

CHAPTER 11

PRECIOUS METALS RECOVERY PROGRAM

A. GENERAL

1. The **PMRP** is a program which promotes the economic recovery of precious metals from excess and surplus precious metal-bearing materials, and also the reutilization of recovered fine precious metal for authorized internal purposes or as GFM. The program encompasses silver, gold, and the platinum family. The platinum **family** includes platinum, palladium, iridium, **rhodium, osmium**, and ruthenium.

2. Many items which have traditionally been processed through the PMRP are now governed by Federal and State environmental regulations, Proper guidance for the processing of these materials will be as stated in this chapter, or Chapter 10, Environmentally Regulated and Hazardous Property, as required by governing law,

B. RESPONSIBILITIES

1. HQ DLA

- a. Administer and monitor the PMRP
- b. Develop plans and policy guidance for administration of the overall program within DLA.
- c. Maintain liaison with DUSD (L) and other DoD components, other Government agencies and industry on policy matters pertaining to the program.
- d. Review and analyze data in evaluating program performance, **identify** and resolve deficiencies, and develop and recommend corrective action.
- e. Review and approve resources, equipment **augmentation**, and replacement requirements in support of the PMRP.
- f. Review, for compliance with policy, implementing manuals and publications prepared by DLA primary level field activities,
- g. Conduct and participate in studies, technical reviews, and surveys to ensure that current and **future** program operations are compatible **with**, and responsive to, effective and economical support requirements.

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h. Develop, in coordination with the Military Services/Defense Agencies, and **GSA**, uniform procedures to implement the policies contained here.

i. Develop, through the Logistics Data Element Standardization Office, and in coordination with the **Military Services/Defense Agencies**, and **GSA**, a system of standard codes for identifying DoD materiel that contain precious metals.

j. Provide program reports required by GSA or by DUSD (L).

k. Recommend to DUSD (L) discontinuance of the program or any part of it when determined to be no longer cost effective.

2. DoD Activities

a. Participate in the **PMRP**.

b. Maintain a focal point to coordinate on all matters pertaining to the **PMRP**. (See attachment 1 for listing of focal points.)

c. Maximize the use of fine precious metals for authorized internal use or as GFM (see DoDI 4140.41, Government-Owned Materiel Assets Utilized as Government-Furnished Material).

d. **Identify** the type, quantity, and location of the precious metal contained in the item management assigned assets and assign a Precious Metal Indicator Code (**PMIC**), to the item. **Notify** DLA in order that such items may be included in the Federal Catalog records.

e. Operate recovery equipment currently under their purview, and additional equipment, if required, when jointly agreeable and approved by DLA. Perform operating level maintenance for equipment in their possession. Advise DLA when major repairs or services are needed and skills or parts are not available at the local activity for equipment they operate. Recommend or identify to the servicing **PMRP** representative equipment and major repair parts and services required for maximizing recovery efforts.

f. Transfer precious metals-bearing material to the nearest **DRMO** or, when jointly agreeable or approved by **DRMS** and subject to receipt of fund citation from **DRMS**, ship to the collection or **recovery** activity designated by **DRMS**.

g. Assist in the identification of potential additional generating activities within DoD.

3. Participating Federal Civil Agencies. Federal civil agencies may participate in the DoD

PMRP in accordance with the **FPMR**, Subpart 101-42.3, and ISAS in effect between DLA and individual Federal civil agencies.

4. DRMS

a. Provide program guidance for administering the receipt, storage, processing, shipment, and refining of precious metal-bearing scrap and residual material generated by DoD components and participating Federal civil agencies.

b. Assist in the development of budgetary programs for management of recovery operations under the program.

c. Provide DLA implementing procedures for operation of the DoD PMRP in accordance with the policies and procedures prescribed here.

d. Ensure records of all costs allocable to the PMRP are maintained.

e. Establish standards to measure the efficiency and cost effectiveness of recovery efforts.

f. Establish procedures for acquisition and accountability of PMRP equipment, repair parts, and maintenance **services**.

g. Ensure that **DRMOs** readily accept unclassified excess and surplus precious metal-bearing materials generated by DoD components or participating Federal civil agencies.

h. Develop and implement procedures for maintaining accountability over **all** precious metal-bearing scrap and residual materials received.

i. Provide appropriate precious metals recovery equipment to generating activities when economically feasible and justifiable, and replace this equipment, as necessary.

j. In coordination with DISC, complete section D, Precious Metals Recovery Program, as part of the **PAR**, for submission to HQ DLA. Data to include precious metals recovered, issued, costs avoided and **all** PMRP expenses

k. Develop statements of work, solicit, award, and **perform** post-award **functions** for precious metals **recovery** contracts.

l. Conduct staff visits to DoD installations and participating Federal civil agencies to provide technical assistance and support.

