

SAMPLE_DATA

·HRIT_DATA

HRIT Full Earth's Disk Image(IR1) Segment 1 to 10(File Name:=IMG_DK01IR1_200412100401_001 to 010)

·LRIT_DATA

LRIT Full Earth's Disk Image(IR1) Segment 1 to 10(File Name:=IMG_DK01IR1_199812240330_001 to 010)

LRIT Polar-stereographic Image 1(VIS)(File Name:=IMG_PS01VIS_200412100401)

LRIT Polar-stereographic Image 2(VIS)(File Name:=IMG_PS02VIS_200412100401)

LRIT Polar-stereographic Image 3(VIS)(File Name:=IMG_PS03VIS_200412100401)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Primary Header	Header Type	0	Fixed Value, Set to 0
	Header Record Length	16	Fixed Value, Set to 16
	File Type Code	0 - Image Data File	0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	1336 bytes	variable (specifies total size of all header record)
	Data Field Length	3049288 bits	variable (specifies total size of the HRIT file data)
Image Structure	Header Type	1	Fixed Value, Set to 1
	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	16	16: for image data (HRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2750	HRIT 2750: Full and half Earth's disk image data (IR) 11000: Full and half Earth's disk image data (VIS) Variable: Small frame scan image data 2752: Overlay data for IR Earth's disk image data
	Number of Lines	275	HRIT 275: Full and Half Earth's disk image data due to the image segmentation (IR) 1100: Full and Half Earth's disk image data due to the image segmentation (VIS) Variable: Small frame scan image data
Compression Flag	1 - Lossless Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression	
Image Navigation	Header Type	2	Fixed Value, Set to 2
	Header Record Length	51	Fixed Value, Set to 51
	Projection Name	GOES (140.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	10233128	
	Line Scaling Factor (LFAC)	10233128	
	Column Offset (COFF)	1375	
	Line Offset (LOFF)	1375	

Note: Yellow cells are invalid value .This is simulated data.

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Data Function	Header Type	Fixed Value, Set to 3
	Header Record Length	variable value
	Data Definition Block	IMAGE Data: The relation between count and physical value is defined The image data physical value corresponding to minimum count (0), maximum count (65535), and designated count (1023) are defined in principle OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
		\$HALFTONE:=16 _NAME:=INFRARED _UNIT:=KELVIN 0:=352.79 357:=317.43 602:=286.53 765:=259.43 870:=235.58 936:=214.25 975:=195.57 998:=178.47 1010:=164.09 1016:=152.45 1019:=143.25 1021:=133.29 1022:=124.62 1023:=49.00 65535:=49.00
Annotation	Header Type	Fixed Value, Set to 4
	Header Record Length	variable value, max 67
	Annotation Text	IMG_DK01IR1_200412100401 used as file name
Time Stamp	Header Type	Fixed Value, Set to 5
	Header Record Length	Fixed Value, Set to 10
	Time Stamp	09/12/2004 19:07:18.288
Image Segment Identificat	Header Type	Fixed Value, Set to 128
	Header Record Length	Fixed Value, Set to 7
	Image Segment Sequence Number	Image segment is applied to the following data: Full Earth's disk image (1 to 10) Half Earth's disk image (1 to 5) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	total number of image segment Full Disk = 10 Half Disk = 5 No segmentation is applied = 1
	Line Number of Image Segment	The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Compensation Inform	Header Type	Fixed Value, Set to 130
	Header Record Length	variable value, max 65532
	Image Compensation Informatio LINE:=1 COFF:=1375.0 LOFF:=1375.0 LINE:=21 COFF:=1375.0 LOFF:=1375.0 LINE:=41 COFF:=1375.0 LOFF:=1375.0 LINE:=61 COFF:=1375.0 LOFF:=1375.0 LINE:=81 COFF:=1375.0 LOFF:=1375.0 LINE:=101 COFF:=1375.0 LOFF:=1375.0 LINE:=121 COFF:=1375.0 LOFF:=1375.0 LINE:=141 COFF:=1375.0 LOFF:=1375.0 LINE:=161 COFF:=1375.0 LOFF:=1375.0 LINE:=181 COFF:=1375.0 LINE:=201 COFF:=1375.0 LOFF:=1375.0 LINE:=221 COFF:=1375.0 LOFF:=1375.0 LINE:=241 COFF:=1375.0 LOFF:=1375.0 LINE:=261 COFF:=1375.0 LOFF:=1375.0 LINE:=275 COFF:=1375.0 LOFF:=1375.0	text

HRIT(IMG_DK01IR1_200412100401_001)Header Information

(4/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Image Observation Time	Header Type	131	Fixed Value, Set to 131
	Header Record Length	432	variable value, max 65532
	Image Observation Time	LINE:=1 TIME:=53349.167367 LINE:=21 TIME:=53349.167501 LINE:=41 TIME:=53349.167635 LINE:=61 TIME:=53349.167769 LINE:=81 TIME:=53349.167904 LINE:=101 TIME:=53349.168038 LINE:=121 TIME:=53349.168172 LINE:=141 TIME:=53349.168306 LINE:=161 TIME:=53349.168441 LINE:=181 TIME:=53349.168575 LINE:=201 TIME:=53349.168709 LINE:=221 TIME:=53349.168844 LINE:=241 TIME:=53349.168978 LINE:=261 TIME:=53349.169112 LINE:=275	text
Image Quality Information	Header Type	132	Fixed Value, Set to 132
	Header Record Length	12	variable value, max 65532
	Image Quality Information	NO_ERROR	text

HRIT(IMG_DK01IR1_200412100401_002)Header Information

(1/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Primary Header	Header Type	0	Fixed Value, Set to 0
	Header Record Length	16	Fixed Value, Set to 16
	File Type Code	0 - Image Data File	0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	1348 bytes	variable (specifies total size of all header record)
	Data Field Length	3609632 bits	variable (specifies total size of the HRIT file data)
Image Structure	Header Type	1	Fixed Value, Set to 1
	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	16	16: for image data (HRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2750	HRIT 2750: Full and half Earth's disk image data (IR) 11000: Full and half Earth's disk image data (VIS) Variable: Small frame scan image data 2752: Overlay data for IR Earth's disk image data
	Number of Lines	275	HRIT 275: Full and Half Earth's disk image data due to the image segmentation (IR) 1100: Full and Half Earth's disk image data due to the image segmentation (VIS) Variable: Small frame scan image data
Compression Flag	1 - Lossless Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression	
Image Navigation	Header Type	2	Fixed Value, Set to 2
	Header Record Length	51	Fixed Value, Set to 51
	Projection Name	GEOS (140.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	10233128	
	Line Scaling Factor (LFAC)	10233128	
	Column Offset (COFF)	1375	
	Line Offset (LOFF)	1375	

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Data Function	Header Type	3
	Header Record Length	231
	Data Definition Block	\$HALFTONE:=16 _NAME:=INFRARED _UNIT:=KELVIN 0:=352.79 357:=317.43 602:=286.53 765:=259.43 870:=235.58 936:=214.25 975:=195.57 998:=178.47 1010:=164.09 1016:=152.45 1019:=143.25 1021:=133.29 1022:=124.62 1023:=49.00 65535:=49.00
		Fixed Value, Set to 3 variable value IMAGE Data: The relation between count and physical value is defined The image data physical value corresponding to minimum count (0), maximum count (65535), and designated count (1023) are defined in principle OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4
	Header Record Length	31
	Annotation Text	IMG_DK01IR1_200412100401
Time Stamp	Header Type	5
	Header Record Length	10
	Time Stamp	09/12/2004 19:29:46.887
Image Segment Identificat	Header Type	128
	Header Record Length	7
	Image Segment Sequence Number	2
	Total Number of Image Segment	10
	Line Number of Image Segment	276
		Fixed Value, Set to 128 Fixed Value, Set to 7 Image segment is applied to the following data: Full Earth's disk image (1 to 10) Half Earth's disk image (1 to 5) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0 total number of image segment Full Disk = 10 Half Disk = 5 No segmentation is applied = 1 The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Compensation Inform	Header Type	Fixed Value, Set to 130
	Header Record Length	variable value, max 65532
	Image Compensation Informatio LINE:=276 COFF:=1375.0 LOFF:=1375.0 LINE:=296 COFF:=1375.0 LOFF:=1375.0 LINE:=316 COFF:=1375.0 LOFF:=1375.0 LINE:=336 COFF:=1375.0 LOFF:=1375.0 LINE:=356 COFF:=1375.0 LOFF:=1375.0 LINE:=376 COFF:=1375.0 LOFF:=1375.0 LINE:=396 COFF:=1375.0 LOFF:=1375.0 LINE:=416 COFF:=1375.0 LOFF:=1375.0 LINE:=436 COFF:=1375.0 LOFF:=1375.0 LINE:=456 COFF:=1375.0 LINE:=476 COFF:=1375.0 LOFF:=1375.0 LINE:=496 COFF:=1375.0 LOFF:=1375.0 LINE:=516 COFF:=1375.0 LOFF:=1375.0 LINE:=536 COFF:=1375.0 LOFF:=1375.0 LINE:=550 COFF:=1375.0 LOFF:=1375.0	text

HRIT(IMG_DK01IR1_200412100401_002)Header Information

(4/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Image Observation Time	Header Type	131	Fixed Value, Set to 131
	Header Record Length	432	variable value, max 65532
	Image Observation Time	LINE:=276 TIME:=53349.169206 LINE:=296 TIME:=53349.169340 LINE:=316 TIME:=53349.169475 LINE:=336 TIME:=53349.169609 LINE:=356 TIME:=53349.169743 LINE:=376 TIME:=53349.169877 LINE:=396 TIME:=53349.170012 LINE:=416 TIME:=53349.170146 LINE:=436 TIME:=53349.170280 LINE:=456 TIME:=53349.170414 LINE:=476 TIME:=53349.170549 LINE:=496 TIME:=53349.170683 LINE:=516 TIME:=53349.170817 LINE:=536 TIME:=53349.170951 LINE:=550	text
Image Quality Information	Header Type	132	Fixed Value, Set to 132
	Header Record Length	12	variable value, max 65532
	Image Quality Information	NO_ERROR	text

