bmp24_extract_subimg.exe

```
Parameters:
 (string)   -ifh  input header file
 (string)   -ifd  input data file
 (string)   -of   output file
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col

Optional Parameters:
 (noarg)    -help displays this message
```

bmp24_processing.exe

```
Parameters:
 (string)   -ifh  input header file
 (string)   -ifd  input data file
 (string)   -of   output file
 (string)   -op   operation (rot90 rot270 flipud fliplr)

Optional Parameters:
 (noarg)    -help displays this message
```

bmp_extract_subimg.exe

```
Parameters:
 (string)   -ifh  input header file
 (string)   -ifd  input data file
 (string)   -ifc  input colormap file
 (string)   -of   output file
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col

Optional Parameters:
 (noarg)    -help displays this message
```

bmp_processing.exe

```
Parameters:
 (string)   -ifh  input header file
 (string)   -ifd  input data file
 (string)   -ifc  input colormap file
```

```
 (string)   -of   output file
 (string)   -op   operation (rot90 rot270 flipud fliplr)

Optional Parameters:
 (noarg)    -help displays this message
```

---

classification_colormap_pauli.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -if   input classification file
 (string)   -of   output BMP file
 (string)   -iodf input-output data format
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

```
Polarimetric Input-Output Data Format

 S2          input : quad-pol S2     output : quad-pol S2
 C3          input : covariance C3   output : covariance C3
 T3          input : coherency T3    output : coherency T3
 C4          input : covariance C4   output : covariance C4
 T4          input : coherency T4    output : coherency T4
```

---

classification_colormap_sinclair.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -if   input classification file
 (string)   -of   output BMP file
 (string)   -iodf input-output data format
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2          input : quad-pol S2     output : quad-pol S2
 C3          input : covariance C3   output : covariance C3
 T3          input : coherency T3    output : coherency T3
 C4          input : covariance C4   output : covariance C4
 T4          input : coherency T4    output : coherency T4
```

---

classification_colormap_SPPIPPC2.exe

Parameters:

```
 (string)  -id   input directory
 (string)  -if   input classification file
 (string)  -of   output BMP file
 (string)  -iodf input-output data format
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col

if iodf = SPP or iodf = C2
 (string)  -rgbf RGB format RGB1 or RGB2
```

Optional Parameters:

```
 (string)  -mask mask file (valid pixels)
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
 (noarg)   -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 SPP         input : dual-pol SPP    output : dual-pol SPP
 C2          input : covariance C2   output : covariance C2
 IPP         input : intensities IPP output : intensities IPP
```

---

create_bmp24_file.exe

Parameters:

```
 (string)  -if   binary input file
 (string)  -of   bmp output file
 (string)  -ift  input data format (cmplx, float, int)
 (string)  -oft  output data format (real, imag, mod, pha, db10, db20)
 (string)  -clm  ColorMap (gray, grayrev, jet, jetinv, jetrev, hsv,
hsvinv, hsvrev)
 (int)     -nc   Number of Col
 (int)     -ofr  Offset Row
```

```
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (int)     -mm   Min-Max determination (0,1,2,3)
 (float)   -min  Value of the Minimum
 (float)   -max  Value of the Maximum

Optional Parameters:
 (string)  -mask mask file (valid pixels)
 (noarg)   -help displays this message
```

---

create_bmp_file.exe

```
Parameters:
 (string)  -if   binary input file
 (string)  -of   bmp output file
 (string)  -ift  input data format (cmplx, float, int)
 (string)  -oft  output data format (real, imag, mod, pha, db10, db20)
 (string)  -clm  ColorMap (gray, grayrev, jet, jetinv, jetrev, hsv,
hsvinv, hsvrev)
 (int)     -nc   Number of Col
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (int)     -mm   Min-Max determination (0,1,2,3)
 (float)   -min  Value of the Minimum
 (float)   -max  Value of the Maximum

Optional Parameters:
 (string)  -mask mask file (valid pixels)
 (string)  -mcol mask file color (white, gray, black)
 (noarg)   -help displays this message
```

---

create_bmp_kml_file.exe

