NITFS
Compliance Registration

Product: GeoWorx 10.0.2 CIB Production

Sponsor: General Dynamics Advanced Information Systems

Developer: General Dynamics Advanced Information Systems

Date: 14 October 2008
Expiration: 13 October 2010
Registration #: 358

☐ Initial Registration
☒ Supplemental/Update #348
☐ 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:

-Solaris 10

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 **

Registered Extensions
- ○ ● 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