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5. DISC

a. Function as the commodity **IMM** in the supply and DWCF management of fine metals under the **PMRP**.

b. Receive deposits of fine precious metals from DRMS recovery contractors and reimburse DRMS for incurred recovery expenses from the DISC **DWCF**.

c. Provide fine precious metals at recovery cost plus authorized surcharge (such as, administration, insurance, transportation) to authorized DoD activities and participating Federal civil agencies for internal use or use as GFM.

d. Accept fine precious metals offered by DoD components and Federal civil agencies through direct transfer of such assets if earlier certification has been **furnished** that the material offered is at least equal in purity to that identified in specifications of the applicable NSN. Where the purity is not at least equal or the determination cannot be made, DISC is authorized to instruct the offering activity to contact DRMS for disposal instructions.

e. Establish DISC DWCF issue prices for each precious metal based on PMRP recovery costs and authorized surcharges. Prices shall be fixed during the budget execution year to the maximum practicable extent.

f. Establish and maintain DWCF records of receipts, quantity on hand, location, and issues by primary or significant customers for each precious metal.

g. Report excess precious metals to GSA for transfer to the national stockpile as required in Chapter 4, Property Requiring Special Processing, paragraph B66.

h. Provide data to DRMS for completion of Section D of the PAR and necessary reports to DLA under RCS: **DLA(Q) 2067 (S)**, as follows:

(1) Fine precious metals (troy ounces) available for issue: gold, silver, and the platinum family of metals.

(2) Issues (troy ounces) of gold, silver, and the platinum family of metals.

(3) Issue price of gold, silver, and the platinum **family of metals**.

6. Defense Contract Management Command (**DCMC**)

a. Conduct preaward surveys and post award precious metal recovery contract actions, as required.

b. Administer precious metals recovery contracts in accordance with terms of the contract and applicable regulations.

c. Maintain liaison with the DLA Program Manager concerning PMRP policy matters to **inform** contractors of requirements for precious metals recovery or changes thereto.

C. TURN IN, RECEIVING, AND PROCESSING

1. General. DoD generating activities and other participating Federal civil agencies are required to turn in all excess fine precious metals and precious metal-bearing material to their servicing **DRMO**. There may be times, however, when a generating activity desires and may be authorized to ship precious metal bearing materials; such as, electrolytic flake, film ash or electronics, directly to a commercial contractor. For precious metal-bearing material that requires special handling as a part of the turn in process, see Chapter 4, Property Requiring Special Processing.

2. Generating Activities. Generating activities shall:

a. Turn in excess usable precious metal-bearing property, scrap, and waste material, in accordance with uniform turn in procedures contained in Chapter 3, Receipt, Handling and Accounting.

b. Include on the DTID or attached documentation, any available information pertaining to the precious metals content; such as, metal type, quantity, location, **PMIC**, and any known/suspected hazardous components.

c. Properly segregate precious metal-bearing scrap and waste material before turn in to the **DRMO**.

3. **DRMOs**

a. Guidance set forth in Chapter 3, Receipt, Handling and Accounting, applies generally to precious metal-bearing material, particularly as it relates to receipt and documentation of material at **DRMOs**.

b. **DRMOs** shall accept accountability for precious metal-bearing material turn ins except where acceptance is prevented by law or regulation. However, when appropriate storage or security facilities are not available, the **DRMO shall** arrange for the generating activity or the host installation to retain or accept custody of the material until such time as disposition can be accomplished.

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c. When material is received that has not been identified as precious metal-bearing material but which, on the basis of experience or visual inspection, is suspected of containing precious metals, every effort should be made to confirm the presence of precious metals. Assistance can be obtained from the Precious Metals Master File (**PMMF**) (for items identified by NSN); through actual chemical testing of the material following prescribed metals identification procedures; or recommendation to DRMS that the material be assayed.

d. Precious metal-bearing items shall be processed as follows:

(1) Screened for RTD as items.