HRIT(IMG_DK01IR1_200412100401_003)Header Information

(1/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Primary Header	Header Type	0	Fixed Value, Set to 0
	Header Record Length	16	Fixed Value, Set to 16
	File Type Code	0 - Image Data File	0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	1348 bytes	variable (specifies total size of all header record)
	Data Field Length	3737744 bits	variable (specifies total size of the HRIT file data)
Image Structure	Header Type	1	Fixed Value, Set to 1
	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	16	16: for image data (HRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2750	HRIT 2750: Full and half Earth's disk image data (IR) 11000: Full and half Earth's disk image data (VIS) Variable: Small frame scan image data 2752: Overlay data for IR Earth's disk image data
	Number of Lines	275	HRIT 275: Full and Half Earth's disk image data due to the image segmentation (IR) 1100: Full and Half Earth's disk image data due to the image segmentation (VIS) Variable: Small frame scan image data
Compression Flag	1 - Lossless Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression	
Image Navigation	Header Type	2	Fixed Value, Set to 2
	Header Record Length	51	Fixed Value, Set to 51
	Projection Name	GEOS (140.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	10233128	
	Line Scaling Factor (LFAC)	10233128	
	Column Offset (COFF)	1375	
	Line Offset (LOFF)	1375	

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Data Function	Header Type	3
	Header Record Length	231
	Data Definition Block	\$HALFTONE=:16 _NAME:=INFRARED _UNIT:=KELVIN 0:=352.79 357:=317.43 602:=286.53 765:=259.43 870:=235.58 936:=214.25 975:=195.57 998:=178.47 1010:=164.09 1016:=152.45 1019:=143.25 1021:=133.29 1022:=124.62 1023:=49.00 65535:=49.00
		Fixed Value, Set to 3 variable value IMAGE Data: The relation between count and physical value is defined The image data physical value corresponding to minimum count (0), maximum count (65535), and designated count (1023) are defined in principle OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4
	Header Record Length	31
	Annotation Text	IMG_DK01IR1_200412100401
Time Stamp	Header Type	5
	Header Record Length	10
	Time Stamp	09/12/2004 19:30:01.429
Image Segment Identificat	Header Type	128
	Header Record Length	7
	Image Segment Sequence Number	3
	Total Number of Image Segment	10
	Line Number of Image Segment	551
		Fixed Value, Set to 128 Fixed Value, Set to 7 Image segment is applied to the following data: Full Earth's disk image (1 to 10) Half Earth's disk image (1 to 5) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0 total number of image segment Full Disk = 10 Half Disk = 5 No segmentation is applied = 1 The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Compensation Inform	Header Type	Fixed Value, Set to 130
	Header Record Length	variable value, max 65532
	Image Compensation Informatio LINE:=551 COFF:=1375.0 LOFF:=1375.0 LINE:=571 COFF:=1375.0 LOFF:=1375.0 LINE:=591 COFF:=1375.0 LOFF:=1375.0 LINE:=611 COFF:=1375.0 LOFF:=1375.0 LINE:=631 COFF:=1375.0 LOFF:=1375.0 LINE:=651 COFF:=1375.0 LOFF:=1375.0 LINE:=671 COFF:=1375.0 LOFF:=1375.0 LINE:=691 COFF:=1375.0 LOFF:=1375.0 LINE:=711 COFF:=1375.0 LOFF:=1375.0 LINE:=731 COFF:=1375.0 LINE:=751 COFF:=1375.0 LOFF:=1375.0 LINE:=771 COFF:=1375.0 LOFF:=1375.0 LINE:=791 COFF:=1375.0 LOFF:=1375.0 LINE:=811 COFF:=1375.0 LOFF:=1375.0 LINE:=825 COFF:=1375.0 LOFF:=1375.0	text

HRIT(IMG_DK01IR1_200412100401_003)Header Information

(4/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Image Observation Time	Header Type	131	Fixed Value, Set to 131
	Header Record Length	438	variable value, max 65532
	Image Observation Time	LINE:=551 TIME:=53349.171059 LINE:=571 TIME:=53349.171193 LINE:=591 TIME:=53349.171327 LINE:=611 TIME:=53349.171462 LINE:=631 TIME:=53349.171596 LINE:=651 TIME:=53349.171730 LINE:=671 TIME:=53349.171864 LINE:=691 TIME:=53349.171999 LINE:=711 TIME:=53349.172133 LINE:=731 TIME:=53349.172267 LINE:=751 TIME:=53349.172401 LINE:=771 TIME:=53349.172536 LINE:=791 TIME:=53349.172670 LINE:=811 TIME:=53349.172804 LINE:=825	text
Image Quality Information	Header Type	132	Fixed Value, Set to 132
	Header Record Length	12	variable value, max 65532
	Image Quality Information	NO_ERROR	text

HRIT(IMG_DK01IR1_200412100401_004)Header Information

(1/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Primary Header	Header Type	0	Fixed Value, Set to 0
	Header Record Length	16	Fixed Value, Set to 16
	File Type Code	0 - Image Data File	0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	1360 bytes	variable (specifies total size of all header record)
	Data Field Length	3790520 bits	variable (specifies total size of the HRIT file data)
Image Structure	Header Type	1	Fixed Value, Set to 1
	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	16	16: for image data (HRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2750	HRIT 2750: Full and half Earth's disk image data (IR) 11000: Full and half Earth's disk image data (VIS) Variable: Small frame scan image data 2752: Overlay data for IR Earth's disk image data
	Number of Lines	275	HRIT 275: Full and Half Earth's disk image data due to the image segmentation (IR) 1100: Full and Half Earth's disk image data due to the image segmentation (VIS) Variable: Small frame scan image data
Compression Flag	1 - Lossless Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression	
Image Navigation	Header Type	2	Fixed Value, Set to 2
	Header Record Length	51	Fixed Value, Set to 51
	Projection Name	GEOS (140.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	10233128	
	Line Scaling Factor (LFAC)	10233128	
	Column Offset (COFF)	1375	
	Line Offset (LOFF)	1375	

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Data Function	Header Type	3
	Header Record Length	231
	Data Definition Block	\$HALFTONE:=16 _NAME:=INFRARED _UNIT:=KELVIN 0:=352.79 357:=317.43 602:=286.53 765:=259.43 870:=235.58 936:=214.25 975:=195.57 998:=178.47 1010:=164.09 1016:=152.45 1019:=143.25 1021:=133.29 1022:=124.62 1023:=49.00 65535:=49.00
		Fixed Value, Set to 3 variable value IMAGE Data: The relation between count and physical value is defined The image data physical value corresponding to minimum count (0), maximum count (65535), and designated count (1023) are defined in principle OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4
	Header Record Length	31
	Annotation Text	IMG_DK01IR1_200412100401
Time Stamp	Header Type	5
	Header Record Length	10
	Time Stamp	09/12/2004 19:30:19.360
Image Segment Identificat	Header Type	128
	Header Record Length	7
	Image Segment Sequence Number	4
	Total Number of Image Segment	10
	Line Number of Image Segment	826
		Fixed Value, Set to 128 Fixed Value, Set to 7 Image segment is applied to the following data: Full Earth's disk image (1 to 10) Half Earth's disk image (1 to 5) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0 total number of image segment Full Disk = 10 Half Disk = 5 No segmentation is applied = 1 The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Compensation Inform	Header Type	Fixed Value, Set to 130
	Header Record Length	variable value, max 65532
	Image Compensation Informatio LINE:=826 COFF:=1375.0 LOFF:=1375.0 LINE:=846 COFF:=1375.0 LOFF:=1375.0 LINE:=866 COFF:=1375.0 LOFF:=1375.0 LINE:=886 COFF:=1375.0 LOFF:=1375.0 LINE:=906 COFF:=1375.0 LOFF:=1375.0 LINE:=926 COFF:=1375.0 LOFF:=1375.0 LINE:=946 COFF:=1375.0 LOFF:=1375.0 LINE:=966 COFF:=1375.0 LOFF:=1375.0 LINE:=986 COFF:=1375.0 LOFF:=1375.0 LINE:=1006 COFF:=1375.0 LINE:=1026 COFF:=1375.0 LOFF:=1375.0 LINE:=1046 COFF:=1375.0 LOFF:=1375.0 LINE:=1066 COFF:=1375.0 LOFF:=1375.0 LINE:=1086 COFF:=1375.0 LOFF:=1375.0 LINE:=1100 COFF:=1375.0 LOFF:=1375.0	text

HRIT(IMG_DK01IR1_200412100401_004)Header Information

(4/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation	
Image Observation Time	Header Type	131	Fixed Value, Set to 131	
	Header Record Length	444	variable value, max 65532	
	Image Observation Time	LINE:=826 TIME:=53349.172898 LINE:=846 TIME:=53349.173032 LINE:=866 TIME:=53349.173167 LINE:=886 TIME:=53349.173301 LINE:=906 TIME:=53349.173435 LINE:=926 TIME:=53349.173569 LINE:=946 TIME:=53349.173704 LINE:=966 TIME:=53349.173838 LINE:=986 TIME:=53349.173972 LINE:=1006 TIME:=53349.174106 LINE:=1026 TIME:=53349.174241 LINE:=1046 TIME:=53349.174375 LINE:=1066 TIME:=53349.174509 LINE:=1086 TIME:=53349.174643 LINE:=1100	text	
	Image Quality Information	Header Type	132	Fixed Value, Set to 132
		Header Record Length	12	variable value, max 65532
		Image Quality Information	NO_ERROR	text

HRIT(IMG_DK01IR1_200412100401_005)Header Information

(1/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Primary Header	Header Type	0	Fixed Value, Set to 0
	Header Record Length	16	Fixed Value, Set to 16
	File Type Code	0 - Image Data File	0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	1378 bytes	variable (specifies total size of all header record)
	Data Field Length	4025472 bits	variable (specifies total size of the HRIT file data)
Image Structure	Header Type	1	Fixed Value, Set to 1
	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	16	16: for image data (HRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2750	HRIT 2750: Full and half Earth's disk image data (IR) 11000: Full and half Earth's disk image data (VIS) Variable: Small frame scan image data 2752: Overlay data for IR Earth's disk image data
	Number of Lines	275	HRIT 275: Full and Half Earth's disk image data due to the image segmentation (IR) 1100: Full and Half Earth's disk image data due to the image segmentation (VIS) Variable: Small frame scan image data
	Compression Flag	1 - Lossless Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression
Image Navigation	Header Type	2	Fixed Value, Set to 2
	Header Record Length	51	Fixed Value, Set to 51
	Projection Name	GEOS (140.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	10233128	
	Line Scaling Factor (LFAC)	10233128	
	Column Offset (COFF)	1375	
	Line Offset (LOFF)	1375	

