Form 2200.16, April 1978), or other Forest Service data sources.

VI. Publications:

Publications of ranch budgets or other data furnished to the BLM and Forest Service through this project may be made by all parties, or separately. Agencies shall have the opportunity to review manuscripts prior to publication upon request. Efforts will be made to reconcile differences of viewpoint; however, this shall not prohibit any party from use of any data in separate agency publications, provided the agency assumes sole responsibility and gives credit to the other parties for cooperation furnished. Each party will furnish to the other parties such number of copies of publications as may be agreed upon.

VII. Manpower and Budget:

A. Personnel commitments to this project by participating agencies will include an ESCS and BLM economist with expertise in range-livestock economics. The Forest Service will also designate an appropriate individual as their project representative.

B. The project leader (ESCS) and the project representatives (BLM and Forest Service) will meet annually prior to the start of each fiscal year (3rd quarter of each current year) to develop a new budget and work plan for each years activity. Each annual work plan and operating budget will be incorporated into the master agreement by amendment, and will establish proper obligation and fund control over payments.

VIII. Payment:

A. The BLM and FS will reimburse ESCS for their proportionate share of costs incurred as set forth in the annual budget. For fiscal year 1980 the BLM share will not exceed \$40,000 and the Forest Service share will not exceed \$25,000.

B. ESCS will bill the BLM and Forest Service quarterly for their proportionate share of the costs, including indirect expenses, by means of a SF-1081. Billings will be mailed to:

Forest Service:

USDA-Forest Service
Fiscal and Accounting Management
P.O. Box 2417
Washington, D.C. 20013

Bureau of Land Management:

Bureau of Land Management
U.S. Department of the Interior
Interior Building
18th & E Streets, NW
Washington, D.C. 20240

C. Nothing herein shall be construed as obligating the BLM, or Forest Service to expend or as involving the United States in any contract or other obligation for payment of money in excess of appropriations authorized by law.

IX. Effective Date and Period of Performance:

This agreement becomes effective as of the date last signed below, and shall continue in force through September 30, 1983, or until mutually or unilaterally terminated.

X. Renewal:

This agreement may be renewed for as long as one year, each forthcoming October 1 if agreeable to all parties. Renewals shall be in the form of written bilateral instruments (Annual Operating Budgets) as outlined in Parts V; A7, B2, and C2 respectively. It is understood that renewals are dependent on the Congress making the necessary appropriations to fund future work; and it is agreed that if Congress does not make such appropriations, the ESCS releases the BLM and the Forest Service from any liability and potential future commitment under this agreement.

XI. Termination:

This agreement will remain in effect until terminated by mutual agreement, or by any party hereto giving ninety (90) days written notice to the other parties.

XII. Agency Approvals:

Bureau of Land Management,
The United States Department of Interior

_____/s/
Title: Acting Assistant Director, Renewable Resources

November 7, 1979
Date

Forest Service
The United States Department of Agriculture

/s/ Thomas C. Nelson
Title: Deputy Chief, National Forest System

November 8, 1979
Date

Economics, Statistics and Cooperative Service,
The United States Department of Agriculture

_____/s/
Title: Deputy Administrator for Economics

November 14, 1979
Date

1531.12j - Interagency Agreement Concerning Air Resource Management

83-SIE-0015

INTERAGENCY MASTER AGREEMENT
BETWEEN
U.S. DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT
AND THE
U.S. DEPARTMENT OF AGRICULTURE, FOREST SERVICE
CONCERNING AIR RESOURCE MANAGEMENT

I. INTRODUCTION: The Bureau of Land Management of the Department of the Interior and the Forest Service of the Department of Agriculture are mandated by the Clean Air Act as amended (42 U.S.C. 7401 et. seq.) to manage the air resource and related values on all lands under their administration and to comply with Federal and State air quality standards and implementation plans. It is of mutual benefit for the Federal land manager to share services, resources and technology to assist each other to meet their responsibility by the most cost-effective and efficient manner.

II. PURPOSE: To provide for exchange of information, technology, services, and funds between the Bureau of Land Management of the Department of the Interior and the Forest Service of the Department of Agriculture, hereafter called "cooperating agencies", on all aspects of air resource management and to facilitate the cooperative use of air resource management related resources between these cooperating agencies.