(2) Offered for sale as items at minimum acceptable bid prices which reflect the net recovery value of precious metal content based on current market price. The net recovery value is determined by first converting the known precious metal content to troy ounces. Conversion factors in Attachment 2, this chapter, should be used for this purpose. The number of troy ounces multiplied by the current market price of the fine precious metals less the estimated cost of recovery/refining gives the net recovery value of precious metal content in an item.

(3) Sold, if high bid reduced by the estimated cost of sale meets or exceeds the established minimum acceptable bid price.

(4) Downgraded and processed for precious metals recovery, if not environmentally regulated, whenever the sale of property is determined, through use of the above computation, not to be in the best interest of the U. S. Government.

e. Precious metal-bearing scrap shall be processed as follows:

(1) For precious metals recovery when economically feasible. The scrap shall be:

(a) Accumulated, extensively sorted, and segregated by type of precious metal to enhance economic recovery.

(b) Shipped, as directed, to a collection site, or

(c) Held at the DRMO awaiting recovery contractor pick up.

(2) Low content, highly contaminated, precious metal-bearing scrap which is not conducive to economic recovery shall be offered for sale as precious metal-bearing scrap, and described as such in the sale solicitation when DRMS determines that the cost of recovery/refining would exceed the market value of precious metals to be recovered. If the scrap was turned in by a DWCF funded activity and so identified, the proceeds from sale shall be returned to the DWCF account identified on the DTID.

D. PRECIOUS METALS RECOVERY EQUIPMENT. DLA shall provided precious metals recovery equipment to generating activities when economically feasible and justifiable.

Equipment considered to be “precious metals recovery equipment” as used in this paragraph is addressed at Attachment 3 and includes electrolytic recovery units, passive silver cells (PSCs), plastic hypo collection containers, replacement parts, and vacuum sweepers. Film burners/incinerators and gram scales, which are not recovery equipment, are also included in Attachment 3,

E. TRANSPORTATION

1. General, The generating activity shall pay **PCH&T** costs incurred in the shipment or transfer of precious metal-bearing material from a generating activity to the servicing **DRMO**. Transportation costs incurred in making **DRMS** authorized shipments of precious metal-bearing material from generating activity direct to a designated collection site or **DRMO** shall be accomplished using the **fund** citation obtained from **DRMS**.

2. Billing Procedures. DoD components and participating Federal civil agencies which use **DRMS** approved **PMRP** transportation **fund** citations for moving precious metal-bearing material shall forward all shipping documents with the Government Bill of Lading (**GBL**) to the Transportation Division, DFAS, Indianapolis Center, Indianapolis, IN 46249-3001. The **GBL** will cite the **fund** citation along with the following document number “**SO(Y)JHH2582.0 1 MS**” where (Y) equals the last digit of the fiscal year,

3. Preparation for Shipment to a **Recovery** Contractor

a. Documentation for shipments, **DD** Form 1348-1A, of precious metal-bearing material shall be prepared in accordance with Chapter 3, Attachment 1, and any special provisions provided by **DRMS**.

(1) Documentation shall show, as the document quantity, the net avoirdupois weight (in pounds and decimals of a pound) of material shipped.

(2) Shipping documents shall cite this paragraph as authority for shipment and **identify**, as **fully** as possible, the contents of each container.

(3) Two advance copies of each shipping document shall be forwarded to the designated collection site or **DRMO**.

b. Care shall be exercised to use secure, nonporous containers (glass not acceptable) when shipping precious metal-bearing material. Paper or wooden containers must not normally be used to ship material that maybe susceptible to loss through particle adhesion.

c. All reasonable care shall be taken in the packaging of material for shipment to minimize the possibility of **theft** or loss through leakage or container damage,

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d. Unless specific shipping instructions apply, shipments shall be made by the most economical means available that is consistent with safe transit and **delivery**. Parcel post shipments shall be registered.

F. SECURITY

1. General. Whenever a DRMO accepts accountability for precious metal-bearing material but the generating activity retains custody of the material, the generating activity continues to be responsible for the care and safekeeping of material until it is placed in the physical possession of the **DRMO**, or released to a commercial contractor.

2. Precious metal-bearing material in the custody of a generating activity is subject to respective Military Service/Defense Agency security requirements. However, for the material which is in the custody of DRMOs, the following minimum requirements for secured storage and handling apply:

a. High purity material shall be stored in a safe or locked cabinet within a locked room. More bulky precious metal-bearing material shall be stored in a locked room when practicable. Where the volume of this material is so large as to make inside storage impracticable, it may be stored outside within a chain link fence enclosure.

b. Weighing of precious metal-bearing material receipts and shipments shall be accomplished by a designated weigher in the presence of a disinterested person (the same disinterested individual must not be allowed to sign for more than 2 consecutive days in 1 week), and the names of both persons must appear on the weigh bill or other processing document.

c. Entry to those areas where high purity precious metals are stored shall be by access list only.