```
Parameters:
 (string)  -if   binary input file
 (string)  -of   bmp output file
 (string)  -ift  input data format (cmplx, float, int)
 (string)  -oft  output data format (real, imag, mod, pha, db10, db20)
 (int)     -nc   Number of Col
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (int)     -mm   Min-Max determination (0,1,2,3)
 (float)   -min  Value of the Minimum
 (float)   -max  Value of the Maximum

Optional Parameters:
 (string)  -mask mask file (valid pixels)
 (noarg)   -help displays this message
```

create_gray_color_bmp_file.exe

Parameters:
```
 (string)  -of   bmp output file
 (string)  -msk  mask file
 (int)     -imsk inverse mask (0/1)
 (int)     -nl   Number of Lig
 (int)     -nc   Number of Col
 (string)  -ifhg input file: header gray
 (string)  -ifhc input file: header color
 (string)  -ifdg input file: data gray
 (string)  -ifdc input file: data color
 (string)  -ifcg input file: colormap gray
 (string)  -ifcc input file: colormap color
 (string)  -ofcg output file: colormap gray-color
```

Optional Parameters:
```
 (noarg)   -help displays this message
```

---

create_hsv_cce_file.exe

Parameters:
```
 (string)  -ifh  input binary file: hue channel
 (string)  -ifv  input binary file: val channel
 (string)  -ifs  input binary file: sat channel
 (string)  -of   output RGB BMP file
 (int)     -inc  Initial Number of Col
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (int)     -auto Automatic color enhancement (1 / 0)
 if automatic = 0
 (float)   -minh hue channel : min value
 (float)   -maxh hue channel : max value
 (float)   -minv val channel : min value
 (float)   -maxv val channel : max value
 (float)   -mins sat channel : min value
 (float)   -maxs sat channel : max value
```

Optional Parameters:
```
 (string)  -mask mask file (valid pixels)
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
```

---

create_hsv_file.exe

Parameters:
```
 (string)  -ifh  input binary file: hue channel
 (string)  -ifv  input binary file: val channel
```

```
 (string)   -ifs  input binary file: sat channel
 (string)   -of   output RGB BMP file
 (int)      -inc  Initial Number of Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
 (int)      -auto Automatic color enhancement (1 / 0)
 if automatic = 0
 (float)    -minh hue channel : min value
 (float)    -maxh hue channel : max value
 (float)    -minv val channel : min value
 (float)    -maxv val channel : max value
 (float)    -mins sat channel : min value
 (float)    -maxs sat channel : max value

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

---

create_hsv_file_Stokes.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -of   output BMP file
 (string)   -iodf input-output data format
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 SPP        input : dual-pol SPP    output : dual-pol SPP
 C2         input : covariance C2   output : covariance C2
```

---

create_null_file.exe

```
Parameters:
 (string)   -of   output null file
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
```

Optional Parameters:
```
 (noarg)    -help displays this message
```

---

create_pauli_rgb_cce_file.exe

Parameters:
```
 (string)   -id   input directory
 (string)   -of   output RGB BMP file
 (string)   -iodf input-output data format
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
 (int)      -auto Automatic color enhancement (1 / 0)
 if automatic = 0
 (float)    -minb blue channel : min value
 (float)    -maxb blue channel : max value
 (float)    -minr red channel : min value
 (float)    -maxr red channel : max value
 (float)    -ming green channel : min value
 (float)    -maxg green channel : max value
```

Optional Parameters:
```
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2          input : quad-pol S2     output : quad-pol S2
 C3          input : covariance C3   output : covariance C3
 T3          input : coherency T3    output : coherency T3
 C4          input : covariance C4   output : covariance C4
 T4          input : coherency T4    output : coherency T4
```

---

create_pauli_rgb_file.exe

Parameters:
```
 (string)   -id   input directory
 (string)   -of   output RGB BMP file
 (string)   -iodf input-output data format
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
 (int)      -auto Automatic color enhancement (1 / 0)
 if automatic = 0
 (float)    -minb blue channel : min value
```

```
 (float)    -maxb blue channel : max value
 (float)    -minr red channel : min value
 (float)    -maxr red channel : max value
 (float)    -ming green channel : min value
 (float)    -maxg green channel : max value