III. EXCHANGE OF SERVICES: In keeping with the intent of this agreement, the parties agree that each agency may request service from, or perform service for the other consistent with law, Executive orders, the Code of Federal Regulations, each agency's internal policy documents, and this agreement. Such services may include, but are not limited to, the following:

Cause-effect and source-receptor relationships associated with pollutant transport and transformation.

Applied research and development projects.

Visibility impairment/visitor enjoyment relationships including perceptions of various impairment phenomena and their effect on scenic values.

Smoke management.

Air quality, climate and meteorology monitoring.

Air quality modeling and simulation techniques.

Analysis and interpretation of monitoring data.
Training activities and instructional materials.

Exchange of air resource management expertise and personnel.

IV. REPORTS: Reports and papers prepared under this agreement shall be provided to the funding agency for review and approval. Such reports must be mutually approved and recognize this cooperative effort before being published or presented.

V. FUNDS: Any funds made available by either party shall be provided within applicable fiscal regulations and available appropriations. Funding for each task shall be decided on the basis of project work plans. A cost estimate of each task shall be included in the project work plan. Parties to this agreement are not obligated to make expenditures of funds under terms of this agreement unless such funds are appropriated for the purpose by the Congress of the United States, or are otherwise available.

VI. REVIEW: At a mutually agreeable time, agency representatives shall meet to review joint planning, desirable transfers of jurisdiction, joint use, operation and maintenance of data, equipment and other resources within their respective jurisdictions. It is the responsibility of respective Regional/State office air resource representatives to arrange such meetings. Problems associated with tasks developed under this agreement should be resolved at the Regional/State office level. Issues that cannot be resolved at the Regional/State office level are to be referred to the respective Washington Offices, if necessary.

VII. DELEGATIONS OF AUTHORITY: Subject to the instructions and limitations imposed by this agreement, the Regional Foresters, Station Directors, and State Directors are designated as the authorized representatives of the respective agencies, and are hereby granted authority to execute agreements covering any air resource management project and associated service over which they have mutual jurisdiction and interest.

VIII. IMPLEMENTATION AND TERMINATION: This agreement shall become effective on the day of the last signature and shall remain in effect unless terminated by mutual agreement, or by one agency giving the other agency ninety (90) days prior, written notice with justification. Modifications must be by mutual agreement, in writing, and amended to the original agreement. Work plans shall be made for each cooperative effort and shall include, at a minimum, a task description, performance standard, completion schedule, funding information and approval process

IX. AUTHORITIES: This agreement is entered into under the authority of the Economy Act of 1932 (31 U.S.C. 1535) as amended, Federal Land Policy and Management Act of 1976, (U.S.C. Sections 1701, 1711), and the Clean Air Act (42 U.S.C. Sections 7475, 7491, and 7403).

United States Department of the Interior

/s/ _____ 4/3/84
Director, Bureau of Land Management Date

United States Department of Agriculture

/s/ _____ Sep 28 1983
for Chief, Forest Service Date

1531.12k - Interagency Agreement Concerning Placement of Dual Career Couples

86 -SIE -003

INTERAGENCY AGREEMENT
between
USDA, Forest Service
and
USDI, Bureau of Land Management

This INTERAGENCY AGREEMENT, made and entered into by and between the U.S. Department of Agriculture, Forest Service, hereinafter referred to as the Forest Service, and the U.S. Department of Interior, Bureau of Land Management, hereinafter referred to as the Bureau and together hereinafter referred to as Agencies, under the authority of the Economy Act of June 30, 1932 (31 U.S.C. 1535).

WITNESSETH:

WHEREAS, the Forest Service and the Bureau have both experienced an increase in the number of dual career couples; and

WHEREAS, the Forest Service and the Bureau have both suffered the loss of trained employees when the spouse of a transferring employee is unable to secure suitable employment; and

WHEREAS, the Forest Service and the Bureau share a similar mission to manage the natural resources of the United States; and

WHEREAS, the Forest Service and the Bureau employ individuals in similar occupational series; and

WHEREAS, the Forest Service and the Bureau have offices colocated in many areas, and

WHEREAS, the Forest Service and the Bureau desire to establish an atmosphere of cooperation, whereby both would increase the opportunity to locate suitable employment for the accompanying spouse.

NOW THEREFORE, in consideration of the above premises, the parties hereto agree to the extent feasible under the legal, fiscal, and other limitations governing each.