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Data Function	Header Type	3
	Header Record Length	231
	Data Definition Block	\$HALFTONE=:16 _NAME:=INFRARED _UNIT:=KELVIN 0:=352.79 357:=317.43 602:=286.53 765:=259.43 870:=235.58 936:=214.25 975:=195.57 998:=178.47 1010:=164.09 1016:=152.45 1019:=143.25 1021:=133.29 1022:=124.62 1023:=49.00 65535:=49.00
		Fixed Value, Set to 3 variable value IMAGE Data: The relation between count and physical value is defined The image data physical value corresponding to minimum count (0), maximum count (65535), and designated count (1023) are defined in principle OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4
	Header Record Length	31
	Annotation Text	IMG_DK01IR1_200412100401
Time Stamp	Header Type	5
	Header Record Length	10
	Time Stamp	09/12/2004 19:30:38.495
Image Segment Identificat	Header Type	128
	Header Record Length	7
	Image Segment Sequence Number	5
	Total Number of Image Segment	10
	Line Number of Image Segment	1101
		Fixed Value, Set to 128 Fixed Value, Set to 7 Image segment is applied to the following data: Full Earth's disk image (1 to 10) Half Earth's disk image (1 to 5) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0 total number of image segment Full Disk = 10 Half Disk = 5 No segmentation is applied = 1 The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Compensation Inform	Header Type	Fixed Value, Set to 130
	Header Record Length	variable value, max 65532
	Image Compensation Informatio LINE:=1101 COFF:=1375.0 LOFF:=1375.0 LINE:=1121 COFF:=1375.0 LOFF:=1375.0 LINE:=1141 COFF:=1375.0 LOFF:=1375.0 LINE:=1161 COFF:=1375.0 LOFF:=1375.0 LINE:=1181 COFF:=1375.0 LOFF:=1375.0 LINE:=1201 COFF:=1375.0 LOFF:=1375.0 LINE:=1221 COFF:=1375.0 LOFF:=1375.0 LINE:=1241 COFF:=1375.0 LOFF:=1375.0 LINE:=1261 COFF:=1375.0 LOFF:=1375.0 LINE:=1281 COFF:=1375.0 LINE:=1301 COFF:=1375.0 LOFF:=1375.0 LINE:=1321 COFF:=1375.0 LOFF:=1375.0 LINE:=1341 COFF:=1375.0 LOFF:=1375.0 LINE:=1361 COFF:=1375.0 LOFF:=1375.0 LINE:=1375 COFF:=1375.0 LOFF:=1375.0	text

Definition of Header Types		Value	HRIT Mission Specific Implementation
Image Observation Time	Header Type	131	Fixed Value, Set to 131
	Header Record Length	453	variable value, max 65532
	Image Observation Time	LINE:=1101 TIME:=53349.174751 LINE:=1121 TIME:=53349.174885 LINE:=1141 TIME:=53349.175019 LINE:=1161 TIME:=53349.175154 LINE:=1181 TIME:=53349.175288 LINE:=1201 TIME:=53349.175422 LINE:=1221 TIME:=53349.175556 LINE:=1241 TIME:=53349.175691 LINE:=1261 TIME:=53349.175825 LINE:=1281 TIME:=53349.175959 LINE:=1301 TIME:=53349.176093 LINE:=1321 TIME:=53349.176228 LINE:=1341 TIME:=53349.176362 LINE:=1261 TIME:=53349.176496 LINE:=1375	text
Image Quality Information	Header Type	132	Fixed Value, Set to 132
	Header Record Length	12	variable value, max 65532
	Image Quality Information	NO_ERROR	text

HRIT(IMG_DK01IR1_200412100401_006)Header Information

(1/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Primary Header	Header Type	0	Fixed Value, Set to 0
	Header Record Length	16	Fixed Value, Set to 16
	File Type Code	0 - Image Data File	0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	1378 bytes	variable (specifies total size of all header record)
	Data Field Length	4152920 bits	variable (specifies total size of the HRIT file data)
Image Structure	Header Type	1	Fixed Value, Set to 1
	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	16	16: for image data (HRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2750	HRIT 2750: Full and half Earth's disk image data (IR) 11000: Full and half Earth's disk image data (VIS) Variable: Small frame scan image data 2752: Overlay data for IR Earth's disk image data
	Number of Lines	275	HRIT 275: Full and Half Earth's disk image data due to the image segmentation (IR) 1100: Full and Half Earth's disk image data due to the image segmentation (VIS) Variable: Small frame scan image data
Compression Flag	1 - Lossless Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression	
Image Navigation	Header Type	2	Fixed Value, Set to 2
	Header Record Length	51	Fixed Value, Set to 51
	Projection Name	GEOS (140.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	10233128	
	Line Scaling Factor (LFAC)	10233128	
	Column Offset (COFF)	1375	
Line Offset (LOFF)	1375		

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Data Function	Header Type	3
	Header Record Length	231
	Data Definition Block	\$HALFTONE:=16 _NAME:=INFRARED _UNIT:=KELVIN 0:=352.79 357:=317.43 602:=286.53 765:=259.43 870:=235.58 936:=214.25 975:=195.57 998:=178.47 1010:=164.09 1016:=152.45 1019:=143.25 1021:=133.29 1022:=124.62 1023:=49.00 65535:=49.00
		Fixed Value, Set to 3 variable value IMAGE Data: The relation between count and physical value is defined The image data physical value corresponding to minimum count (0), maximum count (65535), and designated count (1023) are defined in principle OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4
	Header Record Length	31
	Annotation Text	IMG_DK01IR1_200412100401
Time Stamp	Header Type	5
	Header Record Length	10
	Time Stamp	09/12/2004 19:30:59.191
Image Segment Identificat	Header Type	128
	Header Record Length	7
	Image Segment Sequence Number	6
	Total Number of Image Segment	10
	Line Number of Image Segment	1376
		Fixed Value, Set to 128 Fixed Value, Set to 7 Image segment is applied to the following data: Full Earth's disk image (1 to 10) Half Earth's disk image (1 to 5) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0 total number of image segment Full Disk = 10 Half Disk = 5 No segmentation is applied = 1 The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Compensation Inform	Header Type	Fixed Value, Set to 130
	Header Record Length	variable value, max 65532
	Image Compensation Informatio LINE:=1376 COFF:=1375.0 LOFF:=1375.0 LINE:=1396 COFF:=1375.0 LOFF:=1375.0 LINE:=1416 COFF:=1375.0 LOFF:=1375.0 LINE:=1436 COFF:=1375.0 LOFF:=1375.0 LINE:=1456 COFF:=1375.0 LOFF:=1375.0 LINE:=1476 COFF:=1375.0 LOFF:=1375.0 LINE:=1496 COFF:=1375.0 LOFF:=1375.0 LINE:=1516 COFF:=1375.0 LOFF:=1375.0 LINE:=1536 COFF:=1375.0 LOFF:=1375.0 LINE:=1556 COFF:=1375.0 LINE:=1576 COFF:=1375.0 LOFF:=1375.0 LINE:=1596 COFF:=1375.0 LOFF:=1375.0 LINE:=1616 COFF:=1375.0 LOFF:=1375.0 LINE:=1636 COFF:=1375.0 LOFF:=1375.0 LINE:=1650 COFF:=1375.0 LOFF:=1375.0	text

Definition of Header Types		Value	HRIT Mission Specific Implementation
Image Observation Time	Header Type	131	Fixed Value, Set to 131
	Header Record Length	453	variable value, max 65532
	Image Observation Time	LINE:=1376 TIME:=53349.176590 LINE:=1396 TIME:=53349.176724 LINE:=1416 TIME:=53349.176859 LINE:=1436 TIME:=53349.176993 LINE:=1456 TIME:=53349.177127 LINE:=1476 TIME:=53349.177261 LINE:=1496 TIME:=53349.177396 LINE:=1516 TIME:=53349.177530 LINE:=1536 TIME:=53349.177664 LINE:=1556 TIME:=53349.177799 LINE:=1576 TIME:=53349.177933 LINE:=1596 TIME:=53349.178067 LINE:=1616 TIME:=53349.178201 LINE:=1636 TIME:=53349.178336 LINE:=1650	text
	Image Quality Information	Header Type	132
	Header Record Length	12	variable value, max 65532
	Image Quality Information	NO_ERROR	text

Definition of Header Types		Value	HRIT Mission Specific Implementation
Primary Header	Header Type	0	Fixed Value, Set to 0
	Header Record Length	16	Fixed Value, Set to 16
	File Type Code	0 - Image Data File	0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	1378 bytes	variable (specifies total size of all header record)
	Data Field Length	3482160 bits	variable (specifies total size of the HRIT file data)
Image Structure	Header Type	1	Fixed Value, Set to 1
	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	16	16: for image data (HRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2750	HRIT 2750: Full and half Earth's disk image data (IR) 11000: Full and half Earth's disk image data (VIS) Variable: Small frame scan image data 2752: Overlay data for IR Earth's disk image data
	Number of Lines	275	HRIT 275: Full and Half Earth's disk image data due to the image segmentation (IR) 1100: Full and Half Earth's disk image data due to the image segmentation (VIS) Variable: Small frame scan image data
Compression Flag	1 - Lossless Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression	
Image Navigation	Header Type	2	Fixed Value, Set to 2
	Header Record Length	51	Fixed Value, Set to 51
	Projection Name	GEOS (140.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	10233128	
	Line Scaling Factor (LFAC)	10233128	
	Column Offset (COFF)	1375	
	Line Offset (LOFF)	1375	