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

S2	input : quad-pol S2	output : quad-pol S2
C3	input : covariance C3	output : covariance C3
T3	input : coherency T3	output : coherency T3
C4	input : covariance C4	output : covariance C4
T4	input : coherency T4	output : coherency T4

---

create_pauli_rgb_file_T4.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -of   output RGB BMP file
 (string)   -ch   master = 1, slave = 2
 (string)   -rgbf RGB format : RGB1 or RGB2
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

---

create_pauli_rgb_file_T6.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -of   output RGB BMP file
 (string)   -ch   master = 1, slave = 2
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col

Optional Parameters:
```

```
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

---

create_polar0_hsv_file.exe

Parameters:

```
 (string)   -id   input directory
 (string)   -of   output HSV BMP file
 (int)      -inc  Initial Number of Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
```

Optional Parameters:

```
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

---

create_polar1_hsv_file.exe

Parameters:

```
 (string)   -id   input directory
 (string)   -of   output HSV BMP file
 (int)      -inc  Initial Number of Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
```

Optional Parameters:

```
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

---

create_polar2_hsv_file.exe

Parameters:

```
 (string)   -id   input directory
 (string)   -of   output HSV BMP file
 (int)      -inc  Initial Number of Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
```

Optional Parameters:

```
 (string)   -mask mask file (valid pixels)
```

```
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
```

---

create_rgb_cce_file.exe

Parameters:

```
 (string)  -ifb  input binary file: blue channel
 (string)  -ifr  input binary file: red channel
 (string)  -ifg  input binary file: green channel
 (string)  -of   output RGB BMP file
 (int)     -inc  Initial Number of Col
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (int)     -auto Automatic color enhancement (1 / 0)
 if automatic = 0
 (float)   -minb blue channel : min value
 (float)   -maxb blue channel : max value
 (float)   -minr red channel : min value
 (float)   -maxr red channel : max value
 (float)   -ming green channel : min value
 (float)   -maxg green channel : max value
```

Optional Parameters:

```
 (string)  -mask mask file (valid pixels)
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
```

---

create_rgb_cce_file_SPPIPPC2.exe

Parameters:

```
 (string)  -id   input directory
 (string)  -of   output RGB BMP file
 (string)  -iodf input-output data format
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (string)  -rgbf RGB format : RGB1 or RGB2
 (int)     -auto Automatic color enhancement (1 / 0)
 if automatic = 0
 (float)   -minb blue channel : min value
 (float)   -maxb blue channel : max value
 (float)   -minr red channel : min value
 (float)   -maxr red channel : max value
 (float)   -ming green channel : min value
 (float)   -maxg green channel : max value
```

Optional Parameters:

```
 (string)  -mask mask file (valid pixels)
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
```

```
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 SPP         input : dual-pol SPP    output : dual-pol SPP
 C2          input : covariance C2   output : covariance C2
 T2          input : coherency T2    output : coherency T2
 IPP         input : intensities IPP output : intensities IPP
```

---

create_rgb_file.exe

Parameters:

```
 (string)   -ifb  input binary file: blue channel
 (string)   -ifr  input binary file: red channel
 (string)   -ifg  input binary file: green channel
 (string)   -of   output RGB BMP file
 (int)      -inc  Initial Number of Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
 (int)      -auto Automatic color enhancement (1 / 0)
 if automatic = 0
 (float)    -minb blue channel : min value
 (float)    -maxb blue channel : max value
 (float)    -minr red channel : min value
 (float)    -maxr red channel : max value
 (float)    -ming green channel : min value
 (float)    -maxg green channel : max value
```

Optional Parameters:

```
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

---

create_rgb_file_SPPIPPC2.exe

Parameters:

```
 (string)   -id   input directory
 (string)   -of   output RGB BMP file
 (string)   -iodf input-output data format
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
 (string)   -rgbf RGB format : RGB1 or RGB2
 (int)      -auto Automatic color enhancement (1 / 0)
```

```
 if automatic = 0
 (float)    -minb blue channel : min value
 (float)    -maxb blue channel : max value
 (float)    -minr red channel : min value
 (float)    -maxr red channel : max value
 (float)    -ming green channel : min value
 (float)    -maxg green channel : max value
```

Optional Parameters:

```
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 SPP         input : dual-pol SPP    output : dual-pol SPP
 C2          input : covariance C2   output : covariance C2
 IPP         input : intensities IPP output : intensities IPP
```

---

create_rgb_file_Stokes.exe

Parameters:

```
 (string)   -id   input directory
 (string)   -of   output BMP file
 (string)   -iodf input-output data format
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
 (int)      -auto Automatic color enhancement (1 / 0)
 if automatic = 0
 (float)    -minb blue channel : min value
 (float)    -maxb blue channel : max value
 (float)    -minr red channel : min value
 (float)    -maxr red channel : max value
 (float)    -ming green channel : min value
 (float)    -maxg green channel : max value
```

Optional Parameters:

```
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 SPP         input : dual-pol SPP    output : dual-pol SPP
 C2          input : covariance C2   output : covariance C2
```

---

create_rgb_kml_file.exe

Parameters:

```
 (string)  -id   input directory
 (string)  -ofb  output blue file
 (string)  -ofg  output green file
 (string)  -ofr  output red file
 (string)  -ift  input data format
 (string)  -oft  output data format
 (int)     -nc   Number of Col
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
```

Optional Parameters:

```
 (noarg)   -help displays this message
```

---

create_scatterplot.exe

Parameters:

```
 (string)  -ifbX input binary file X
 (string)  -iftX input text file X
 (string)  -ifbY input binary file Y
 (string)  -iftY input text file Y
 (string)  -ofb  output binary file
 (string)  -oft  output text file
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
```

Optional Parameters:

```
 (noarg)   -help displays this message
```

---

create_scatterplot_borders.exe

Parameters:

```
 (string)  -ifbX input binary file X
 (string)  -iftX input text file X
 (string)  -ifbY input binary file Y
 (string)  -iftY input text file Y
 (string)  -ofb  output binary file
 (string)  -oft  output text file
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (string)  -bord Border Type (HAlpha, HA, AAlpha, HAlphaDual)
```

Optional Parameters:

```
 (noarg)   -help displays this message
```

create_sinclair_rgb_cce_file.exe

```
Parameters:
 (string)  -id   input directory
 (string)  -of   output RGB BMP file
 (string)  -iodf input-output data format
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (int)     -auto Automatic color enhancement (1 / 0)
 if automatic = 0
 (float)   -minb blue channel : min value
 (float)   -maxb blue channel : max value
 (float)   -minr red channel : min value
 (float)   -maxr red channel : max value
 (float)   -ming green channel : min value
 (float)   -maxg green channel : max value

Optional Parameters:
 (string)  -mask mask file (valid pixels)
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
 (noarg)   -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2         input : quad-pol S2     output : quad-pol S2
 C3         input : covariance C3   output : covariance C3
 T3         input : coherency T3    output : coherency T3
 C4         input : covariance C4   output : covariance C4
 T4         input : coherency T4    output : coherency T4
```

create_sinclair_rgb_file.exe

```
Parameters:
 (string)  -id   input directory
 (string)  -of   output RGB BMP file
 (string)  -iodf input-output data format
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (int)     -auto Automatic color enhancement (1 / 0)
 if automatic = 0
 (float)   -minb blue channel : min value
 (float)   -maxb blue channel : max value
 (float)   -minr red channel : min value
 (float)   -maxr red channel : max value
```

```
 (float)    -ming green channel : min value
 (float)    -maxg green channel : max value

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2          input : quad-pol S2     output : quad-pol S2
 C3          input : covariance C3   output : covariance C3
 T3          input : coherency T3    output : coherency T3
 C4          input : covariance C4   output : covariance C4
 T4          input : coherency T4    output : coherency T4
```

---

create_sinclair_rgb_file_T6.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -of   output RGB BMP file
 (string)   -ch   master = 1, slave = 2
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

---

create_tiff24_file.exe

