NITFS
Compliance Registration

Product: Geospatial Information Processing Center (GIPC) Baseline 5.16.1 for the production of Controlled Image Base (CIB)
Sponsor: Harris Corporation

Developer: Harris Corporation

Date: 10 June 2009
Expiration: 09 June 2011
Registration #: 362

☐ Initial Registration
☑ Supplemental/Update # 354
☐ Derived from Reg. #_____

Complexity Level

NITF 2.1 CLEVEL						
		3		5	6	7
Interpret						
Generate						

NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

☐ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☑ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

Configurations Tested:

- Sun Solaris 9 (SPARC)

NITFS Features Implemented:

Format
NITF
○○ v2.1
○● v2.0
○ v1.1
NSIF
○○ v1.0

Pixel Value Types
○○ Boolean
○● Integer
○○ Signed Integer *
○○ IEEE Real *
○○ IEEE Complex *

Annotation Segment Types
○○ Bit Mapped **
○○ CGM, 2301
○○ CGM, 2301A
○○ Labels **

Text Segments
○○ STA
○○ UT1
○○ U8S
○○ MTF

Image Segment Types
○● MONO
○○ RGB
○○ RGB/LUT
○○ YCbCr
○○ MULTI
○○ NODISPLY
○○ POLAR

Image Compression
○○ Not Compressed
○○ JPEG Lossy, 8-bit
○○ JPEG Lossy, 12-bit
○○ JPEG Downsample
○○ JPEG Lossless
○○ JPEG 2000
○○ Bi-Level
○● Vector Quantization
○○ Multispectral JPEG, Individual Band

Data Extension Segments
○○ TRE_OVERFLOW
○○ STREAMING_FILE_HEADER
○○ Controlled Extensions **
○● Registered Extensions **

Tagged Record Extensions
○● Registered TRE
RPFHDR
RPFIMG
RPFDES

Legend
Interpret Generate
●● Fully implemented
◉◉ Partially implemented
○○ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

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Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program