- 1 . To combine efforts to locate suitable positions for accompanying spouses.
2. To exchange vacancy announcements for shared occupational series.
3. To expand the area of consideration of vacancy announcements on a case-by-case basis.

4. To consider placement for accompanying spouses by lateral reassignment, reinstatement, and voluntary change to lower grade.
5. To assist each other in the temporary placement of accompanying spouses through details.
6. To combine efforts to provide for counseling or training for dual career couples.

THE PARTIES HERETO ALSO AGREE THAT:

This agreement will be implemented at the local level between the Bureau and Forest Service servicing personnel offices.

This agreement may be revised as necessary, by mutual consent of all parties, by the issuance of a written amendment, signed and dated by both parties.

Nothing in this agreement shall be construed as obligating the Forest Service or the Bureau to expend, or as involving the United States in any obligation for future payment of money, in excess of appropriations authorized by Law.

Either party hereto will have the right to terminate this agreement by giving 60 days notice in writing to the other. Unless so terminated, it shall remain in force indefinitely.

Annually, on a date agreeable to both parties, the agreement will be reviewed and evaluated as to accomplishments and establish a work plan to meet the objectives of the agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the last date signed.

9/17/85
Date

/s/
Associate Chief
Forest Service

5-9-85
Date

/s/
Associate Director
Bureau of Land Management

**1531.12I - Master Memorandum of Understanding Covering Reimbursable and Billings
Procedures for Services Other Than Fire Activities**

#86-SMU-008

Master Memorandum of Understanding
Between the
United States Department of the Interior (USDI)
Bureau of Land Management (BLM)
and the
United States Department of Agriculture (USDA)
Forest Service (FS)
Covering reimbursable procedures and billings
for services provided under separate
agreements excluding Fire Activities

The USDA, Forest Service (FS) and the USDI, Bureau of Land Management (BLM) hereby agree to the following procedures by all offices for all activities except those covered in the Joint Interagency Fire Agreement.

1. For fiscal year 1986 the agencies will use a standard 20 percent indirect cost rate which will be assessed against all direct costs in agreement under 31 U.S.C. 1535, the Economy Act, as amended. This indirect cost rate will be reviewed by September 30th of each year and any modification to the prescribed rate will be made by amendments to this agreement.

2. All currently executed agreements between the FS and BLM will not be changed to reflect the 20 percent indirect cost rate and will continue under the existing terms of the agreements until September 30, 1986. All new and/or renewed agreements, except for fire related activities, will contain the 20 percent indirect cost rate, or other rate as agreed upon and incorporated through amendments to this agreement.

3. Except as provided below, and in future amendments to this MOU, each agency will determine direct costs in accordance with their own currently defined procedures.

4. EXCEPTIONS:

a. The Forest Service will not include as direct costs in billings to BLM, any costs for automatic data processing services, electronic data processing services, or other information system services costs. Costs of this nature are deemed to be covered by the indirect cost rate. However, costs of procuring ADP equipment, as necessary, will be considered direct cost.

b. The Forest Service will use planning rate salary computations for determining labor costs when it is the billing agency.

c. The BLM will use annual or hourly salary rates plus benefits (17 percent of salary costs for FY86) in determining labor costs when it is the billing agency.

This Memorandum of Understanding will be effective for all agreements entered into or executed on or after August 1, 1986 by the agencies and shall run indefinitely unless terminated by either party.

Agreed to on this 1st day of August, 1986.

/s/

Director, USDI,
Bureau of Land Management

For: Chief, USDA
U.S. Forest Service

1531.12m - Memorandum of Understanding Between the Bureau of Land Management (BLM) and the Forest Service (FS) for Coordination and Cooperation of Minerals Program Training

MEMORANDUM OF UNDERSTANDING
BETWEEN
THE BUREAU OF LAND MANAGEMENT (BLM)
AND
THE FOREST SERVICE (FS)
FOR
COORDINATION AND COOPERATION OF MINERALS PROGRAM TRAINING

The Bureau of Land Management (BLM), Department of the Interior, and the Forest Service (FS), Department of Agriculture, hereby agree that the policy and procedures set forth in this Memorandum of Understanding (MOU) shall be followed with respect to the establishment of Forest Service Minerals Program Training Positions at the BLM, Phoenix Training Center (PTC). Specific authorities of the Agencies to operate under the MOU will be cited in the supplements to this agreement and they will reflect the activity to be accomplished by either party.

