

### airsar\_convert.exe

```
Parameters:
 (string) -if
                input file
 (string)
          -od output directory
 (string) -odf output data format
          -nr
 (int)
                Number of Row
 (int)
          -nc Number of Col
          -ofr Offset Row
 (int)
 (int)
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
          -fnc Final Number of Col
 (int)
                input PSP config file
 (string) -cf
          -nlr Nlook Row (1 = no multi-looking)
 (int)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
           -ssc Sub-sampling Col (1 = no subsampling)
 (int)
Optional Parameters:
 (int)
          -mem Allocated memory for blocksize determination (in Mb)
 (string) -errf memory error file
          -help displays this message
 (noarg)
           -data displays the help concerning Data Format parameter
 (noarg)
```

# Usage:

```
Polarimetric Output Data Format
C3 output : covariance C3
T3 output : coherency T3
```

# airsar\_convert\_SLC.exe

```
Parameters:
```

```
input file
(string) -if
(string) -od output directory
(string) -odf output data format
         -nr Number of Row
(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)
              input PSP config file
(string) -cf
         -nlr Nlook Row (1 = no multi-looking)
(int)
         -nlc Nlook Col (1 = no multi-looking)
(int)
         -ssr Sub-sampling Row (1 = no subsampling)
(int)
         -ssc Sub-sampling Col (1 = no subsampling)
(int)
```

```
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 Output Data Format
     output : quad-pol S2
 S2
 C3
     output : covariance C3
     output : coherency T3
 T3
airsar convert V6 SLC.exe
Parameters:
          -if1 input data file: s11.bin
 (string)
 (string) -if2 input data file: s12.bin
 (string) -if3 input data file: s21.bin
 (string) -if4 input data file: s22.bin
 (string) -od output directory
 (string) -odf output data format
          -nr Number of Row
 (int)
 (int)
          -nc Number of Col
          -ofr Offset Row
 (int)
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
          -fnc Final Number of Col
 (int)
 (string) -cf
                input PSP config file
 (int)
          -nlr Nlook Row (1 = no multi-looking)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
          -iee IEEE data convert (no: 0, yes: 1)
 (int)
          -sym symmetrisation (no: 0, yes: 1)
 (int)
Optional Parameters:
          -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
 (noarg)
          -help displays this message
 (noarg)
          -data displays the help concerning Data Format parameter
Usage:
Polarimetric Output Data Format
 S2
     output : quad-pol S2
```

```
C3
    output : covariance C3
C4
    output : covariance C4
Т3
    output : coherency T3
```

#### airsar header.exe

```
Parameters:

(string) -idf input data file

(string) -ocf output config file

(string) -ohf output header file

(string) -opf output parameter file

(string) -okf output calibration file

(string) -odf output DEM file

(string) -pro processor

(string) -df data format

Optional Parameters:

(int) -mem Allocated memory for blocksize determination (in Mb)

(string) -errf memory error file

(noarg) -help displays this message
```

# alos2\_google.exe

```
Parameters:
  (string) -if input file
  (string) -od output directory
  (string) -of output google file

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

#### alos2\_header.exe

```
Parameters:

(string) -od output directory
(string) -ilf input leader file
(string) -iif input image file
(string) -itf input trailer file
(string) -ocf output PolSARpro config file

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

# alos\_convert\_11.exe

```
Parameters:
(string) -if1 input data file: s11.bin
(string) -if2 input data file: s12.bin
(string) -if3 input data file: s21.bin
(string) -if4 input data file: s22.bin
(string) -od output directory
```

```
(string) -odf output data format
 (int)
           -nr Number of Row
 (int)
           -nc Number of Col
           -ofr Offset Row
 (int)
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
          -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
 (int)
           -sym symmetrisation (no: 0, yes: 1)
 (string) -cf input PSP config file
Optional Parameters:
          -mem Allocated memory for blocksize determination (in Mb)
 (string) -errf memory error file
          -help displays this message
 (noarg)
         -data displays the help concerning Data Format parameter
 (noarq)
Usage:
Polarimetric Output Data Format
     output : quad-pol S2
 C3
     output : covariance C3
 C4
     output : covariance C4
 Т3
     output : coherency T3
 T4
     output : coherency T4
alos_convert_11_dual.exe
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -od output directory (string) -odf output data format
 (int)
          -nr Number of Row
          -nc Number of Col
 (int)
 (int)
          -ofr Offset Row
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
```

# Optional Parameters:

(int)

(int)

(int)

(int)

(int) -mem Allocated memory for blocksize determination (in Mb)

-fnc Final Number of Col

(string) -cf input PSP config file
(string) -pp polar type (pp1, pp2, pp3)

-nlr Nlook Row (1 = no multi-looking)

-nlc Nlook Col (1 = no multi-looking)

-ssr Sub-sampling Row (1 = no subsampling)
-ssc Sub-sampling Col (1 = no subsampling)

