Genesis Maps Spectrum Mapping (*.spd)   File Format   Version 1.001   02-Apr-03

Data	File Offset [Bytes]	Data Type	DESCRIPTION
tag[16]	0	char	"MAPSPECTRA_DATA" File ID tag
version	16	long	File version. Current version = 1001
nSpectra	20	long	Number of spectra stored in the file.
nPoints	24	long	Number of map pixels in X direction.
nLines	28	long	Number of map pixels in Y direction.
nChannels	32	long	Number of channels per spectrum.
countBytes	36	long	Number of count bytes per channel. (1, 2 or 4)
dataOffset	40	long	File offset in bytes where the data start. (1068)
nFrames	44	long	Number of frames in live spectrum mapping.
fName[120]	48	char	File name of the electron image acquired in spectrum mapping.
filler[900]	168	char	Not used.
Spectrum channels data	1068	BYTE or WORD or DWORD (depending on countBytes)	Channels data start from upper left image pixels and end in the lower right corner.

Remarks:

.SPD files are used for saving spectra counts in spectrum mapping acquisition in Genesis Maps/Line software.

File Size = 1068 + nPoints * nLines * nChannels * countBytes