```
Parameters:
 (string)   -if   binary input file
 (string)   -of   output TIFF file
 (string)   -ift  input data format (cmplx, float, int)
 (string)   -oft  output data format (real, imag, mod, pha, db10, db20)
 (string)   -clm  ColorMap (gray, grayrev, jet, jetinv, jetrev, hsv,
hsvinv, hsvrev)
 (int)      -nc   Number of Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
 (int)      -mm   Min-Max determination (0,1,2,3)
 (float)    -min  Value of the Minimum
```

```
 (float)   -max  Value of the Maximum

Optional Parameters:
 (string)  -mask mask file (valid pixels)
 (noarg)   -help displays this message
```

---

create_tomo_display.exe

```
Parameters:
 (string)  -ifb  input data binary file
 (string)  -ift  input data text file
 (string)  -igf  input ground binary file
 (string)  -itf  input top binary file
 (string)  -ofb  output binary file
 (string)  -oft  output text file
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col

Optional Parameters:
 (noarg)   -help displays this message
```

---

extract_bmp_colormap.exe

```
Parameters:
 (string)  -if   input BMP file
 (string)  -ofh  output header file
 (string)  -ofd  output data file
 (string)  -ofd24 output data 24bits file
 (string)  -ofcm output BMP ColorMap file
 (string)  -ofcb output BMP ColorBar file
 (string)  -ocf  output ColorMap file

Optional Parameters:
 (noarg)   -help displays this message
```

---

extract_bmp_size.exe

```
Parameters:
 (string)  -if   input BMP file
 (string)  -of   output header file

Optional Parameters:
 (noarg)   -help displays this message
```

MinMaxBMP.exe

```
Parameters:
 (string)  -if   binary input file
 (string)  -of   output file
```

```
 (string)   -ift  input data format (cmplx, float, int)
 (string)   -oft  output data format (real, imag, mod, pha, db10, db20)
 (int)      -nc   Number of Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (noarg)    -help displays this message
```

---

minmax_hsv_cce_file.exe

```
Parameters:
 (string)   -ifh  input binary file: hue channel
 (string)   -ifv  input binary file: val channel
 (string)   -ifs  input binary file: sat channel
 (string)   -of   output file
 (int)      -inc  Initial Number of Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

---

minmax_hsv_file.exe

```
Parameters:
 (string)   -ifh  input binary file: hue channel
 (string)   -ifv  input binary file: val channel
 (string)   -ifs  input binary file: sat channel
 (string)   -of   output RGB BMP file
 (int)      -inc  Initial Number of Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

---

minmax_pauli_rgb_cce_file.exe

Parameters:

```
 (string)  -id   input directory
 (string)  -of   output file
 (string)  -iodf input-output data format
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
```

Optional Parameters:

```
 (string)  -mask mask file (valid pixels)
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
 (noarg)   -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2         input : quad-pol S2     output : quad-pol S2
 C3         input : covariance C3   output : covariance C3
 T3         input : coherency T3    output : coherency T3
 C4         input : covariance C4   output : covariance C4
 T4         input : coherency T4    output : coherency T4
```

---

minmax_pauli_rgb_file.exe

Parameters:

```
 (string)  -id   input directory
 (string)  -of   output file
 (string)  -iodf input-output data format
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
```

Optional Parameters:

```
 (string)  -mask mask file (valid pixels)
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
 (noarg)   -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2         input : quad-pol S2     output : quad-pol S2
 C3         input : covariance C3   output : covariance C3
 T3         input : coherency T3    output : coherency T3
 C4         input : covariance C4   output : covariance C4
 T4         input : coherency T4    output : coherency T4
```

minmax_rgb_cce_file.exe

Parameters:
```
 (string)  -ifb  input binary file: blue channel
 (string)  -ifr  input binary file: red channel
 (string)  -ifg  input binary file: green channel
 (string)  -of   output file
 (int)     -inc  Initial Number of Col
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
```

Optional Parameters:
```
 (string)  -mask mask file (valid pixels)
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
```

---

minmax_pauli_rgb_cce_file.exe

Parameters:
```
 (string)  -id   input directory
 (string)  -of   output file
 (string)  -iodf input-output data format
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (string)  -rgbf RGB format : RGB1 or RGB2
```

Optional Parameters:
```
 (string)  -mask mask file (valid pixels)
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
 (noarg)   -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 SPP        input : dual-pol SPP    output : dual-pol SPP
 C2         input : covariance C2   output : covariance C2
 IPP        input : intensities IPP output : intensities IPP
```

---

minmax_rgb_file.exe

Parameters:
```
 (string)  -ifb  input binary file: blue channel
```

