

METRIC**MIL-PRF-89041****AMENDMENT 1****31 July 1995**

Note: The document identifier and heading has been changed on this page to reflect that this is a performance specification. There are no other changes to this document. The document identifier on subsequent pages has not been changed, but will be changed the next time this document is revised.

PERFORMANCE SPECIFICATION
Controlled Image Base

This amendment forms part of MIL-PRF-89041, dated 15 May 1995, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 7

* Change text of paragraph 3.4.5.e from "One or more[overview images]" to read "(Optional): [overview images]".

PAGE 53

* Change Table 7 to reflect new value for the "Subframes in Zone (Rows) Latitudinal" for Zone 4 from 348 to 354. Also change "Frame Rows in Zone Latitudinal" Zone 4 from 58 to 59.

The attached insertable replacement pages listed below are replacements for stipulated pages. When the new pages have been entered in the document, insert the amendment as the cover sheet to the specification.

NEW PAGE	DATE	SUPERSEDE PAGE	DATE
55	31 July 95	55	15 May 1995
56	15 May 95	56	REPRINTED WITHOUT CHANGE

Custodians:

DMA - MP
 Air Force - 09
 Army -
 Navy - NO

Preparing activity:

DMA - MP
 Agent: AFMC

(Project MCGT-0173)

Review activity:

Marine Corps - MC

AMSC N/A

1 of 3

AREA MCGT

DISTRIBUTION STATEMENT A. Approved for public release;
distribution unlimited.

MIL-C-89041

APPENDIX

TABLE 9. Frame/Subframe Sizes for Source Image GSD of 1 Meter.

N-S Pixel Constant
10,009,600

Zone Number	Subframes in Zone (Rows) Latitudinal	Frame Rows in Zone Latitudinal	Equatorward Zone Extent with Overlap	Poleward Zone Extent with Overlap
1, A	13908	2318	0°	32.0132992
2, B	6954	1159	31.9994885	48.0061381
3, C	3480	580	47.9923274	56.0025575
4, D	3486	581	55.9887468	64.0127877
5, E	1740	290	63.998977	68.0040921
6, F	1746	291	67.9902813	72.0092072
7, G	1740	290	71.9953964	76.0005115
8, H	1746	291	75.9867008	80.0056266
9, J	—	—	79.9918159	90°
Zone Number	Subframes (Columns) Longitudinal	Frames (Columns) Longitudinal	E-W Pixel Constant	
1, A	144400	24067	36966400	
2, B	118200	19700	30259200	
3, C	96000	16000	24576000	
4, D	77800	12967	19916800	
5, E	63800	10634	16332800	
6, F	53600	8934	13721600	
7, G	43000	7167	11008000	
8, H	32200	5367	8243200	

Zone Number	Polar (X - Y) Subframes	Polar (X - Y) Frames	POL Pixel Constant
9, J	8692	1449	10008576

MIL-C-89041

INDEX

<u>SUBJECT</u>	<u>SECTION</u>	<u>PAGE</u>
Accuracy		
Horizontal	3.2.1	4
Horizontal	40.1	48
Vertical	3.2.2	4
ARC projection system	30.1	36
Acronyms	6.4	34
Attribute Section	3.12.7	17
Attributes		
Date		
Currency	40.1	48
Production	40.1	48
Significant	40.1	48
Horizontal Absolute Accuracy	40.1	48
Horizontal Relative Accuracy	40.1	48
Image Source	40.1	48
Color/Grayscale Section	3.12.5	16
Compression Section	3.12.4	15
Coordinate Reference Systems	3.6	11
Coordinate Transformations	30	36
Coverage Section	3.12.3	15
Datum		
Horizontal	3.3.1	4
Vertical	3.3.2	4
Decompression	3.13	18
Distortion	3.7	12
Frame and Subframe Structure		
Polar region	3.5.5	10
Tiling	3.5.2	8
Frame Files	3.4.4	5
Frame Naming Convention	30.6	46
Frame Numbering Convention	3.5.3	8
Frame Overlap		
Nonpolar	3.5.4	9
Polar	3.5.6	11
Header Section	3.12.1	14
Image Section	3.12.6	17
location section	3.12.2	15
Media	3.4.1	5
National Imagery Transmission Format	6.1	33
Naming Convention	30.6	46
Numbering Convention	3.5.3	8
Overview Image	3.11.2	14
	3.4.5	6
Pixel Constant	50.1.1	49
Polar Pixel Constant	50.2.1	51
Pixel Spacing	3.5.1	7
Projection	3.4.3	5