

STDI-0002, VERSION 1.0, 25 AUGUST 1998  
**SYNTHETIC APERTURE RADAR SUPPORT DATA EXTENSIONS**  
**FOR THE NATIONAL IMAGERY TRANSMISSION FORMAT, 20 MAY 1996**

**8.3.3 BLOCKA - IMAGE BLOCK INFORMATION.**

The format for the user-defined fields of the BLOCKA extension is detailed in table 8-8, and the descriptions of these fields is detailed in table 8-9. BLOCKA is placed in the image subheader. Where several image subheaders relate to a single scene BLOCKA is placed in the first image subheader.

**TABLE 8-8. BLOCKA – IMAGE BLOCK INFORMATION EXTENSION FORMAT**

FIELD	NAME	SIZE	VALUE RANGE	UNITS	TYP E
CETAG	Unique Extension Identifier	6	BLOCKA	N/A	R
CEL	Length of Entire Tagged Record	5	00123	bytes	R
<i>The following fields define BLOCKA</i>					
BLOCK_INSTANCE	Block number	2	01 to 99		R
N_GRAY	Number of gray fill samples	5	00000 to 99999		R
L_LINES	Line Count	5	00001 to 99999		R
LAYOVER_ANGLE	Radar Layover Angle	3	000 to 359	degrees	O
SHADOW_ANGLE	Radar Shadow Angle	3	000 to 359	degrees	O
	reserved	16	spaces		O
FRLC_LOC	First Row Last Column Location	21	Xddmmss.ssYddmmss.ss		R
LRLC_LOC	Last Row Last Column Location	21	Xddmmss.ssYddmmss.ss		R
LRFC_LOC	Last Row First Column Location	21	Xddmmss.ssYddmmss.ss		R
FRFC_LOC	First Row First Column Location	21	Xddmmss.ssYddmmss.ss		R
	reserved	5	010.0		R

**TABLE 8-9. BLOCKA – IMAGE BLOCK INFORMATION FIELD DESCRIPTIONS**

FIELD	VALUE DEFINITIONS AND CONSTRAINTS
BLOCK_INSTANCE	Block number of this image block,
N_GRAY	Number of gray Fill samples
L_LINES	Line Count
LAYOVER_ANGLE	The angle between the first row of pixels and the layover direction in the image; positive values indicate a clockwise direction.
SHADOW_ANGLE	The angle between the first row of pixels and the radar shadow in the image; positive values indicate a clockwise direction.
FRLC_LOC LRLC_LOC LRFC_LOC FRFC_LOC	Latitude and longitude at the first row last column of the image block. Latitude and longitude at the last row last column of the image block. Latitude and longitude at the last row, first column of the image blocks. Latitude and longitude at the first row, first column of the image blocks.  The format Xddmmss.ss represents degrees (00 to 89), minutes (00 to 59), seconds (00 to 59), and hundredths of seconds (00 to 99) of latitude, with X = N for north or S for south, and Yddmmss.ss represents degrees (000 to 179), minutes (00 to 59), seconds (00 to 59), and hundredths of seconds (00 to 99) of longitude, with Y = E for east or W for west. These locations, at lower precision, are also contained in IGEOLO of the image subheader.