(1) This list should be kept current, limited to employees with a need to enter, and posted inside the entrance.

(2) Visitors shall be required to sign the visitor register and be accompanied by an individual on the access list. The visitor must have a need to enter, and **further** identification may be requested.

(3) Access list personnel do not require security clearance,

G. REUTILIZATION OF FINE PRECIOUS METALS

1. General

a. DoD components and participating Federal civil agencies shall requisition PMRP metals for approved contracts.

b. PMRP metals are priced at the cost of recovery plus an authorized administrative surcharge.

c. It is DLA policy not to procure precious metals from the commercial market if the PMRP does not provide sufficient quantities to the DLA Distribution System to **satisfy** customer demand. Therefore, requiring activities are encouraged to call **DISC-YAA/GA** (DSN 442-2734; Commercial (21 5) 697-2734) for asset availability before requisitioning any quantity of precious metal. DISC shall **reserve** requested quantities of precious metals for 120 days.

2. DISC currently manages nine precious metals NSNS, each having a unit of issue of troy ounce:

<u>Nomenclature</u>	<u>NSN</u>
Gold	9660-00-042-7733
Silver	9660-00-106-9432
Platinum Granules	9660-00-042-7768
Platinum Sponge	9660-00-151-4050
Palladium Granules	9960-00-042-7765
Palladium Sponge	9660-01-039-0320
Rhodium	9660-01-010-2625
Iridium	9660-00-011-1937
Ruthenium	9660-01-039-0313

3. The above NSNS are stored at two locations: **Engelhard Industries, Iselin, NJ**; **Handy and Harman, Fairfield, NJ**. These commercial firms are under contract with DISC to provide no-cost storage of precious metals. Due to the large volume of business compounding silver alloys that these companies do for various U.S. Government customers, it has proven cost-effective to maintain silver stocks at each facility to enable transfer of PMRP silver to given contracts without the program incurring the expense of repeated small shipments of silver to these companies.

4. The following specific procedures shall be used to requisition fine precious metals from DISC:

a. A **MILSTRIP** requisition shall be submitted citing one of the above NSNS. The requisition must cite **full** troy ounces, not partial quantities. (Quantities cited in partial ounces such as **700.2** shall be rounded off.)

b. Exception data shall be cited in the “REMARKS” section of the requisition. These data include:

(1) An unclassified “ship to” address **specifying** exact location (building, office, and individual) and applicable zip code. The DoDAAC is not always sufficient for delivery.

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(2) The number of the contractor work order on which the precious metal is to be used, for control and audit purposes.

(3) The end item application, the NSN, part number, or any other data that identifies the item or component in which the precious metal shall be used, as well as the quantity of precious metal which shall be used for each item or component, if known.

(4) Name and telephone number of a contact point at the requisitioning activity, to resolve any problem, as required.

c. The requisition may be submitted by message or letter, however, electrical transmission is preferred. To avoid being **mis-routed**, messages shall be addressed to **DISC-YAB/GD**. Delivery normally shall be accomplished within 2 to 3 weeks **after** receipt of the requisition.

5. Transportation charges are included in the unit price. Transportation is usually by premium mode (armored van). Therefore, requisitions to the same destination should be consolidated whenever possible.

6. Questions concerning the above procedures or availability of assets should be directed to the DISC focal point (see Attachment 4, this chapter).

PRECIOUS METALS RECOVERY PROGRAM FOCAL POINTS

Reference: Chapter 11, Paragraph B2b

The DoD program for the recovery and use of precious metals from excess and surplus end items, scrap, hypo solutions, and other precious metal-bearing materials provides for the establishment of focal points at DoD component levels to coordinate on all matters pertaining to the **PMRP**.