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Data Function	Header Type	3
	Header Record Length	231
	Data Definition Block	\$HALFTONE:=16 _NAME:=INFRARED _UNIT:=KELVIN 0:=352.79 357:=317.43 602:=286.53 765:=259.43 870:=235.58 936:=214.25 975:=195.57 998:=178.47 1010:=164.09 1016:=152.45 1019:=143.25 1021:=133.29 1022:=124.62 1023:=49.00 65535:=49.00
		Fixed Value, Set to 3 variable value IMAGE Data: The relation between count and physical value is defined The image data physical value corresponding to minimum count (0), maximum count (65535), and designated count (1023) are defined in principle OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4
	Header Record Length	31
	Annotation Text	IMG_DK01IR1_200412100401
Time Stamp	Header Type	5
	Header Record Length	10
	Time Stamp	09/12/2004 19:31:36.350
Image Segment Identificat	Header Type	128
	Header Record Length	7
	Image Segment Sequence Number	7
	Total Number of Image Segment	10
	Line Number of Image Segment	1651
		Fixed Value, Set to 128 Fixed Value, Set to 7 Image segment is applied to the following data: Full Earth's disk image (1 to 10) Half Earth's disk image (1 to 5) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0 total number of image segment Full Disk = 10 Half Disk = 5 No segmentation is applied = 1 The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Compensation Inform	Header Type	Fixed Value, Set to 130
	Header Record Length	variable value, max 65532
	Image Compensation Informatio LINE:=1651 COFF:=1375.0 LOFF:=1375.0 LINE:=1671 COFF:=1375.0 LOFF:=1375.0 LINE:=1691 COFF:=1375.0 LOFF:=1375.0 LINE:=1711 COFF:=1375.0 LOFF:=1375.0 LINE:=1731 COFF:=1375.0 LOFF:=1375.0 LINE:=1751 COFF:=1375.0 LOFF:=1375.0 LINE:=1771 COFF:=1375.0 LOFF:=1375.0 LINE:=1791 COFF:=1375.0 LOFF:=1375.0 LINE:=1811 COFF:=1375.0 LOFF:=1375.0 LINE:=1831 COFF:=1375.0 LINE:=1851 COFF:=1375.0 LOFF:=1375.0 LINE:=1871 COFF:=1375.0 LOFF:=1375.0 LINE:=1891 COFF:=1375.0 LOFF:=1375.0 LINE:=1911 COFF:=1375.0 LOFF:=1375.0 LINE:=1925 COFF:=1375.0 LOFF:=1375.0	text

HRIT(IMG_DK01IR1_200412100401_007)Header Information

(4/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Image Observation Time	Header Type	131	Fixed Value, Set to 131
	Header Record Length	453	variable value, max 65532
	Image Observation Time	LINE:=1651 TIME:=53349.178443 LINE:=1671 TIME:=53349.178577 LINE:=1691 TIME:=53349.178711 LINE:=1711 TIME:=53349.178846 LINE:=1731 TIME:=53349.178980 LINE:=1751 TIME:=53349.179114 LINE:=1771 TIME:=53349.179249 LINE:=1791 TIME:=53349.179383 LINE:=1811 TIME:=53349.179517 LINE:=1831 TIME:=53349.179651 LINE:=1851 TIME:=53349.179786 LINE:=1871 TIME:=53349.179920 LINE:=1891 TIME:=53349.180054 LINE:=1911 TIME:=53349.180188 LINE:=1925	text
Image Quality Information	Header Type	132	Fixed Value, Set to 132
	Header Record Length	12	variable value, max 65532
	Image Quality Information	NO_ERROR	text

HRIT(IMG_DK01IR1_200412100401_008)Header Information

(1/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Primary Header	Header Type	0	Fixed Value, Set to 0
	Header Record Length	16	Fixed Value, Set to 16
	File Type Code	0 - Image Data File	0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	1378 bytes	variable (specifies total size of all header record)
	Data Field Length	3349616 bits	variable (specifies total size of the HRIT file data)
Image Structure	Header Type	1	Fixed Value, Set to 1
	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	16	16: for image data (HRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2750	HRIT 2750: Full and half Earth's disk image data (IR) 11000: Full and half Earth's disk image data (VIS) Variable: Small frame scan image data 2752: Overlay data for IR Earth's disk image data
	Number of Lines	275	HRIT 275: Full and Half Earth's disk image data due to the image segmentation (IR) 1100: Full and Half Earth's disk image data due to the image segmentation (VIS) Variable: Small frame scan image data
Compression Flag	1 - Lossless Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression	
Image Navigation	Header Type	2	Fixed Value, Set to 2
	Header Record Length	51	Fixed Value, Set to 51
	Projection Name	GEOS (140.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	10233128	
	Line Scaling Factor (LFAC)	10233128	
	Column Offset (COFF)	1375	
	Line Offset (LOFF)	1375	

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Data Function	Header Type	3
	Header Record Length	231
	Data Definition Block	\$HALFTONE:=16 _NAME:=INFRARED _UNIT:=KELVIN 0:=352.79 357:=317.43 602:=286.53 765:=259.43 870:=235.58 936:=214.25 975:=195.57 998:=178.47 1010:=164.09 1016:=152.45 1019:=143.25 1021:=133.29 1022:=124.62 1023:=49.00 65535:=49.00
		Fixed Value, Set to 3 variable value IMAGE Data: The relation between count and physical value is defined The image data physical value corresponding to minimum count (0), maximum count (65535), and designated count (1023) are defined in principle OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4
	Header Record Length	31
	Annotation Text	IMG_DK01IR1_200412100401
Time Stamp	Header Type	5
	Header Record Length	10
	Time Stamp	09/12/2004 19:31:54.407
Image Segment Identificat	Header Type	128
	Header Record Length	7
	Image Segment Sequence Number	8
	Total Number of Image Segment	10
	Line Number of Image Segment	1926
		Fixed Value, Set to 128 Fixed Value, Set to 7 Image segment is applied to the following data: Full Earth's disk image (1 to 10) Half Earth's disk image (1 to 5) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0 total number of image segment Full Disk = 10 Half Disk = 5 No segmentation is applied = 1 The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Compensation Inform	Header Type	Fixed Value, Set to 130
	Header Record Length	variable value, max 65532
	Image Compensation Informatio LINE:=1926 COFF:=1375.0 LOFF:=1375.0 LINE:=1946 COFF:=1375.0 LOFF:=1375.0 LINE:=1966 COFF:=1375.0 LOFF:=1375.0 LINE:=1986 COFF:=1375.0 LOFF:=1375.0 LINE:=2006 COFF:=1375.0 LOFF:=1375.0 LINE:=2026 COFF:=1375.0 LOFF:=1375.0 LINE:=2046 COFF:=1375.0 LOFF:=1375.0 LINE:=2066 COFF:=1375.0 LOFF:=1375.0 LINE:=2086 COFF:=1375.0 LOFF:=1375.0 LINE:=2106 COFF:=1375.0 LINE:=2126 COFF:=1375.0 LOFF:=1375.0 LINE:=2146 COFF:=1375.0 LOFF:=1375.0 LINE:=2166 COFF:=1375.0 LOFF:=1375.0 LINE:=2186 COFF:=1375.0 LOFF:=1375.0 LINE:=2200 COFF:=1375.0 LOFF:=1375.0	text

HRIT(IMG_DK01IR1_200412100401_008)Header Information

(4/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Image Observation Time	Header Type	131	Fixed Value, Set to 131
	Header Record Length	453	variable value, max 65532
	Image Observation Time	LINE:=1926 TIME:=53349.180282 LINE:=1946 TIME:=53349.180417 LINE:=1966 TIME:=53349.180551 LINE:=1986 TIME:=53349.180685 LINE:=2006 TIME:=53349.180819 LINE:=2026 TIME:=53349.180954 LINE:=2046 TIME:=53349.181088 LINE:=2066 TIME:=53349.181222 LINE:=2086 TIME:=53349.181356 LINE:=2106 TIME:=53349.181491 LINE:=2126 TIME:=53349.181625 LINE:=2146 TIME:=53349.181759 LINE:=2166 TIME:=53349.181893 LINE:=2186 TIME:=53349.182028 LINE:=2200	text
Image Quality Information	Header Type	132	Fixed Value, Set to 132
	Header Record Length	12	variable value, max 65532
	Image Quality Information	NO_ERROR	text

HRIT(IMG_DK01IR1_200412100401_009)Header Information

(1/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Primary Header	Header Type	0	Fixed Value, Set to 0
	Header Record Length	16	Fixed Value, Set to 16
	File Type Code	0 - Image Data File	0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	1378 bytes	variable (specifies total size of all header record)
	Data Field Length	3662448 bits	variable (specifies total size of the HRIT file data)
Image Structure	Header Type	1	Fixed Value, Set to 1
	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	16	16: for image data (HRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2750	HRIT 2750: Full and half Earth's disk image data (IR) 11000: Full and half Earth's disk image data (VIS) Variable: Small frame scan image data 2752: Overlay data for IR Earth's disk image data
	Number of Lines	275	HRIT 275: Full and Half Earth's disk image data due to the image segmentation (IR) 1100: Full and Half Earth's disk image data due to the image segmentation (VIS) Variable: Small frame scan image data
Compression Flag	1 - Lossless Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression	
Image Navigation	Header Type	2	Fixed Value, Set to 2
	Header Record Length	51	Fixed Value, Set to 51
	Projection Name	GEOS (140.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	10233128	
	Line Scaling Factor (LFAC)	10233128	
	Column Offset (COFF)	1375	
Line Offset (LOFF)	1375		

