NITFS
Compliance Registration

Product: Controlled Image Base (CIB) Production System Version 5.0

Sponsor: GeoEye

Developer: GeoEye

Date: 18 Jun 2008
Expiration: 17 Jun 2010
Registration #: 355

☐ Initial Registration
☒ Supplemental/Update # 342
☐ 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:

-Hybrid SFU

-SUSE LINUX 64 Enterprise Server (SLES Version 9)

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

Image Compression
○ ○ 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 TREs
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.

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