apply_mask_valid_pixels.exe

Parameters:
```
 (string)   -bf   input/output binary data file
 (string)   -mf   mask file
 (int)      -iodf input-output data format (2= int, 4=float, 6=cmplx)
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
```

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

check_binary_data_file.exe

Parameters:
```
 (string)   -if   input data file
 (string)   -of   output file
 (string)   -ss   sensor (terrasarx)
 (int)      -inc  Final Number of Col
```

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

check_data_file_cmplx.exe

Parameters:
```
 (string)   -if   input 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
```

check_data_file_float.exe

Parameters:
```
 (string)   -if   input 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
```

---

check_data_file_int.exe

```
Parameters:
 (string)   -if   input 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
```

---

cmplx_extract_roi.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -od   output directory
 (string)   -if   input file
 (string)   -of   output file
 (string)   -rf   input ROI 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
```

---

cmplx_tools.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -od   output directory
 (string)   -if   input file
 (string)   -of   output file
 (string)   -op   operation (ieee, extract, rot90l, rot90r, rot180,
fliplr, flipud, transp)
 (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
```

---

cmplx_tools_FFT.exe

Parameters:
```
 (string)  -id   input directory
 (string)  -od   output directory
 (string)  -if   input 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
 (int)     -nfft Nfft
 (int)     -ifft Input FFT shift (1=yes, 0=no)
 (int)     -offt Output FFT shift (1=yes, 0=no)
```

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

---

cmplx_tools_mask.exe

Parameters:
```
 (string)  -id   input directory
 (string)  -od   output directory
 (string)  -if   input file
 (string)  -of   output file
 (string)  -mf   input mask 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
```

---

compare_binary_data.exe

Parameters:
```
 (string)  -if1  input data file 1
 (string)  -if2  input data file 2
 (string)  -of   output file
 (string)  -idf  input data format (int, float, cmplx)
 (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:
```
 (noarg)   -help displays this message
```

---

compare_binary_data_file.exe

Parameters:

```
 (string)   -if1  input data file 1
 (string)   -if2  input data file 2
 (string)   -of   output file
 (string)   -idf  input data format (int, float, cmplx)
 (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:
 (noarg)    -help displays this message
```

---

create_mask_file.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -od   output directory
 (string)   -af   input area file
 (string)   -mf   output mask file

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

---

create_mask_roi_file.exe

```
Parameters:
 (string)   -id   input directory
 (string)   -af   input area file
 (string)   -mfb  output mask bin file
 (string)   -mft  output mask txt file

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

---

create_mask_valid_pixels.exe

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

Optional Parameters:
 (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
 C2          input : covariance C2   output : covariance C2
 C3          input : covariance C3   output : covariance C3
 C4          input : covariance C4   output : covariance C4
 T3          input : coherency T3    output : coherency T3
 T4          input : coherency T4    output : coherency T4
 T6          input : coherency T6    output : coherency T6
 SPP         input : dual-pol SPP    output : dual-pol SPP
 IPP         input : intensities IPP output : intensities IPP
```

---

float_extract_roi.exe

Parameters:

```
 (string)  -id   input directory
 (string)  -od   output directory
 (string)  -if   input file
 (string)  -of   output file
 (string)  -rf   input ROI 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
```

---

float_tools.exe

Parameters:

```
 (string)  -id   input directory
 (string)  -od   output directory
 (string)  -if   input file
 (string)  -of   output file
 (string)  -op   operation (ieee, extract, rot90l, rot90r, rot180,
fliplr, flipud, transp)
 (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
```

---

float_tools_mask.exe

Parameters:

```
 (string)  -id   input directory
```

```
 (string)  -od   output directory
 (string)  -if   input file
 (string)  -of   output file
 (string)  -mf   input mask 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
```

---

int_tools.exe

```
Parameters:
 (string)  -id   input directory
 (string)  -od   output directory
 (string)  -if   input file
 (string)  -of   output file
 (string)  -op   operation (ieee, extract, rot90l, rot90r, rot180,
fliplr, flipud, transp)
 (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
```

---

mapinfo_config_file.exe