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Data Function	Header Type	3
	Header Record Length	231
	Data Definition Block	\$HALFTONE:=16 _NAME:=INFRARED _UNIT:=KELVIN 0:=352.79 357:=317.43 602:=286.53 765:=259.43 870:=235.58 936:=214.25 975:=195.57 998:=178.47 1010:=164.09 1016:=152.45 1019:=143.25 1021:=133.29 1022:=124.62 1023:=49.00 65535:=49.00
		Fixed Value, Set to 3 variable value IMAGE Data: The relation between count and physical value is defined The image data physical value corresponding to minimum count (0), maximum count (65535), and designated count (1023) are defined in principle OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4
	Header Record Length	31
	Annotation Text	IMG_DK01IR1_200412100401
Time Stamp	Header Type	5
	Header Record Length	10
	Time Stamp	09/12/2004 19:31:58.218
Image Segment Identificat	Header Type	128
	Header Record Length	7
	Image Segment Sequence Number	9
	Total Number of Image Segment	10
	Line Number of Image Segment	2201
		Fixed Value, Set to 128 Fixed Value, Set to 7 Image segment is applied to the following data: Full Earth's disk image (1 to 10) Half Earth's disk image (1 to 5) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0 total number of image segment Full Disk = 10 Half Disk = 5 No segmentation is applied = 1 The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Compensation Inform	Header Type	Fixed Value, Set to 130
	Header Record Length	variable value, max 65532
	Image Compensation Informatio LINE:=2201 COFF:=1375.0 LOFF:=1375.0 LINE:=2221 COFF:=1375.0 LOFF:=1375.0 LINE:=2241 COFF:=1375.0 LOFF:=1375.0 LINE:=2261 COFF:=1375.0 LOFF:=1375.0 LINE:=2281 COFF:=1375.0 LOFF:=1375.0 LINE:=2301 COFF:=1375.0 LOFF:=1375.0 LINE:=2321 COFF:=1375.0 LOFF:=1375.0 LINE:=2341 COFF:=1375.0 LOFF:=1375.0 LINE:=2361 COFF:=1375.0 LOFF:=1375.0 LINE:=2381 COFF:=1375.0 LINE:=2401 COFF:=1375.0 LOFF:=1375.0 LINE:=2421 COFF:=1375.0 LOFF:=1375.0 LINE:=2441 COFF:=1375.0 LOFF:=1375.0 LINE:=2461 COFF:=1375.0 LOFF:=1375.0 LINE:=2475 COFF:=1375.0 LOFF:=1375.0	text

HRIT(IMG_DK01IR1_200412100401_009)Header Information

(4/4)

Definition of Header Types		Value	HRIT Mission Specific Implementation
Image Observation Time	Header Type	131	Fixed Value, Set to 131
	Header Record Length	453	variable value, max 65532
	Image Observation Time	LINE:=2201 TIME:=53349.182135 LINE:=2221 TIME:=53349.182269 LINE:=2241 TIME:=53349.182404 LINE:=2261 TIME:=53349.182538 LINE:=2281 TIME:=53349.182672 LINE:=2301 TIME:=53349.182806 LINE:=2321 TIME:=53349.182941 LINE:=2341 TIME:=53349.183075 LINE:=2361 TIME:=53349.183209 LINE:=2381 TIME:=53349.183343 LINE:=2401 TIME:=53349.183478 LINE:=2421 TIME:=53349.183612 LINE:=2441 TIME:=53349.183746 LINE:=2461 TIME:=53349.183880 LINE:=2475	text
	Image Quality Information	NO_ERROR	text
Image Quality Information	Header Type	132	Fixed Value, Set to 132
	Header Record Length	12	variable value, max 65532
	Image Quality Information	NO_ERROR	text

Definition of Header Types		Value	HRIT Mission Specific Implementation
Primary Header	Header Type	0	Fixed Value, Set to 0
	Header Record Length	16	Fixed Value, Set to 16
	File Type Code	0 - Image Data File	0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	1378 bytes	variable (specifies total size of all header record)
	Data Field Length	2808608 bits	variable (specifies total size of the HRIT file data)
Image Structure	Header Type	1	Fixed Value, Set to 1
	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	16	16: for image data (HRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2750	HRIT 2750: Full and half Earth's disk image data (IR) 11000: Full and half Earth's disk image data (VIS) Variable: Small frame scan image data 2752: Overlay data for IR Earth's disk image data
	Number of Lines	275	HRIT 275: Full and Half Earth's disk image data due to the image segmentation (IR) 1100: Full and Half Earth's disk image data due to the image segmentation (VIS) Variable: Small frame scan image data
Compression Flag	1 - Lossless Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression	
Image Navigation	Header Type	2	Fixed Value, Set to 2
	Header Record Length	51	Fixed Value, Set to 51
	Projection Name	GEOS (140.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	10233128	
	Line Scaling Factor (LFAC)	10233128	
	Column Offset (COFF)	1375	
Line Offset (LOFF)	1375		

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Data Function	Header Type	3
	Header Record Length	231
	Data Definition Block	\$HALFTONE:=16 _NAME:=INFRARED _UNIT:=KELVIN 0:=352.79 357:=317.43 602:=286.53 765:=259.43 870:=235.58 936:=214.25 975:=195.57 998:=178.47 1010:=164.09 1016:=152.45 1019:=143.25 1021:=133.29 1022:=124.62 1023:=49.00 65535:=49.00
		Fixed Value, Set to 3 variable value IMAGE Data: The relation between count and physical value is defined The image data physical value corresponding to minimum count (0), maximum count (65535), and designated count (1023) are defined in principle OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4
	Header Record Length	31
	Annotation Text	IMG_DK01IR1_200412100401
Time Stamp	Header Type	5
	Header Record Length	10
	Time Stamp	09/12/2004 19:32:14.181
Image Segment Identificat	Header Type	128
	Header Record Length	7
	Image Segment Sequence Number	10
	Total Number of Image Segment	10
	Line Number of Image Segment	2476
		Fixed Value, Set to 128 Fixed Value, Set to 7 Image segment is applied to the following data: Full Earth's disk image (1 to 10) Half Earth's disk image (1 to 5) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0 total number of image segment Full Disk = 10 Half Disk = 5 No segmentation is applied = 1 The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	HRIT Mission Specific Implementation
Image Compensation Inform	Header Type	Fixed Value, Set to 130
	Header Record Length	variable value, max 65532
	Image Compensation Informatio LINE:=2476 COFF:=1375.0 LOFF:=1375.0 LINE:=2496 COFF:=1375.0 LOFF:=1375.0 LINE:=2516 COFF:=1375.0 LOFF:=1375.0 LINE:=2536 COFF:=1375.0 LOFF:=1375.0 LINE:=2556 COFF:=1375.0 LOFF:=1375.0 LINE:=2576 COFF:=1375.0 LOFF:=1375.0 LINE:=2596 COFF:=1375.0 LOFF:=1375.0 LINE:=2616 COFF:=1375.0 LOFF:=1375.0 LINE:=2636 COFF:=1375.0 LOFF:=1375.0 LINE:=2656 COFF:=1375.0 LINE:=2676 COFF:=1375.0 LOFF:=1375.0 LINE:=2696 COFF:=1375.0 LOFF:=1375.0 LINE:=2716 COFF:=1375.0 LOFF:=1375.0 LINE:=2736 COFF:=1375.0 LOFF:=1375.0 LINE:=2750 COFF:=1375.0 LOFF:=1375.0	text

Definition of Header Types		Value	HRIT Mission Specific Implementation
Image Observation Time	Header Type	131	Fixed Value, Set to 131
	Header Record Length	453	variable value, max 65532
	Image Observation Time	LINE:=2476 TIME:=53349.183974 LINE:=2496 TIME:=53349.184109 LINE:=2516 TIME:=53349.184243 LINE:=2536 TIME:=53349.184377 LINE:=2556 TIME:=53349.184511 LINE:=2576 TIME:=53349.184646 LINE:=2596 TIME:=53349.184780 LINE:=2616 TIME:=53349.184914 LINE:=2636 TIME:=53349.185048 LINE:=2656 TIME:=53349.185183 LINE:=2676 TIME:=53349.185317 LINE:=2696 TIME:=53349.185451 LINE:=2716 TIME:=53349.185585 LINE:=2736 TIME:=53349.185720 LINE:=2750	text
Image Quality Information	Header Type	132	Fixed Value, Set to 132
	Header Record Length	12	variable value, max 65532
	Image Quality Information	NO_ERROR	text

Definition of Header Types	Value	LRIT Mission Specific Implementation	
Primary Header	Header Type	Fixed Value, Set to 0	
	Header Record Length	Fixed Value, Set to 16	
	File Type Code	0 - Image Data File	
	Total Header Length	206 bytes	0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Data Field Length	1002584 bits	variable (specifies total size of all header record) variable (specifies total size of the LRIT file data)
Image Structure	Header Type	1	Fixed Value, Set to 1
	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	8	8: for image data (LRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2200	LRIT 2200: Full Earth's disk image data 800: Polar-Stereographic projection image data
	Number of Lines	220	LRIT 220: Full Earth's disk image data due to the image segmentation 800: Polar-Stereographic projection image data
	Compression Flag	1 - Lossless Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression
Image Navigation	Header Type	2	Fixed Value, Set to 2
	Header Record Length	51	Fixed Value, Set to 51
	Projection Name	GEOS(140.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	8169269	
	Line Scaling Factor (LFAC)	8169269	
	Line Offset (LOFF)	1100	

Definition of Header Types	Value	LRIT Mission Specific Implementation
Image Data Function	Header Type	3 Fixed Value, Set to 3
	Header Record Length	82 variable value
	Data Definition Block	\$HALFTONE:=8 _UNIT:=KELVIN 0:=330.00 1:=302.72 253:=193.58 254:=0.00 255:=0.00 IMAGE Data: The relation between count and physical value is defined . For infrared image data physical value corresponding to minimum count(0),and that maximum count(255),are defined in principle. For visible image data one pixel count may be set to any decimal integer between 0 to 63. Every physical value corresponding to count from 0 to 63 and 255 is defined. OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4 Fixed Value, Set to 4
	Header Record Length	31 variable value, max 67
	Annotation Text	IMG DK01IR1_199812240330_001 used as file name
Time Stamp	Header Type	5 Fixed Value, Set to 5
	Header Record Length	10 Fixed Value, Set to 10
	Time Stamp	09/12/2004 15:00:10.949
Image Segment Identification	Header Type	128 Fixed Value, Set to 128
	Header Record Length	7 Fixed Value, Set to 7
	Image Segment Sequence Number	1 Image segment is applied to the following data: Full Earth's disk image (1 to 10) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	10 total number of image segment Full Disk = 10 No segmentation is applied = 1
	Line Number of Image Segment	1 The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	LRIT Mission Specific Implementation
Primary Header	Header Type	0 Fixed Value, Set to 0
	Header Record Length	16 Fixed Value, Set to 16
	File Type Code	0 - Image Data File 0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	206 bytes variable (specifies total size of all header record)
	Data Field Length	1564984 bits variable (specifies total size of the LRIT file data)
Image Structure	Header Type	1 Fixed Value, Set to 1
	Header Record Length	9 Fixed Value, Set to 9
	Number of Bits Per Pixel	8 8: for image data (LRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2200 LRIT 2200: Full Earth's disk image data 800: Polar-Stereographic projection image data
	Number of Lines	220 LRIT 220: Full Earth's disk image data due to the image segmentation 800: Polar-Stereographic projection image data
	Compression Flag	1 - Lossless Compression 0: No Compression 1: Lossless Compression 2: Lossy Compression
Image Navigation	Header Type	2 Fixed Value, Set to 2
	Header Record Length	51 Fixed Value, Set to 51
	Projection Name	GEOS(140.0) GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	8169269
	Line Scaling Factor (LFAC)	8169269
	Column Offset (COFF)	1100
	Line Offset (LOFF)	1100