I. Purpose

This MOU establishes the policy and procedures by which the Forest Service Minerals Program Training positions will be financed, administratively supported, and function. This policy and these procedures are adopted to ensure cooperative, timely and efficient operation of the FS/positions located at PTC.

II. Goals

- Improved cooperation and coordination of training for the BLM/FS.
- Increased quality of BLM/FS minerals training.
- Increased participation in both BLM and FS minerals training.
- Provide effective training to BLM and FS employees having mineral responsibilities.

III. Responsibilities

A. The FS responsibilities will be managed through the Region Three Regional Forester. The BLM responsibilities will be managed through the Arizona State Director. The joint BLM/FS responsibilities will be coordinated through the PTC manager.

B. The identified FS positions will be FS employees. The FS will fund these positions, and perform all the necessary personnel actions. The FS will provide for the installation and operation of needed Data General terminals. The FS will also pay for associated travel

and fund program operations to PTC on a reimbursable basis per supplement to this agreement.

C. The Bureau of Land Management will provide minerals and associated technical training as identified by the Forest Service through appropriate training needs analysis.

D. For the purposes of this program, no indirect costs (surcharge) shall be made a part of any payment to BLM for reimbursement of expenses. The policy not to assess indirect costs (surcharge) will be reviewed annually prior to September 30. Any change in policy will be documented in an amendment to this agreement.

E. Detailed procedures for the implementation of this MOU will be provided in a BLM - Arizona State Office and FS - Region Three Regional Office Interagency Agreement.

IV. Agreement Review

Annually, on the anniversary date of the MOU, line management of the BLM/FS shall review this agreement for purposes of determining if amendments are needed.

V. Duration/Termination

This MOU shall become effective upon the date of approval of the last signatory. Either participating agency may terminate this agreement upon 60 days written notice to the other prior to the end of the fiscal year.

Director, Bureau of Land Management

Chief, Forest Service

/s/ Robert F. Burford

Date 10/11/88

/s/ George M. Leonard

Date 10/13/88

1531.12n - Interagency Agreement Between the Bureau of Land Management and the U.S. Forest Service for Remote Automatic Weather Station (RAWS) Maintenance and Downlinking

88-SIA-003

INTERAGENCY AGREEMENT BETWEEN
THE BUREAU OF LAND MANAGEMENT
AND THE U.S. FOREST SERVICE
FOR REMOTE AUTOMATIC WEATHER STATION (RAWS)
MAINTENANCE AND DOWNLINKING

A. BACKGROUND

This Interagency Agreement (IA) is made and entered into by and between the Bureau of Land Management, hereinafter referred to as the BLM, and the U.S. Forest Service, hereinafter referred to as the FS.

The BLM has established a centralized Remote Automatic Weather Station (RAWS) support facility at Boise Interagency Fire Center (BIFC). The services provided by BLM through this agreement will consist of the three programs listed in Sections C.1, C.2, and C.3, and described herein. Sections C.1 and C.2 describe the maintenance programs. Section C.3 describes the data recovery and routing program.

For the purpose of this IA the term downlink(ing) is defined as the recovery process of receiving the data transmitted from the RAWS site via the western Geostationary Orbiting Environmental Satellite (GOES). This process is performed by the Bureau's Direct Readout Ground Station (DRGS) located at BIFC. Data routing is defined as moving the data (either in raw format or in one of the Bureau's predefined customized formats) from the DRGS to a single-point distribution center as identified by the FS (example: AFFIRMS in Ft. Collins via local Boise drop point). The FS will be responsible for the costs associated with this data routing.

B. PURPOSE

The purpose of this agreement is to establish and provide long term maintenance and downlinking services to the FS in support of their existing RAWS program and any subsequent stations added to the network. Implementation of this agreement will benefit the FS by providing scheduled and breakdown maintenance availability to eliminate excessive down time and resulting loss of fire and resource management weather data. Implementation of this agreement will benefit the BLM by providing a single long term agreement that assures funding support which in turn provides program stability for the overall Interagency RAWS Program and support functions.