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

#### Usage:

```
Polarimetric Output Data Format
SPP output : dual-pol SPP
SPPC2 output : covariance C2
```

output : intensities IPP

# alos\_convert\_11\_uncal.exe

```
Parameters:
```

SPPIPP

```
(string) -if1 input data file: s11.bin
(string) -if2 input data file: s12.bin
(string) -if3 input data file: s21.bin
(string) -if4 input data file: s22.bin
(string) -od output directory
(string) -odf output data format
         -nr Number of Row
(int)
(int)
         -nc Number of Col
         -ofr Offset Row
(int)
(int)
         -ofc Offset Col
         -fnr Final Number of Row
(int)
         -fnc Final Number of Col
(int)
         -nlr Nlook Row (1 = no multi-looking)
(int)
         -nlc Nlook Col (1 = no multi-looking)
(int)
         -ssr Sub-sampling Row (1 = no subsampling)
(int)
         -ssc Sub-sampling Col (1 = no subsampling)
(int)
(int)
         -sym symmetrisation (no: 0, yes: 1)
(string) -cf input PSP config file
```

### 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 Output Data Format S2 output : quad-pol S2

C3 output : covariance C3

C4 output : covariance C4

T3 output : coherency T3

T4 output : coherency T4
```

#### alos\_convert\_15.exe

```
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -if3 input data file: s21.bin (string) -if4 input data file: s22.bin
 (string) -od output directory
 (int)
           -nr
                 Number of Row
           -nc Number of Col
 (int)
 (int)
           -ofr Offset Row
           -ofc Offset Col
 (int)
           -fnr Final Number of Row
 (int)
           -fnc Final Number of Col
 (int)
           -nlr Nlook Row (1 = no multi-looking)
 (int)
 (int)
           -nlc Nlook Col (1 = no multi-looking)
           -ssr Sub-sampling Row (1 = no subsampling)
 (int)
 (int)
           -ssc Sub-sampling Col (1 = no subsampling)
 (string) -cf
                 input PSP config file
Optional Parameters:
           -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string)
           -errf memory error file
           -help displays this message
 (noarg)
```

### alos\_convert\_15\_dual.exe

```
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -od output directory
          -nr Number of Row
 (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)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
 (string) -cf
                input PSP config file
 (string) -pp
                polar type (pp5, pp6, pp7)
Optional Parameters:
          -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
          -help displays this message
 (noarg)
 (noarg)
          -data displays the help concerning Data Format parameter
```

```
Parameters:
 (string) -if
                 input file
 (string) -od output directory
                output google file
 (string) -of
Optional Parameters:
 (noarg)
          -help displays this message
alos_header.exe
Parameters:
 (string) -od output directory
 (string) -ilf input leader file
(string) -iif input image file
(string) -itf input trailer file
(string) -ocf output PolSARpro config file
Optional Parameters:
          -help displays this message
alos_vex_convert.exe
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -if3 input data file: s21.bin
 (string) -if4 input data file: s22.bin
 (string) -od output directory
 (string) -odf output data format
          -nr Number of Row
 (int)
 (int)
          -nc Number of Col
          -ofr Offset Row
 (int)
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
          -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
          -sym symmetrisation (no: 0, yes: 1)
 (int)
          -iee IEEE data convert (no: 0, yes: 1)
 (int)
Optional Parameters:
          -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 Output Data Format S2 output : quad-pol S2
```

```
C4
     output : covariance C4
 Т3
     output : coherency T3
     output : coherency T4
 T4
alos_vex_convert_dual.exe
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -od output directory
 (string) -odf output data format
          -nr Number of Row
 (int)
 (int)
          -nc Number of Col
          -ofr Offset Row
 (int)
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
          -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
          -iee IEEE data convert (no: 0, yes: 1)
 (int)
 (string) -pp polar type (pp1, pp2, pp3)
Optional Parameters:
          -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
 (noarg)
          -help displays this message
 (noarg)
          -data displays the help concerning Data Format parameter
Usage:
Polarimetric Output Data Format
 SPP
           output : dual-pol SPP
 SPPC2
           output : covariance C2
 SPPIPP
           output : intensities IPP
```

#### alos\_vex\_google.exe

C3

output : covariance C3

```
Parameters:
  (string) -if input file
  (string) -od output directory
  (string) -of output google file

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

#### convair\_convert.exe

```
Parameters:
 (string)
          -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
          -if3 input data file: s21.bin
-if4 input data file: s22.bin
 (string)
 (string)
 (string) -od
                output directory
 (string) -odf output data format
 (int)
           -nr
                 Number of Row
 (int)
           -nc
                 Number of Col
           -ofr Offset Row
 (int)
           -ofc Offset Col
 (int)
           -fnr Final Number of Row
 (int)
           -fnc Final Number of Col
 (int)
 (int)
           -nlr Nlook Row (1 = no multi-looking)
           -nlc Nlook Col (1 = no multi-looking)
 (int)
 (int)
           -ssr Sub-sampling Row (1 = no subsampling)
 (int)
           -ssc Sub-sampling Col (1 = no subsampling)
 (int)
           -iee IEEE data convert (no: 0, yes: 1)
 (int)
           -sym symmetrisation (no: 0, yes: 1)
Optional Parameters:
           -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
           -help displays this message
 (noarg)
 (noarg)
           -data displays the help concerning Data Format parameter
Usage:
Polarimetric Output Data Format
     output : quad-pol S2
S2
```

```
C3
    output : covariance C3
C4
    output : covariance C4
Т3
    output : coherency T3
    output : coherency T4
T4
```