- | | |
|---|--|
| (1) Headquarters DLA | DLA/MMLC (Program Manager)
8725 John J. Kingman Road, STE 4133
Fort Belvoir , VA 22060-6221 |
| (2) Defense Reutilization and Marketing Service (DRMS) | DRMS (DRMS-S)
74 N. Washington Avenue
Battle Creek, MI 49017-3092 |
| (3) Defense Industrial Supply Center | DISC-OIBA/YC (DISC)
700 Robbins Avenue
Philadelphia, PA 19111-5096 |
| (4) Army | HQ DA (DALO SMP)
5006 Army Pentagon
Washington, DC 20301-0500 |
| (5) Army Alternate | HQ AMC (AMC LG MS)
5001 Eisenhower Avenue
Alexandria, VA 22333-0001 |
| (6) Navy | Naval Supply Systems Command
5450 Carlisle Pike
P.O. BOX 2050
Mechanicsburg , PA 17055-0791 |
| (7) Air Force | HQ AFMC/LGID-2
4375 Chidlaw Road, STE 6
Wright-Patterson AFB , OH 45433-5006 |
| (8) Marine Corps | HQ US Marine Corps (CODE LPP-2)
2 Navy Annex
Washington, DC 20380-1775 |

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(9) U.S. Coast Guard

U S Coast Guard **(G-CFM-3)**
2100 Second Street, SW.
Washington, DC 20593-0001

CONVERSION FACTORS USED IN THE PMRP

Reference: Chapter 11, Paragraph C3d(2)

Multiply	by	to obtain
Gallon (US)	3.78543	Liters
Gallon (US)	0.82367	Imperial gallon
Gallon (Imperial)	4.546	Liters
Gallon (Imperial)	1,201	US gallon
Grains (troy)	0.06480	Grams
Grains (troy)	0.0020834	Troy ounces
Grams	0.03215	Troy ounces
Grams	0.03527	Avoir ounces
Grams	15.43	Grains
Kilograms	2.205	Avoir pounds
Kilograms	0.0011023	Short tons
Liter	0.219973	Imperial gallon
Liter	0.2642	US gallon
Ounces (avoir)	0.9115	Troy ounces
Ounces (troy)	0,06857	Avoir pounds
Ounces (troy)	1.09714	Avoir ounces
Ounces (troy)	31.103481	Grams
Ounces (avoir)	28.349527	Grams
Pounds (avoir)	453.592	Grams
Pounds (avoir)	0.45351	Kilograms
Pounds (avoir)	14.5833	Troy ounces
Ton (short)	2000	Pounds
Ton (short)	907.18486	Kilograms

PMRP EQUIPMENT

Reference: Chapter 11, Paragraph D

1. Incinerators/Furnaces. Procurement or replacement of Military Service and other DoD component-owned and operated incinerators or **furnaces**, which are used for the **DEMIL** or declassification of classified film or other classified materials, is the responsibility of the Military Semites or owning DoD components. Likewise, the **DEMIL** or destruction of classified film or other classified materials is a **Military Service/Defense Agency** responsibility. This responsibility is exercised at the option of the Military Service/Defense Agency either by incineration or other means at the Military **Service/Defense Agency** facilities or through transfer through the Intelligence Community Network for incineration or destruction at the centralized Intelligence Community Destruction Facility at Fort Meade, Maryland. In either event, resulting precious metal-bearing ash or residues are required to be turned into **DRMOs** or released, as directed by **DRMS**, to a commercial contractor for precious metal recovery. Special care shall be exercised to ensure that incinerators are effectively used, operated, and maintained in order to maximize silver recovery while conforming to local air pollution standards.

2. Electrolytic **Recovery** Units/Passive Silver Cells

a. General, In photographic and X-ray processing, significant amounts of high purity silver are generated in fixing baths as a result of chemical action, Recovery of silver from the spent fixing solution (hype) can be accomplished by chemical precipitation, metal displacement, or electrolytic methods. Potential generators of spent hypo are hospitals, dispensaries, dental clinics, photographic laboratories, printing plants, microfilm and microfiche producing facilities, and hobby craft shops,

b. Acquisition of Silver Recovery Supplies/Equipment.

(1) **PMRP** generators shall submit requests for **PMRP** supplies; such as, silver test paper, **PSCs**, fittings, control valves, replacement parts which are peculiar to recovery equipment, to the appropriate **PMRP** representative who shall arrange for shipment from stock or forward request to **DRMS** for initiation of a purchasing action.

(2) Electrolytic recovery equipment shall be acquired and installed as follows:

(a) Generating activities shall apprise **DRMS** (see Attachment 4, this chapter) of the need for **PMRP** assistance or recovery equipment to startup silver recovery operations or to enhance the effectiveness of ongoing silver recovery operations to ensure maximum recovery.