Definition of Header Types		Value	LRIT Mission Specific Implementation
Image Data Function	Header Type	3	Fixed Value, Set to 3
	Header Record Length	82	variable value
	Data Definition Block	\$HALFTONE:=8 _UNIT:=KELVIN 0:=330.00 1:=302.72 253:=193.58 254:=0.00 255:=0.00	IMAGE Data: The relation between count and physical value is defined . For infrared image data physical value corresponding to minimum count(0),and that maximum count(255),are defined in principle. For visible image data one pixel count may be set to any decimal integer between 0 to 63. Every physical value corresponding to count from 0 to 63 and 255 is defined. OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4	Fixed Value, Set to 4
	Header Record Length	31	variable value, max 67
	Annotation Text	IMG DK01IR1_199812240330_002	used as file name
Time Stamp	Header Type	5	Fixed Value, Set to 5
	Header Record Length	10	Fixed Value, Set to 10
	Time Stamp	09/12/2004 15:00:10.949	
Image Segment Identification	Header Type	128	Fixed Value, Set to 128
	Header Record Length	7	Fixed Value, Set to 7
	Image Segment Sequence Number	2	Image segment is applied to the following data: Full Earth's disk image (1 to 10) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	10	total number of image segment Full Disk = 10 No segmentation is applied = 1
	Line Number of Image Segment	221	The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

LRIT(IMG_DK01IR1_199812240330_03)Header Information

(1 / 2)

Definition of Header Types	Value	LRIT Mission Specific Implementation
Primary Header	Header Type	0 Fixed Value, Set to 0
	Header Record Length	16 Fixed Value, Set to 16
	File Type Code	0 - Image Data File 0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	206 bytes variable (specifies total size of all header record)
	Data Field Length	1714232 bits variable (specifies total size of the LRIT file data)
Image Structure	Header Type	1 Fixed Value, Set to 1
	Header Record Length	9 Fixed Value, Set to 9
	Number of Bits Per Pixel	8 8: for image data (LRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2200 LRIT 2200: Full Earth's disk image data 800: Polar-Stereographic projection image data
	Number of Lines	220 LRIT 220: Full Earth's disk image data due to the image segmentation 800: Polar-Stereographic projection image data
	Compression Flag	1 - Lossless Compression 0: No Compression 1: Lossless Compression 2: Lossy Compression
Image Navigation	Header Type	2 Fixed Value, Set to 2
	Header Record Length	51 Fixed Value, Set to 51
	Projection Name	GEOS(140.0) GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	8169269
	Line Scaling Factor (LFAC)	8169269
	Column Offset (COFF)	1100
	Line Offset (LOFF)	1100

Definition of Header Types		Value	LRIT Mission Specific Implementation
Image Data Function	Header Type	3	Fixed Value, Set to 3
	Header Record Length	82	variable value
	Data Definition Block	\$HALFTONE:=8 _UNIT:=KELVIN 0:=330.00 1:=302.72 253:=193.58 254:=0.00 255:=0.00	IMAGE Data: The relation between count and physical value is defined . For infrared image data physical value corresponding to minimum count(0),and that maximum count(255),are defined in principle. For visible image data one pixel count may be set to any decimal integer between 0 to 63. Every physical value corresponding to count from 0 to 63 and 255 is defined. OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4	Fixed Value, Set to 4
	Header Record Length	31	variable value, max 67
	Annotation Text	IMG DK01IR1_199812240330_003	used as file name
Time Stamp	Header Type	5	Fixed Value, Set to 5
	Header Record Length	10	Fixed Value, Set to 10
	Time Stamp	09/12/2004 15:00:10.950	
Image Segment Identification	Header Type	128	Fixed Value, Set to 128
	Header Record Length	7	Fixed Value, Set to 7
	Image Segment Sequence Number	3	Image segment is applied to the following data: Full Earth's disk image (1 to 10) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	10	total number of image segment Full Disk = 10 No segmentation is applied = 1
	Line Number of Image Segment	441	The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	LRIT Mission Specific Implementation
Primary Header	Header Type	0 Fixed Value, Set to 0
	Header Record Length	16 Fixed Value, Set to 16
	File Type Code	0 - Image Data File 0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	206 bytes variable (specifies total size of all header record)
	Data Field Length	1317992 bits variable (specifies total size of the LRIT file data)
Image Structure	Header Type	1 Fixed Value, Set to 1
	Header Record Length	9 Fixed Value, Set to 9
	Number of Bits Per Pixel	8 8: for image data (LRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2200 LRIT 2200: Full Earth's disk image data 800: Polar-Stereographic projection image data
	Number of Lines	220 LRIT 220: Full Earth's disk image data due to the image segmentation 800: Polar-Stereographic projection image data
	Compression Flag	1 - Lossless Compression 0: No Compression 1: Lossless Compression 2: Lossy Compression
Image Navigation	Header Type	2 Fixed Value, Set to 2
	Header Record Length	51 Fixed Value, Set to 51
	Projection Name	GEOS(140.0) GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	8169269
	Line Scaling Factor (LFAC)	8169269
	Column Offset (COFF)	1100
	Line Offset (LOFF)	1100

Definition of Header Types		Value	LRIT Mission Specific Implementation
Image Data Function	Header Type	4	Fixed Value, Set to 3
	Header Record Length	82	variable value
	Data Definition Block	\$HALFTONE:=8 _UNIT:=KELVIN 0:=330.00 1:=302.72 253:=193.58 254:=0.00 255:=0.00	IMAGE Data: The relation between count and physical value is defined . For infrared image data physical value corresponding to minimum count(0),and that maximum count(255),are defined in principle. For visible image data one pixel count may be set to any decimal integer between 0 to 63. Every physical value corresponding to count from 0 to 63 and 255 is defined. OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4	Fixed Value, Set to 4
	Header Record Length	31	variable value, max 67
	Annotation Text	IMG DK01IR1_199812240330_004	used as file name
Time Stamp	Header Type	5	Fixed Value, Set to 5
	Header Record Length	10	Fixed Value, Set to 10
	Time Stamp	09/12/2004 15:00:10.952	
Image Segment Identification	Header Type	128	Fixed Value, Set to 128
	Header Record Length	7	Fixed Value, Set to 7
	Image Segment Sequence Number	4	Image segment is applied to the following data: Full Earth's disk image (1 to 10) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	10	total number of image segment Full Disk = 10 No segmentation is applied = 1
	Line Number of Image Segment	661	The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	LRIT Mission Specific Implementation
Primary Header	Header Type	0 Fixed Value, Set to 0
	Header Record Length	16 Fixed Value, Set to 16
	File Type Code	0 - Image Data File 0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	206 bytes variable (specifies total size of all header record)
	Data Field Length	2066304 bits variable (specifies total size of the LRIT file data)
Image Structure	Header Type	1 Fixed Value, Set to 1
	Header Record Length	9 Fixed Value, Set to 9
	Number of Bits Per Pixel	8 8: for image data (LRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2200 LRIT 2200: Full Earth's disk image data 800: Polar-Stereographic projection image data
	Number of Lines	220 LRIT 220: Full Earth's disk image data due to the image segmentation 800: Polar-Stereographic projection image data
	Compression Flag	1 - Lossless Compression 0: No Compression 1: Lossless Compression 2: Lossy Compression
Image Navigation	Header Type	2 Fixed Value, Set to 2
	Header Record Length	51 Fixed Value, Set to 51
	Projection Name	GEOS(140.0) GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	8169269
	Line Scaling Factor (LFAC)	8169269
	Column Offset (COFF)	1100
	Line Offset (LOFF)	1100

Definition of Header Types		Value	LRIT Mission Specific Implementation
Image Data Function	Header Type	3	Fixed Value, Set to 3
	Header Record Length	82	variable value
	Data Definition Block	\$HALFTONE:=8 _UNIT:=KELVIN 0:=330.00 1:=302.72 253:=193.58 254:=0.00 255:=0.00	IMAGE Data: The relation between count and physical value is defined . For infrared image data physical value corresponding to minimum count(0),and that maximum count(255),are defined in principle. For visible image data one pixel count may be set to any decimal integer between 0 to 63. Every physical value corresponding to count from 0 to 63 and 255 is defined. OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4	Fixed Value, Set to 4
	Header Record Length	31	variable value, max 67
	Annotation Text	IMG DK01IR1_199812240330_005	used as file name
Time Stamp	Header Type	5	Fixed Value, Set to 5
	Header Record Length	10	Fixed Value, Set to 10
	Time Stamp	09/12/2004 15:00:10.953	
Image Segment Identification	Header Type	128	Fixed Value, Set to 128
	Header Record Length	7	Fixed Value, Set to 7
	Image Segment Sequence Number	5	Image segment is applied to the following data: Full Earth's disk image (1 to 10) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	10	total number of image segment Full Disk = 10 No segmentation is applied = 1
	Line Number of Image Segment	881	The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	LRIT Mission Specific Implementation
Primary Header	Header Type	0 Fixed Value, Set to 0
	Header Record Length	16 Fixed Value, Set to 16
	File Type Code	0 - Image Data File 0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	206 bytes variable (specifies total size of all header record)
	Data Field Length	2295440 bits variable (specifies total size of the LRIT file data)
	Image Structure	Header Type
Header Record Length		9 Fixed Value, Set to 9
Number of Bits Per Pixel		8 8: for image data (LRIT) 1: for overlay data (HRIT/LRIT)
Number of Columns		2200 LRIT 2200: Full Earth's disk image data 800: Polar-Stereographic projection image data
Number of Lines		220 LRIT 220: Full Earth's disk image data due to the image segmentation 800: Polar-Stereographic projection image data
Compression Flag		1 - Lossless Compression 0: No Compression 1: Lossless Compression 2: Lossy Compression
Image Navigation	Header Type	2 Fixed Value, Set to 2
	Header Record Length	51 Fixed Value, Set to 51
	Projection Name	GEOS(140.0) GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	8169269
	Line Scaling Factor (LFAC)	8169269
	Column Offset (COFF)	1100
	Line Offset (LOFF)	1100