```
Parameters:
 (string)  -id   input MapReady dir
 (string)  -if   input hdr file
 (string)  -ss   sensor name
 (string)  -pp   polar type (full, pp1, pp2, pp3)

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

---

mapready_batchcontrol.exe

```
Parameters:
 (string)  -if   input MapReady batch process file name

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

---

mapready_check_file.exe

Parameters:
```
 (string)  -if   input MapReady file name
 (string)  -of   output tmp file
```

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

---

mapready_google_file.exe

Parameters:
```
 (string)  -if   input MapReady overlay file name
 (string)  -od   output directory
```

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

NEST_batch_config_file.exe

Parameters:
```
 (string)  -ob   output NEST batch process config file name
 (string)  -od   output NEST batch output directory
 (string)  -ilf  input leader file
 (string)  -img  image resampling method
 (string)  -dms  DEM type
 if DEM type = external
 (string)  -dmf  DEM file
 (string)  -dmr  DEM resampling method
 (int)     -sdm  save DEM file (0/1)
 (int)     -sia  save incidence angle file (0/1)
 (int)     -spi  save projected incidence angle file (0/1)
 (float)   -pix  pixel size
 (string)  -ipf  input parameter file name
 (string)  -ipn  input parameter name
 (int)     -mrgi input multilook in range
 (int)     -mazi input multilook in azimut
 (int)     -mrgo output multilook in range
 (int)     -mazo output multilook in azimut
 (string)  -rad  radiometric correction type
```

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

NEST_batch_control.exe

Parameters:
```
 (string)  -if   input NEST batch process file name
```

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

NEST_convert_ieee.exe

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

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

NEST_google_file.exe

Parameters:
```
 (string)  -od   output NEST dir
 (string)  -if   input data file
```

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

NEST_mapinfo_config_file.exe

Parameters:
```
 (string)  -id   input NEST dir
 (string)  -if   input hdr file
 (string)  -ss   sensor name
 (string)  -pp   polar type (full, pp1, pp2, pp3)
```

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

---

read_binary_data_file_value.exe

Parameters:
```
 (string)  -if   input data file
 (string)  -of   output file
 (string)  -idf  input data format (int, float, cmplx)
 (int)     -inc  Initial Number of Col
 (int)     -ir   Row
 (int)     -ic   Col
```

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

---

repair_data_file_cmplx.exe

Parameters:
```
 (string)  -if   input 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
```

---

repair_data_file_float.exe

```
Parameters:
 (string)  -if   input 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
```

---

repair_data_file_float.exe

```
Parameters:
 (string)  -if   input 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
```

S1TBX_batch_config_file.exe

```
Parameters:
 (string)  -ob   output S1TBX batch process config file name
 (string)  -od   output S1TBX batch output directory
 (string)  -ilf  input leader file
 (string)  -img  image resampling method
 (string)  -dms  DEM type
 if DEM type = external
 (string)  -dmf  DEM file
 (string)  -dmr  DEM resampling method
 (int)     -sdm  save DEM file (0/1)
 (int)     -sia  save incidence angle file (0/1)
 (int)     -spi  save projected incidence angle file (0/1)
 (float)   -pix  pixel size
 (string)  -ipf  input parameter file name
 (string)  -ipn  input parameter name
 (int)     -mrgi input multilook in range
 (int)     -mazi input multilook in azimut
```

```
 (int)     -mrgo output multilook in range
 (int)     -mazo output multilook in azimut
 (string)  -rad  radiometric correction type

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

S1TBX_batch_control.exe

```
Parameters:
 (string)  -if   input NEST batch process file name

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

S1TBX_convert_ieee.exe

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

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

S1TBX_google_file.exe

```
Parameters:
 (string)  -od   output S1TBX dir
 (string)  -if   input data file

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

S1TBX_mapinfo_config_file.exe

```
Parameters:
 (string)  -id   input S1TBX dir
 (string)  -if   input hdr file
 (string)  -ss   sensor name
 (string)  -pp   polar type (full, pp1, pp2, pp3)

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