

## **INTRODUCTION**

The NASA Property Disposal Management System (NPDMS) *Data Dictionary AIM-NPDMS-DD-04.5* will be issued with applicable deliverable documents (i.e., *NPDMS Requirement Specification AIM-NPDMS-RS-04* Document). The Data Dictionary is in five sections as follows:

1. The body of the Data Dictionary is sorted alphabetically by screen name as it appears on a screen. For example, the screen name CC (Condition Code) appears on several NPDMS screens, look-up CC and double check for more than one definition. Two definitions are given for CC. The first gives a detailed definition of condition codes and its possible values, while the second definition explains the use of CC at the component system level.
2. Appendix A provides the data base fields in alphabetically sorted order by Access Name and provides a cross-reference to the screen name.
3. Appendix B lists the data base fields alphabetically that do not appear on screens.
4. Appendix C provides the Entity Definitions in alphabetically sorted order by Entity Name.
5. Appendix D provides the data base fields in alphabetically sorted order by Descriptive Names and provides a cross-reference to the Access Name.
6. Appendix E provides the NPDMS Standard Words list. This listing contains the Prime, Modifier, and Class word and their abbreviations that make up NPDMS Access Names. The abbreviations for these words were developed using the National Institute for Standards and Technology (NIST) guidelines adopted by the NASA Automated Information Management (AIM) Program Office.

The following terms and definitions are provided as reference for this Data Dictionary:

**ENTITY** - An Entity is a person, place, thing, organization, concept or event about which an organization is interested in storing information (Attributes) on to accomplish the business mission. Example:

- REQUESTOR: An individual or agency who initiates a request to acquire Idle NASA Personal Property.

**ATTRIBUTE** - An attribute is a property or characteristic of an entity. For example, the entity REQUESTER has specific attributes (or data elements) that further describe it (including name, telephone, address, city, state, etc.). An attribute consists of the following:

- Descriptive Name
- Access Name
- Data Element Definition
- Format
- Length
- Edit Criteria
- Screen Name

**ACCESS NAME** - The Access Name is an abbreviated form of the Descriptive Name. It is the standard technical or system name formed by applying data processing syntactical and lexical rules. Using the descriptive name above, the Access Name would be:

- RQSTR-PHN-NMBR

**DESCRIPTIVE NAME** - An unabbreviated English-like phrase describing the data element. The Descriptive Name may be viewed as the standard user name. Example:

- REQUESTOR PHONE NUMBER

**DATA ELEMENT DEFINITION** - Identifies the essential qualities or meaning of the data element by providing a simple, precise narrative that presents only one acceptable interpretation of the element. Example:

- Data Element = REQUESTOR PHONE NUMBER
- Definition = The telephone number, including area code, of the person or contact requesting Idle NASA Personal Property.

**FORMAT** - A data element attribute that characterizes the type of data to be stored in the NPDMS Database.

- Alphanumeric
- Numeric

**LENGTH** - A data element attribute that indicates the maximum number of characters (length) to be stored in the NPDMS database.

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**EDIT CRITERIA** - The processing rules that are applied against a data element to ensure erroneous data is not stored in the system.

- Free form. If entered, must include area code.

**SCREEN NAME** - The Screen Name is a label corresponding to a particular non-data or data element.

- Case No = PROP-CASE-NMBR