Definition of Header Types		Value	LRIT Mission Specific Implementation
Image Data Function	Header Type	3	Fixed Value, Set to 3
	Header Record Length	82	variable value
	Data Definition Block	\$HALFTONE:=8 _UNIT:=KELVIN 0:=330.00 1:=302.72 253:=193.58 254:=0.00 255:=0.00	IMAGE Data: The relation between count and physical value is defined . For infrared image data physical value corresponding to minimum count(0),and that maximum count(255),are defined in principle. For visible image data one pixel count may be set to any decimal integer between 0 to 63. Every physical value corresponding to count from 0 to 63 and 255 is defined. OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4	Fixed Value, Set to 4
	Header Record Length	31	variable value, max 67
	Annotation Text	IMG DK01IR1_199812240330_006	used as file name
Time Stamp	Header Type	5	Fixed Value, Set to 5
	Header Record Length	10	Fixed Value, Set to 10
	Time Stamp	09/12/2004 15:00:10.949	
Image Segment Identification	Header Type	128	Fixed Value, Set to 128
	Header Record Length	7	Fixed Value, Set to 7
	Image Segment Sequence Number	6	Image segment is applied to the following data: Full Earth's disk image (1 to 10) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	10	total number of image segment Full Disk = 10 No segmentation is applied = 1
	Line Number of Image Segment	1101	The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

LRIT(IMG_DK01IR1_199812240330_07)Header Information

Definition of Header Types	Value	LRIT Mission Specific Implementation	
Primary Header	Header Type	Fixed Value, Set to 0	
	Header Record Length	Fixed Value, Set to 16	
	File Type Code	0 - Image Data File	
	Total Header Length	206 bytes	variable (specifies total size of all header record)
	Data Field Length	2058688 bits	variable (specifies total size of the LRIT file data)
Image Structure	Header Type	Fixed Value, Set to 1	
	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	8	8: for image data (LRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2200	LRIT 2200: Full Earth's disk image data 800: Polar-Stereographic projection image data
	Number of Lines	220	LRIT 220: Full Earth's disk image data due to the image segmentation 800: Polar-Stereographic projection image data
Compression Flag	1 - Lossless Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression	
Image Navigation	Header Type	2	Fixed Value, Set to 2
	Header Record Length	51	Fixed Value, Set to 51
	Projection Name	GEOS(140.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	8169269	
	Line Scaling Factor (LFAC)	8169269	
	Column Offset (COFF)	1100	
	Line Offset (LOFF)	1100	

Definition of Header Types		Value	LRIT Mission Specific Implementation
Image Data Function	Header Type	3	Fixed Value, Set to 3
	Header Record Length	82	variable value
	Data Definition Block	\$HALFTONE:=8 _UNIT:=KELVIN 0:=330.00 1:=302.72 253:=193.58 254:=0.00 255:=0.00	IMAGE Data: The relation between count and physical value is defined . For infrared image data physical value corresponding to minimum count(0),and that maximum count(255),are defined in principle. For visible image data one pixel count may be set to any decimal integer between 0 to 63. Every physical value corresponding to count from 0 to 63 and 255 is defined. OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4	Fixed Value, Set to 4
	Header Record Length	31	variable value, max 67
	Annotation Text	IMG DK01IR1_199812240330_007	used as file name
Time Stamp	Header Type	5	Fixed Value, Set to 5
	Header Record Length	10	Fixed Value, Set to 10
	Time Stamp	09/12/2004 15:00:10.956	
Image Segment Identification	Header Type	128	Fixed Value, Set to 128
	Header Record Length	7	Fixed Value, Set to 7
	Image Segment Sequence Number	7	Image segment is applied to the following data: Full Earth's disk image (1 to 10) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	10	total number of image segment Full Disk = 10 No segmentation is applied = 1
	Line Number of Image Segment	1321	The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	LRIT Mission Specific Implementation
Primary Header	Header Type	0 Fixed Value, Set to 0
	Header Record Length	16 Fixed Value, Set to 16
	File Type Code	0 - Image Data File 0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	206 bytes variable (specifies total size of all header record)
	Data Field Length	1373640 bits variable (specifies total size of the LRIT file data)
Image Structure	Header Type	1 Fixed Value, Set to 1
	Header Record Length	9 Fixed Value, Set to 9
	Number of Bits Per Pixel	8 8: for image data (LRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2200 LRIT 2200: Full Earth's disk image data 800: Polar-Stereographic projection image data
	Number of Lines	220 LRIT 220: Full Earth's disk image data due to the image segmentation 800: Polar-Stereographic projection image data
Compression Flag	1 - Lossless Compression 0: No Compression 1: Lossless Compression 2: Lossy Compression	
Image Navigation	Header Type	2 Fixed Value, Set to 2
	Header Record Length	51 Fixed Value, Set to 51
	Projection Name	GEOS(140.0) GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	8169269
	Line Scaling Factor (LFAC)	8169269
	Column Offset (COFF)	1100
	Line Offset (LOFF)	1100

Definition of Header Types		Value	LRIT Mission Specific Implementation
Image Data Function	Header Type	3	Fixed Value, Set to 3
	Header Record Length	82	variable value
	Data Definition Block	\$HALFTONE:=8 _UNIT:=KELVIN 0:=330.00 1:=302.72 253:=193.58 254:=0.00 255:=0.00	IMAGE Data: The relation between count and physical value is defined . For infrared image data physical value corresponding to minimum count(0),and that maximum count(255),are defined in principle. For visible image data one pixel count may be set to any decimal integer between 0 to 63. Every physical value corresponding to count from 0 to 63 and 255 is defined. OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4	Fixed Value, Set to 4
	Header Record Length	31	variable value, max 67
	Annotation Text	IMG DK01IR1_199812240330_008	used as file name
Time Stamp	Header Type	5	Fixed Value, Set to 5
	Header Record Length	10	Fixed Value, Set to 10
	Time Stamp	09/12/2004 15:00:10.958	
Image Segment Identification	Header Type	128	Fixed Value, Set to 128
	Header Record Length	7	Fixed Value, Set to 7
	Image Segment Sequence Number	8	Image segment is applied to the following data: Full Earth's disk image (1 to 10) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	10	total number of image segment Full Disk = 10 No segmentation is applied = 1
	Line Number of Image Segment	1541	The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

Definition of Header Types	Value	LRIT Mission Specific Implementation
Primary Header	Header Type	0 Fixed Value, Set to 0
	Header Record Length	16 Fixed Value, Set to 16
	File Type Code	0 - Image Data File 0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	206 bytes variable (specifies total size of all header record)
	Data Field Length	1403752 bits variable (specifies total size of the LRIT file data)
Image Structure	Header Type	1 Fixed Value, Set to 1
	Header Record Length	9 Fixed Value, Set to 9
	Number of Bits Per Pixel	8 8: for image data (LRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2200 LRIT 2200: Full Earth's disk image data 800: Polar-Stereographic projection image data
	Number of Lines	220 LRIT 220: Full Earth's disk image data due to the image segmentation 800: Polar-Stereographic projection image data
Compression Flag	1 - Lossless Compression 0: No Compression 1: Lossless Compression 2: Lossy Compression	
Image Navigation	Header Type	2 Fixed Value, Set to 2
	Header Record Length	51 Fixed Value, Set to 51
	Projection Name	GEOS(140.0) GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	8169269
	Line Scaling Factor (LFAC)	8169269
	Column Offset (COFF)	1100
Line Offset (LOFF)	1100	

Definition of Header Types		Value	LRIT Mission Specific Implementation
Image Data Function	Header Type	3	Fixed Value, Set to 3
	Header Record Length	82	variable value
	Data Definition Block	\$HALFTONE:=8 _UNIT:=KELVIN 0:=330.00 1:=302.72 253:=193.58 254:=0.00 255:=0.00	IMAGE Data: The relation between count and physical value is defined . For infrared image data physical value corresponding to minimum count(0),and that maximum count(255),are defined in principle. For visible image data one pixel count may be set to any decimal integer between 0 to 63. Every physical value corresponding to count from 0 to 63 and 255 is defined. OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4	Fixed Value, Set to 4
	Header Record Length	31	variable value, max 67
	Annotation Text	IMG DK01IR1_199812240330_009	used as file name
Time Stamp	Header Type	5	Fixed Value, Set to 5
	Header Record Length	10	Fixed Value, Set to 10
	Time Stamp	09/12/2004 15:00:10.960	
Image Segment Identification	Header Type	128	Fixed Value, Set to 128
	Header Record Length	7	Fixed Value, Set to 7
	Image Segment Sequence Number	9	Image segment is applied to the following data: Full Earth's disk image (1 to 10) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	10	total number of image segment Full Disk = 10 No segmentation is applied = 1
	Line Number of Image Segment	1761	The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

LRIT(IMG_DK01IR1_199812240330_10)Header Information

Definition of Header Types	Value	LRIT Mission Specific Implementation
Primary Header	Header Type	Fixed Value, Set to 0
	Header Record Length	Fixed Value, Set to 16
	File Type Code	0 - Image Data File 0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	206 bytes variable (specifies total size of all header record)
	Data Field Length	1031328 bits variable (specifies total size of the LRIT file data)
Image Structure	Header Type	Fixed Value, Set to 1
	Header Record Length	Fixed Value, Set to 9
	Number of Bits Per Pixel	8 8: for image data (LRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	2200 LRIT 2200: Full Earth's disk image data 800: Polar-Stereographic projection image data
	Number of Lines	220 LRIT 220: Full Earth's disk image data due to the image segmentation 800: Polar-Stereographic projection image data
	Compression Flag	1 - Lossless Compression 0: No Compression 1: Lossless Compression 2: Lossy Compression
Image Navigation	Header Type	Fixed Value, Set to 2
	Header Record Length	Fixed Value, Set to 51
	Projection Name	GEOS(140.0) GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	8169269
	Line Scaling Factor (LFAC)	8169269
	Line Offset (LOFF)	1100