C. STATEMENT OF WORK

The BLM, BIFC agrees to:

1. Under the Full-Ride Program,
 - a. Respond to any breakdown under normal operating conditions within ten working days during fire season (April 15-November 30) unless the breakdown occurs during a critical fire situation. (Station failure during critical fire situations will be handled as an emergency and given high priority for repair).
 - b. Respond to any breakdown outside fire season on a case-by-case basis with the schedule mutually agreed upon by both BLM and the FS. The FS RAWS contact will be notified in advance of any maintenance trip.
 - c. Make repairs on site by replacing defective subassemblies and to recalibrate and reinitialize failed systems. All defective subassemblies will be repaired at the BIFC depot maintenance facility and placed in the equipment pool. (Equipment under warranty will be sent back to the manufacturer by the depot staff for repair before being returned to the spares pool.) Following any service trips, the BLM will furnish the FS a written record of accomplished maintenance and service.
 - d. Establish calibration and certification cycle for each FS RAWS system that includes calibration of all sensors, certification of stations, and corrections necessary to ensure each station meets the installation specifications provided by the manufacturer's service manuals and by established, documented FS guidelines. This cycle will typically occur once each calendar year in the spring and will be completed prior to May 15. For stations that have been covered by this IA or similar Memorandums of Understanding (MOU's) with the BLM for more than one year, wind sensors will be replaced/rebuilt on a two year schedule. It is during these visits that any required preventative maintenance (PM), systems modifications (increased sensor compliment), and close proximity station movement will be accomplished.
2. Under the Depot Support Program,
 - a. Provide an annual calibration and certification capability for the equipment covered under Depot Contract Agreements. This equipment shall be delivered to BIFC by the FS, reworked and returned to the appropriate forest within ten working days or less by the same method of shipment as they were received.
 - b. Maintain a depot level maintenance facility responsible for normal repair of failed equipment, calibration/certification of system subassemblies, pooled spares requirements, individualized systems monitoring of performance upon request by

the system Point Of Contact (POC), and maintenance administration (the BLM will supply the FS with written record of accomplished maintenance and service).

c. Maintain a pooled spares inventory to facilitate quick turnaround and cost effective repairs for all systems covered under this agreement. If requested, equipment will be sent to the FS before field work is done to facilitate rapid field repair and reduce costly two-trip repairs.

d. Provide technical liaison to all appropriate FS field users in the areas of RAWs technology, maintenance, operation, and problem isolation.

e. Provide technical training on a prearranged case-by-case basis. This training would be available at the BIFC RAWs facility and subject to certain limitations (size of class, time of year, and instructor availability).

3. Under the Data Recovery (downlinking) and Routing Program,

a. Make RAWs data available to the FS by downlinking FS RAWs data and routing it to the AFFIRMS, or any replacement for AFFIRMS, through the BLM Direct Readout Ground Station (DRGS) located at BIFC.

b. Submit to the FS quarterly, on or about the first week following the quarter, a billing that details the actual RAWs downlink months accrued during the previous quarter. This billing will be broken down by Region or Station.

The FS agrees:

4. That under the terms of this IA they will,

a. Make payment to the BLM annually, on or about the first week of October, as per the Annual Operating Plan (AOP) for maintenance services covered under this agreement. Each FS Data Collection Platform (DCP) Coordinator will complete one AOP for his or her entire Region or Research Station. The AOP will be completed on a standard form provided to the DCP coordinator by the Washington Office (WO). The DCP Coordinator will submit the AOP to the WO Weather Program Manager by mid-August of each fiscal year. The WO Weather Program Manager will then complete a consolidated AOP for the FS and send it to BLM, BIFC. (See Section E. Annual Operating Plan.)

b. Make payments to the BLM quarterly, on or about the second week following the quarter, as per the quarterly downlink billing supplied by the BLM.

c. Incur any costs for helicopter flights to stations not accessible by road.

d. Assume liability for damage due to vandalism and extreme environmental conditions exceeding manufacturer design specifications. This liability includes all costs for equipment replacement, travel and per diem. This liability also includes the costs for equipment replacement when equipment has been determined unserviceable.

e. Incur all costs associated with bringing each RAWs system up to acceptable performance standards, as identified in the original manufacturers publications, in preparation for acceptance and coverage under this CA. This includes wages, travel, per diem, and materials or equipment required to return each system back to manufactures specifications.

D. SPECIAL PROVISIONS

1. RAWs systems covered under this agreement are of the Standard Fire Weather type manufactured by Handar and LaBarge. (H-530, H-540, and RMS-100). Sensors include all standard units supplied by these manufacturers. Other equipment and sensors will be considered on a case by case basis.

2. Representatives of the FS and BLM shall consult annually, by September 15, to review the consolidated AOP and make adjustments where they are required.

