NITFS
Compliance Registration

Product: DPPDB Production System Version 5.0

Sponsor: GeoEye

Developer: GeoEye

Date: 17 June 2010
Expiration: 16 June 2011
Registration #: 367

☐ **System** N-0105, §4.1.1 ☐ **Product** N-0105, §4.1.2 ☒ **Component** N-0105, §4.1.3

☐ Initial Registration
☐ Supplemental/Update #_____
☒ Derived from Reg. # 356

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							

Configurations Tested:

-SUSE LINUX 64 Enterprise Server (SLES Version 9)

Legend
** NITF 2.0 only feature
* NITF 2.1 only feature
Interpret Generate
● ● Fully implemented
◉ ◉ Partially implemented
○ ○ Not implemented

NITFS Features Implemented:

Format

NITF
○ ○ 2.1
○ ● 2.0
○ ○ 1.1

NSIF
○ ○ 1.0

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
○ ○ No Mask
○ ○ Mask

Image Compression
○ ○ No compression
○ ● JPEG Lossy, 8-bit
○ ○ JPEG Lossy, 12-bit
○ ○ JPEG Downsample
○ ○ JPEG Lossless
○ ○ JPEG 2000
○ ○ Code Stream w/o JP2
○ ○ Code Stream w/JP2
○ ○ 1 Band
○ ○ 3 Band RGB
○ ○ 1 Band RGB/LUT
○ ○ Multiband
○ ○ Bi-Level
○ ○ Vector Quantization

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

Controlled Tagged Record Extensions
○ ● IMASDA
○ ● IMCBDA
○ ● IMRFCA
○ ● MSDIRA
○ ● PPRSDA
○ ● PRADAA
○ ● PRADRA
○ ● PSUPDA
○ ● PTPRAA
○ ● RGRDRA
○ ● SEGSPA
○ ● SISDDA
○ ● SSDPDA

Bit-Per-Pixel
○ ○ 1
○ ● 8
○ ○ 9-16
○ ○ 16
○ ○ 17-32
○ ○ 32
○ ○ 33-64
○ ○ 64

BRENT L. SNYDER, Lt Col, USAF, JTF Portfolio Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

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.