LRIT(IMG_DK01IR1_199812240330_10)Header Information

Definition of Header Types	Value	LRIT Mission Specific Implementation
Image Data Function	Header Type	3 Fixed Value, Set to 3
	Header Record Length	82 variable value
	Data Definition Block	\$HALFTONE:=8 _UNIT:=KELVIN 0:=330.00 1:=302.72 253:=193.58 254:=0.00 255:=0.00 IMAGE Data: The relation between count and physical value is defined . For infrared image data physical value corresponding to minimum count(0),and that maximum count(255),are defined in principle. For visible image data one pixel count may be set to any decimal integer between 0 to 63. Every physical value corresponding to count from 0 to 63 and 255 is defined. OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4 Fixed Value, Set to 4
	Header Record Length	31 variable value, max 67
	Annotation Text	IMG DK01IR1_199812240330_010 used as file name
Time Stamp	Header Type	5 Fixed Value, Set to 5
	Header Record Length	10 Fixed Value, Set to 10
	Time Stamp	09/12/2004 15:00:10.961
Image Segment Identification	Header Type	128 Fixed Value, Set to 128
	Header Record Length	7 Fixed Value, Set to 7
	Image Segment Sequence Number	10 Image segment is applied to the following data: Full Earth's disk image (1 to 10) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	10 total number of image segment Full Disk = 10 No segmentation is applied = 1
	Line Number of Image Segment	1981 The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

LRIT(IMG_PS01VIS_200412100401)Header Information

(1 / 2)

Definition of Header Types		Value	LRIT Mission Specific Implementation
Primary Header	Header Type	0	Fixed Value, Set to 0
	Header Record Length	16	Fixed Value, Set to 16
	File Type Code	0 - Image Data File	0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	199 bytes	variable (specifies total size of all header record)
	Data Field Length	178544 bits	variable (specifies total size of the LRIT file data)
Image Structure	Header Type	1	Fixed Value, Set to 1
	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	8	8: for image data (LRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	800	LRIT 2200: Full Earth's disk image data 800: Polar-Stereographic projection image data
	Number of Lines	800	LRIT 220: Full Earth's disk image data due to the image segmentation 800: Polar-Stereographic projection image data
	Compression Flag	2 - Lossy Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression
Image Navigation	Header Type	2	Fixed Value, Set to 2
	Header Record Length	51	Fixed Value, Set to 51
	Projection Name	POLAR (N,135.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	96522472	
	Line Scaling Factor (LFAC)	114939536	
	Column Offset (COFF)	531	
	Line Offset (LOFF)	-540	

LRIT(IMG_PS01VIS_200412100401)Header Information

(2 / 2)

Definition of Header Types		Value	LRIT Mission Specific Implementation
Image Data Function	Header Type	3	Fixed Value, Set to 3
	Header Record Length	79	variable value
	Data Definition Block	\$HALFTONE:=8 _NAME:=VISIBLE _UNIT:=ALBEDO(%) 0:=0.00 63:=112.56 255:=112.56	IMAGE Data: The relation between count and physical value is defined . For infrared image data physical value corresponding to minimum count(0),and that maximum count(255),are defined in principle. For visible image data one pixel count may be set to any decimal integer between 0 to 63. Every physical value corresponding to count from 0 to 63 and 255 is defined. OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4	Fixed Value, Set to 4
	Header Record Length	27	variable value, max 67
	Annotation Text	IMG_PS01VIS_200412100401	used as file name
Time Stamp	Header Type	5	Fixed Value, Set to 5
	Header Record Length	10	Fixed Value, Set to 10
	Time Stamp	09/12/2004 19:25:02.424	
Image Segment Identification	Header Type	128	Fixed Value, Set to 128
	Header Record Length	7	Fixed Value, Set to 7
	Image Segment Sequence Number	0	Image segment is applied to the following data: Full Earth's disk image (1 to 10) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	1	total number of image segment Full Disk = 10 No segmentation is applied = 1
	Line Number of Image Segment	1	The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

LRIT(IMG_PS02VIS_200412100401)Header Information

(1 / 2)

Definition of Header Types	Value	LRIT Mission Specific Implementation
Primary Header	Header Type	0 Fixed Value, Set to 0
	Header Record Length	16 Fixed Value, Set to 16
	File Type Code	0 - Image Data File 0: image data file 1: GTS Message (not used) 2: alphanumeric text file 3: encryption key message
	Total Header Length	199 bytes variable (specifies total size of all header record)
	Data Field Length	115008 bits variable (specifies total size of the LRIT file data)
Image Structure	Header Type	1 Fixed Value, Set to 1
	Header Record Length	9 Fixed Value, Set to 9
	Number of Bits Per Pixel	8 8: for image data (LRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	800 LRIT 2200: Full Earth's disk image data 800: Polar-Stereographic projection image data
	Number of Lines	800 LRIT 220: Full Earth's disk image data due to the image segmentation 800: Polar-Stereographic projection image data
	Compression Flag	2 - Lossy Compression 0: No Compression 1: Lossless Compression 2: Lossy Compression
Image Navigation	Header Type	2 Fixed Value, Set to 2
	Header Record Length	51 Fixed Value, Set to 51
	Projection Name	POLAR (N,135.0) GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
	Column Scaling Factor (CFAC)	222001696
	Line Scaling Factor (LFAC)	264360944
	Column Offset (COFF)	342
	Line Offset (LOFF)	-1545

Definition of Header Types	Value	LRIT Mission Specific Implementation	
Image Data Function	Header Type	3	Fixed Value, Set to 3
	Header Record Length	79	variable value
	Data Definition Block	\$HALFTONE:=8 _NAME:=VISIBLE _UNIT:=ALBEDO(%) 0:=0.00 63:=112.56 255:=112.56	IMAGE Data: The relation between count and physical value is defined . For infrared image data physical value corresponding to minimum count(0),and that maximum count(255),are defined in principle. For visible image data one pixel count may be set to any decimal integer between 0 to 63. Every physical value corresponding to count from 0 to 63 and 255 is defined. OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4	Fixed Value, Set to 4
	Header Record Length	27	variable value, max 67
	Annotation Text	IMG_PS02VIS_200412100401	used as file name
Time Stamp	Header Type	5	Fixed Value, Set to 5
	Header Record Length	10	Fixed Value, Set to 10
	Time Stamp	09/12/2004 19:25:01.659	
Image Segment Identification	Header Type	128	Fixed Value, Set to 128
	Header Record Length	7	Fixed Value, Set to 7
	Image Segment Sequence Number	0	Image segment is applied to the following data: Full Earth's disk image (1 to 10) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	1	total number of image segment Full Disk = 10 No segmentation is applied = 1
	Line Number of Image Segment	1	The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.

LRIT(IMG_PS03VIS_200412100401)Header Information

Definition of Header Types	Value	LRIT Mission Specific Implementation	
Primary Header	Header Type	Fixed Value, Set to 0	
	Header Record Length	Fixed Value, Set to 16	
	File Type Code	0 - Image Data File	
	Total Header Length	199 bytes	variable (specifies total size of all header record)
	Data Field Length	123544 bits	variable (specifies total size of the LRIT file data)
	Header Type	1	Fixed Value, Set to 1
Image Structure	Header Record Length	9	Fixed Value, Set to 9
	Number of Bits Per Pixel	8	8: for image data (LRIT) 1: for overlay data (HRIT/LRIT)
	Number of Columns	800	LRIT 2200: Full Earth's disk image data 800: Polar-Stereographic projection image data
	Number of Lines	800	LRIT 220: Full Earth's disk image data due to the image segmentation 800: Polar-Stereographic projection image data
	Compression Flag	2 - Lossy Compression	0: No Compression 1: Lossless Compression 2: Lossy Compression
	Image Navigation	Header Type	2
Header Record Length		51	Fixed Value, Set to 51
Projection Name		POLAR (N,135.0)	GOES(140.0) for the full Earth's disk image POLAR(N,135.0) for the Polar-Stereographic projection (N = North)
Column Scaling Factor (CFAC)		250958432	
Line Scaling Factor (LFAC)		298842784	
Column Offset (COFF)		710	
Line Offset (LOFF)		-2234	

Definition of Header Types		Value	LRIT Mission Specific Implementation
Image Data Function	Header Type	3	Fixed Value, Set to 3
	Header Record Length	79	variable value
	Data Definition Block	\$HALFTONE:=8 _NAME:=VISIBLE _UNIT:=ALBEDO(%) 0:=0.00 63:=112.56 255:=112.56	IMAGE Data: The relation between count and physical value is defined . For infrared image data physical value corresponding to minimum count(0),and that maximum count(255),are defined in principle. For visible image data one pixel count may be set to any decimal integer between 0 to 63. Every physical value corresponding to count from 0 to 63 and 255 is defined. OVERLAY Files: All overlay files are disseminated as single bit-plane. Zero represents the overlay to be off. One represents overlay condition.
Annotation	Header Type	4	Fixed Value, Set to 4
	Header Record Length	27	variable value, max 67
	Annotation Text	IMG_PS03VIS_200412100401	used as file name
Time Stamp	Header Type	5	Fixed Value, Set to 5
	Header Record Length	10	Fixed Value, Set to 10
	Time Stamp	09/12/2004 19:25:01.768	
Image Segment Identification	Header Type	128	Fixed Value, Set to 128
	Header Record Length	7	Fixed Value, Set to 7
	Image Segment Sequence Number	0	Image segment is applied to the following data: Full Earth's disk image (1 to 10) No image segmentation is applied to the following data: Overlays Polar-Stereographic projection image (LRIT) If no segmentation is applied, Sequence number = 0
	Total Number of Image Segment	1	total number of image segment Full Disk = 10 No segmentation is applied = 1
	Line Number of Image Segment	1	The line number relative to COFF/LOFF (Image Navigation Header) of the first line for the each image segment will be set.