```
 (string)   -ifr  input binary file: red channel
 (string)   -ifg  input binary file: green channel
 (string)   -of   output file
 (int)      -inc  Initial Number of Col
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
```

---

minmax_pauli_rgb_file.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -of   output file
 (string)   -iodf input-output data format
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
 (string)   -rgbf RGB format : RGB1 or RGB2

Optional Parameters:
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

```
Polarimetric Input-Output Data Format

 SPP         input : dual-pol SPP    output : dual-pol SPP
 C2          input : covariance C2   output : covariance C2
 IPP         input : intensities IPP output : intensities IPP
```

---

minmax_rgb_file_Stokes.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -of   output file
 (string)   -iodf input-output data format
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
```

Optional Parameters:
```
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 SPP         input : dual-pol SPP    output : dual-pol SPP
 C2          input : covariance C2   output : covariance C2
```

---

minmax_sinclair_rgb_cce_file.exe

Parameters:
```
 (string)   -id   input directory
 (string)   -of   output file
 (string)   -iodf input-output data format
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
```

Optional Parameters:
```
 (string)   -mask mask file (valid pixels)
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2          input : quad-pol S2     output : quad-pol S2
 C3          input : covariance C3   output : covariance C3
 T3          input : coherency T3    output : coherency T3
 C4          input : covariance C4   output : covariance C4
 T4          input : coherency T4    output : coherency T4
```

---

minmax_sinclair_rgb_file.exe

Parameters:
```
 (string)   -id   input directory
 (string)   -of   output file
 (string)   -iodf input-output data format
 (int)      -ofr  Offset Row
```

```
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
```

Optional Parameters:

```
 (string)  -mask mask file (valid pixels)
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
 (noarg)   -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2         input : quad-pol S2     output : quad-pol S2
 C3         input : covariance C3   output : covariance C3
 T3         input : coherency T3    output : coherency T3
 C4         input : covariance C4   output : covariance C4
 T4         input : coherency T4    output : coherency T4
```

---

prepare_scatterplot.exe

Parameters:

```
 (string)  -if   input binary file
 (string)  -obf  output binary file
 (string)  -otf  output text file
 (string)  -ift  input data format (cmplx, float, int)
 (string)  -oft  output data format (real, imag, mod, pha, db10, db20)
 (int)     -nc   Number of Col
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (int)     -mm   Min-Max determination (0,1,2,3)
 (float)   -min  Value of the Minimum
 (float)   -max  Value of the Maximum
```

Optional Parameters:

```
 (string)  -mask mask file (valid pixels)
 (noarg)   -help displays this message
```

---

prepare_tomo_display.exe

Parameters:

```
 (string)  -if   input binary file
 (string)  -obf  output binary file
 (string)  -otf  output text file
 (string)  -ift  input data format (cmplx, float, int)
 (string)  -oft  output data format (real, imag, mod, pha, db10, db20)
 (int)     -nc   Number of Col
 (int)     -ofr  Offset Row
```

```
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (int)     -mm   Min-Max determination (0,1,2,3,4)
 (float)   -min  Value of the Minimum
 (float)   -max  Value of the Maximum

Optional Parameters:
 (string)  -mask mask file (valid pixels)
 (noarg)   -help displays this message
```

---

recreate_bmp.exe

```
Parameters:
 (string)  -ifh  input header file
 (string)  -ifd  input data file
 (string)  -oft  output tmp file
 (string)  -ifcm input BMP ColorMap file
 (string)  -ofcb output BMP ColorBar file

Optional Parameters:
 (noarg)   -help displays this message
```

---

rgb24_to_bmp8.exe

```
Parameters:
 (string)  -if   input 24bit RGB file
 (string)  -ofb  output binary data file
 (string)  -ofc  output BMP ColorMap file

Optional Parameters:
 (noarg)   -help displays this message
```