NITFS
Compliance Registration

Product: Geospatial Information Processing Center (GIPC)
Version 5.16.10 for the production of
Digital Point Positioning Data Base (DPPDB)

Date: 10 June 2009
Expiration: 09 June 2011
Registration #: 361

Sponsor/Developer: Harris Corporation

☐ Initial Registration
☐ Supplemental/Update #_____
☑ Derived from Reg. #__353__

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
○ ● MDSIRA
○ ● PRADAA
○ ● PRADRA
○ ● RGRDRA
○ ● SISDDA
○ ● SEGSPA
○ ● SSDPDA
○ ● PTPRAA
○ ● PPRSDA
○ ● PSUPDA

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.

CURTIS L. GREEN, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program