



NITFS

Compliance Registration



Product: GV 3.0 Build 960.24332

Date: 6 May 2011

Sponsor: US National Geospatial-Intelligence Agency

Expiration: 5 May 2013

Registration #: 3020

Developer: PAR Government Systems Corporation

System Product Component
 N-0105, §4.1.1 N-0105, §4.1.2 N-0105, §4.1.3

- Initial Registration
 Supplemental/Update # _____
 Derived from Reg. # 2068

Complexity Level

NITF 2.1 CLEVEL						
Interpret	3	5	6	7		
Generate						
NITF 2.0 CLEVEL						
Interpret	1	2	3	4	5	6 Oth
Generate						

Configurations Tested:

- Sun x4600 w/(Linux RHEL 5.2)
- Windows XP, Professional, SP 3
- Windows Vista Business, SP 1
- Windows 7, Professional

Legend

- ** NITF 2.0 only feature
 * NITF 2.1 only feature
 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.

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
 CSATTA
 CSSHPA

Tagged Record Extensions

- ACFT PIATGA
 AIMID PIATGB
 GEOLO RPCOO
 HISTO RSMAP
 ICHIP RSMDC
 IOMAPA RSMGG
 PIAEQA RSMGI
 PIAIMB RSMID
 PIAIMC RSMPC
 PIAPEA USEOO
 PIAPEB REGPTB

Bit-Per-Pixel

- 1
 8
 9-16
 16
 17-32
 32
 33-64
 64

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FOR 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