3. Neither party shall materially change plans, equipment, or operating procedures without consultation and written notice to the other party.

4. Nothing in this agreement shall be construed as obligating the FS or the BLM to expend or as involving the United States in any contract or other obligations for further payment of money in excess of appropriations authorized by law and administratively made available for this work.

5. That this agreement shall extend for a period of five years (October 1, 1987 - September 30, 1992) and may be extended by mutual agreement subject to D-4.

6. That upon termination of this agreement, that RAWs equipment purchased by the FS shall remain property of the FS.

7. Any problems related to this agreement that cannot be reconciled in the field offices shall promptly be referred through channels to Agency heads for resolution.

8. Prior to each years AOP submittal, the established fees associated with this agreement will be evaluated and reviewed to reflect the most realistic costs for the coming year.

9. Principal BLM personnel charged with administering this agreement shall be the BLM RAWs Program Manager, or equivalent, and the Lead RAWs Field Technician, or the equivalent.

The principal FS contact charged with administering this agreement shall be the USDA-FS Weather Program Manager, or equivalent. The FS, if they so choose, may identify Regional Points of Contact (POC's) (usually Regional DCP Coordinators) for Regional office coordination of this IA.

E. ANNUAL OPERATING PLAN

The Annual Operating Plan (AOP) is a fiscal year projection of the FS RAWS network activity, requiring BLM downlinking and maintenance support and associated costs. It is prepared each year for budgetary, program support and management purposes.

The AOP will be modified annually as conditions and programs change as per Section D. Special Provision No. 2 of this document. It (the AOP) will be based on the AOP submitted by each FS Region and Research Station as discussed in Section C.4 Statement of Work. Included in the AOP will be funding levels, personnel requirements, RAWS locations and periods of operation (entered in whole months including dates of activation and deactivation), DCP Coordinator, POC's at the Forest level, major workload increases and any other pertinent impact information that changes on a yearly basis.

The AOP will be reviewed by representatives from both Agencies. Once completed, it will be signed by the BLM Director, BIFC, and the USDA Director, F&AM. By October 15 of each fiscal year, the AOP will be attached to and become part of the CA for the subject fiscal year.

F. ADMINISTRATION

All funding authority associated with this Agreement shall be transferred to BLM/BIFC under FS authorization. These funds will then be routed to the Division of Information Systems via a reimbursable 4980/4960 account. This transaction should be completed at the earliest possible date each FY to ensure overall Program continuity.

The administration and control of these funds will be under the proprietorship of the BLM's RAWS Program Manager.

G. AUTHORITY

This agreement is entered into pursuant to the authority of the:

1. Economy Act of June 30, 1932 (31 U.S.C. 1535)
2. Memorandum of Agreement between the USDI and USDA, dated Jan. 28, 1943
3. Act of Dec. 12, 1975 (16 U.S.C. 565a-1-a.3)
4. Interagency Agreement between the BLM, BIA, NPS, F&WS of the USDI and the Forest Service of the USDA, dated Oct 1, 1982.

USDA-Forest Service

/s/ George Leonard
Signature

Associate Chief
Title

February 11, 1988
Date

Bureau of Land Management

/s/ Robert Burford
Signature

Director
Title

February 3, 1988
Date

Attachment #1

Standard Format to be Used for ANNUAL OPERATING PLAN FOR FY

Part of Cooperative Agreement between BLM and USDA-FS for RAWs Maintenance and Downlinking.

	# of RAWs	AWS	Depot	Full	AFFIRMS-DOWNLINK	
MONTHS						
					Yearly #	Seasonal Total # x Months
Region 1						
Region 2						
Region 3						
Region 4						
Region 5						
Region 6						
Region 8						
Region 9						
Region 10						
NE Area S&P						
Rocky Mtn. St.						
PNW Station						
Inter. Mtn. St.						
Totals		<u>x525</u>	<u>x1800</u>		<u>x25</u>	
Funding Levels						
Funding Required						
Personnel Required (Depot , Field)					<u>people</u>	

Points of Contact Note: After FY 88, only submit changes for the coming year. If all information is the same, do not resubmit (the same information will be entered for each Region/Major Office to include "impacts" and special requirements.)

USDA-Forest Service
Director, F&AM

Bureau of Land Management
Director, BIFC

Signature

Signature

Title

Title

Date

Date