

Profile for Imagery Access Product Support Extension - Version D

The data found in the Product Support Extension addresses information regarding the products derived from source imagery. While there is product-related data in the NSIF main header and SDEs, many fields contained in the standard profile for imagery access (SPIA) are absent. This extension aligns the SPIA and NSIF for product information, and adds descriptive detail associated with products. This extension shall be present no more than once for each product. When present, this extension shall be contained within the extended header data field of the NSIF file header or within an overflow DES if there is insufficient room to place the entire extension within the file's extended header data field.

TABLE 1 PROFILE FOR IMAGERY ACCESS PRODUCT (PIAPRD)

FIELD	NAME	SIZE	VALUE RANGE	TYPE
CETAG	Unique Extension Type ID	6	PIAPRD	R
CEL	Length Of PIAPRD Extension	5	00201 to 63759	R
CEDATA	User-Defined Data	201 to 63759	table 6-5	R

TABLE 2 PIAPRD DATA AND RANGE

FIELD	NAME	SIZE	FMT	VALUE RANGE	TYPE
ACCESSID	Access ID	64	A/N	alphanumeric	O
FMCONTROL	FM Control Number	32	A/N	alphanumeric	O
SUBDET	Subjective Detail	1	A/N	P- Poor, F - Fair, G - Good, E - Excellent	O
PRODCODE	Product Code	2	A/N	EARS 1.1 Appendix 6	O
PRODUCERSE	Producer Supplement	6	A/N	alphanumeric	O
PRODIDNO	Product ID Number	20	A/N	alphanumeric	O
PRODSNME	Product Short Name	10	A/N	alphanumeric	R
PRODUCERCD	Producer Code	2	A/N	alphanumeric	O
PRODCRTIME	Product Create Time	14	A/N	CCYYMMDDHHMMSS (ZULU)	O
MAPID	Map ID	40	A/N	alphanumeric	O
SECTITLEREP	SECTITLE Repetitions	2	N	00 to 99	R
SECTITLE1	Section Title	40	A/N	alphanumeric	C
PPNUM1	Page/Part Number	5	A/N	alphanumeric	C
TPP1	Total Pages/Parts	3	N	001 to 999	C
.....					
SECTITLEnn	Section Title	40	A/N	alphanumeric	C
PPNUMnn	Page/Part Number	5	A/N	alphanumeric	C
TPPnn	Total Pages/Parts	3	N	001 to 999	C

FIELD	NAME	SIZE	FMT	VALUE RANGE	TYPE
REQORGREP	REQORG Repetitions	2	N	00 to 99	R
REQORG1	Requesting Organization	64	A/N	alphanumeric	C
.....					
REQORGnn	Requesting Organization	64	A/N	alphanumeric	C
KEYWORDREP	KEYWORD Repetitions	2	N	00 to 99	R
KEYWORD1	Keyword String 1	255	A/N	alphanumeric	C
.....					
KEYWORDnn	Keyword String nn	255	A/N	alphanumeric	C
ASSRPTREP	ASSRPT Repetitions	2	N	00 to 99	R
ASSRPT1	Associated Report 1	20	A/N	alphanumeric	C
.....					
ASSRPTnn	Associated Report nn	20	A/N	alphanumeric	C
ATEXTREP	ATEXT Repetitions	2	N	00 to 99	R
ATEXT1	Associated Text 1	255	A/N	alphanumeric	C
.....					
ATEXTnn	Associated Text nn	255	A/N	alphanumeric	C

TABLE 3 DESCRIPTION OF PIAPRD DATA FIELDS

FIELD	VALUE DEFINITIONS AND CONSTRAINTS
ACCESSID	Contains an archive unique identifier. This could be the product filename, a record identifier, a reference number, the product id, or any other means to access the product from the archive.
FM CONTROL	Identifies foreign material associated with the product.
SUBDET	Indicates a subjective rating of useful detail available in the product.
PRODCODE	Identifies the category of product data stored in the archive.
PRODUCERSE	Identifies the element within the producing organization that created the product.
PRODIDNO	Identifies a product stored in the archive with a producer assigned number.
PRODSNME	Identifies the abbreviated name of a product stored in the archive.
PRODUCERCD	Identifies the organization responsible for creating or modifying the product.
PRODCRTIME	Identifies the date or the date and time that the product was created or last modified, expressed in ZULU time
MAPID	Identifies a map associated with the product.
SECTITLEREP	Identifies the number of times the SECTITLE, PPNUM, and TPP fields repeat per extension instance.
SECTITLE1	Identifies the first user defined title of a section of a multi-section product.
PPNUM1	Identifies the first page/part number of the section identified in SECTITLE1.
TPP1	Identifies the total number of pages or parts associated with SECTITLE1 and PPNUM1.
SECTITLEnn	Identifies the nnth user defined title of a section of a multi-section product.
PPNUMnn	Identifies the nnth page/part number of the section identified in SECTITLEnn.
TPPnn	Identifies the nnth number of pages or parts associated with SECTITLEnn and PPNUMnn.
REQORGREP	Identifies the number of times the REQORG field repeats per extension instance.
REQORG1	Identifies the first organization requesting that an image be placed in an archive. This is the first field represented based on the value of REQORGREP.

FIELD	VALUE DEFINITIONS AND CONSTRAINTS
REQORGnn	Identifies the nnth organization requesting that an image be placed in an archive. The number of REQORGs between the previous field and this is represented in the REQORGREP field.
KEYWORDREP	Identifies the number of times the KEYWORD field repeats per extension instance
KEYWORD1	Provides the first block of a freeform text description of the product.
KEYWORDnn	Provides the nnth block of a freeform text description of the product. The number of KEYWORDSs between the previous field and this is represented in the KEYWORDREP field.
ASSRPTREP	Identifies the number of times the ASSRPTREP field repeats per extension instance.
ASSRPT1	First field for the entry of another known report associated with the product.
ASSRPTnn	Provides the nnth field of other known reports associated with the product. The number of ASSRPTs between the previous field and this is represented in the ASSRPTREP field.
ATEXTREP	Identifies the number of times the ATEXTREP field repeats per extension instance
ATEXT1	Provides the first text block further describing the imagery product.
ATEXTnn	Provides the nnth text block further describing the imagery product. The number of ATEXTs between the previous field and this is represented in the ATEXTREP field.