(b) The **PMRP** representative shall make arrangements to have the hypo-generating work site surveyed as the basis for determining specific onsite equipment needs.

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(c) DRMS shall procure and **furnish** without cost to authorized PMRP participants electrolytic recovery units, **PSCs**, chemical tanks, and supporting parts and equipment used to recover silver from silver-bearing film processing solutions.

(d) Generating activities are responsible for installing silver recovery equipment.
1 DRMS shall provide installation and operating instructions with the equipment.

2 When special or unusual circumstances arise, generators shall request assistance from the PMRP representative (preferably in conjunction with actions outlined in subparagraphs b(2)(a) or (b)).

(3) Maintenance of Silver Recovery Equipment

(a) Generating activities are responsible for performing operating level preventive maintenance on recovery equipment in their possession. Preventive maintenance includes day-to-day adjustments, cleaning, replacement of **fuses** and gaskets, and any like action which can be performed periodically with a minimum of effort as a safeguard against excessive equipment downtime.

(b) The servicing representative shall be contacted immediately in the event of equipment malfunctions that **defy** “troubleshooting” efforts of the generating activity. Representatives shall respond promptly to such notices and make all arrangements necessary to repair or replace equipment in a timely manner.

(c) During any period when silver **recovery** equipment is deadlined, generating activities shall ensure that no spent hypo solution is discarded. Spent hypo solution shall either be collected and turned into the servicing DRMO along with a generator **fund** cite for ultimate disposal, taken to another nearby recovery facility, or collected and retained until deadlined **recovery** equipment is again operating. Spent hypo solution shall be handled in accordance with all Federal, state, and **local** environmental and transportation regulations.

3. Vacuum Sweepers

a. DRMS shall procure and provide, without cost to authorized users, vacuum sweepers and collection bags, used primarily in dental facilities to collect precious metals bearing dust or sweeps.

b Generators shall turn-in precious metals dust collected through use of the vacuum sweepers.

4. Gram Scales

a. Gram scales are not construed to be “precious metals recovery oriented” and are

authorized to be purchased for use by DRMOS and other DRMS facilities to ascertain precise weights of scrap material, as needed, for the purpose of inventory and accountability y.

b. DLA will not procure gram scales for use by generating activities turning in scrap for precious metals recovery.

5. Special Supporting Equipment for Precious Metals Processing and Preparing. Special precious metals processing equipment required by DRMOS for the processing or preparation of precious metal-bearing property may be purchased as needed to support approved precious metals processing. Such equipment would include special power tools, cutters, saws to facilitate the sorting, segregation, or upgrading of precious metal-bearing scrap.

6. Accountability for Precious Metals **Recovery** Equipment

a. When precious metals recovery equipment is needed, it shall be issued from stock or purchased (with PMRP funds) and shipped to the generating activity concerned, The Accountable Property **Officer** or equivalent shall hand-receipt equipment to a responsible individual at the generating activity upon delivery of equipment or, as in the case of equipment already in DoD component custody, as soon as possible **after** such equipment is transferred to **DRMS**.

b. Precious metals recovery equipment in the possession of **DoD** components and participating Federal civil agencies shall be carried on the property account of DRMS.

c. DRMS shall maintain a current record of all precious metals recovery equipment in the custody of serviced generating activities.

d. Generating activities shall contact the PMRP representative for turn in of precious metals recovery equipment. DRMS shall provide instructions to include a document number for turning in the equipment.

PMRP REPRESENTATIVES LOCATIONS AND AREAS COVERED

Reference: Chapter 11, Attachment 3, Paragraph 2b(2)(a)

Address and Telephone

Areas Covered

OPERATIONS EAST AREA

DRMS Eastern Region
ATTN: **DRMS-DEO**
926 Taylor Station Road
Blacklick, OH 43004-9615

United States -- east of the Mississippi River plus
Missouri, and Puerto Rico and Panama

DSN 850-21 14/4195
COM (614) 692-21 14/4195

OPERATIONS WEST AREA

DRMS Western Region
ATTN: **DRMS-DWO**
500 West 12th Street
Bldg 2A-1
Ogden, UT 84407-5001

United States -- west of the Mississippi River, including
Guam, less Missouri

DSN 3 52-7033/704 1
COM (801) 399-7033/7041

EUROPE and ASIA

DRMS International
ATTN: **DRMSI-O**
Unit 29263 Box 2000
APO AE 09096