# create\_gearth\_poly.exe

# Parameters:

```
(string) -of
               output file
        -lac latitude center
(float)
(float)
         -loc longitude center
(float)
         -la00 latitude top left
(float)
         -lo00 longitude top left
(float)
          -la0N latitude top right
(float)
         -lo0N longitude top right
(float)
         -laN0 latitude bottom left
         -loN0 longitude bottom left
(float)
```

```
-laNN latitude bottom right
 (float)
 (float)
          -loNN longitude bottom right
Optional Parameters:
 (noarg)
          -help displays this message
csk_config.exe
Parameters:
 (string) -if input header tmp
 (string) -ocf output config file
 (string) -ogf output google file
 (string) -od output directory
Optional Parameters:
 (noarg)
          -help displays this message
csk_convert_dual.exe
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -od output directory
 (string) -odf output data format
          -nr Number of Row
 (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)
          -nlr Nlook Row (1 = no multi-looking)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
           -ssc Sub-sampling Col (1 = no subsampling)
 (int)
          -iee IEEE data convert (no: 0, yes: 1)
 (int)
 (string) -pp polar type (pp1, pp2, pp3)
Optional Parameters:
          -mem Allocated memory for blocksize determination (in Mb)
 (string) -errf memory error file
          -help displays this message
 (noarg)
 (noarg)
          -data displays the help concerning Data Format parameter
Usage:
Polarimetric Output Data Format
```

SPPC2 output : dual-pol SPP

SPPC2 output : covariance C2

SPPIPP output : intensities IPP

#### emisar\_convert\_MLK.exe

```
Parameters:
 (string) -if1 input data file: C11.bin
 (string) -if2 input data file: C12.bin
 (string) -if3 input data file: C13.bin
 (string) -if4 input data file: C22.bin
 (string) -if5 input data file: C23.bin
 (string) -if6 input data file: C33.bin
 (string) -od output directory
(string) -odf output data format
          -nr Number of Row
 (int)
 (int)
           -nc Number of Col
 (int)
          -ofr Offset Row
 (int)
           -ofc Offset Col
           -fnr Final Number of Row
 (int)
           -fnc Final Number of Col
 (int)
           -nlr Nlook Row (1 = no multi-looking)
 (int)
 (int)
           -nlc Nlook Col (1 = no multi-looking)
           -ssr Sub-sampling Row (1 = no subsampling)
 (int)
 (int)
           -ssc Sub-sampling Col (1 = no subsampling)
 (int)
           -iee IEEE data convert (no: 0, yes: 1)
Optional Parameters:
 (int)
           -mem Allocated memory for blocksize determination (in Mb)
 (string) -errf memory error file
           -help displays this message
 (noarg)
 (noarg)
           -data displays the help concerning Data Format parameter
Usage:
Polarimetric Output Data Format
     output : covariance C3
 Т3
     output : coherency T3
```

# emisar\_convert\_SLC.exe

```
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -if3 input data file: s21.bin
 (string) -if4 input data file: s22.bin
 (string) -od output directory
 (string) -odf output data format
          -nr
                Number of Row
 (int)
 (int)
          -nc Number of Col
 (int)
          -ofr Offset Row
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
          -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
```

```
-ssc Sub-sampling Col (1 = no subsampling)
 (int)
           -iee IEEE data convert (no: 0, yes: 1)
 (int)
 (int)
           -sym symmetrisation (no: 0, yes: 1)
Optional Parameters:
 (int)
        -mem Allocated memory for blocksize determination (in Mb)
 (string) -errf memory error file
 (noarg) -help displays this message
        -data displays the help concerning Data Format parameter
 (noarg)
Usage:
Polarimetric Output Data Format
     output : quad-pol S2
```

```
Polarimetric Output Data Forma S2 output : quad-pol S2

C3 output : covariance C3

C4 output : covariance C4

T3 output : coherency T3

T4 output : coherency T4
```

#### esar\_convert.exe

```
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -if3 input data file: s21.bin
 (string) -if4 input data file: s22.bin
 (string) -od output directory
 (string) -odf output data format
 (int)
          -nr Number of Row
 (int)
          -nc Number of Col
 (int)
          -ofr Offset Row
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
          -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
          -iee IEEE data convert (no: 0, yes: 1)
          -sym symmetrisation (no: 0, yes: 1)
 (int)
 (int)
          -hdr data header to be skipped (no: 0, yes: 1)
Optional Parameters:
      -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
 (noarg) -help displays this message
        -data displays the help concerning Data Format parameter
 (noarq)
```

# Usage:

```
S2
     output : quad-pol S2
 C3
     output : covariance C3
 C4
     output : covariance C4
 Т3
     output : coherency T3
 T4
     output : coherency T4
esar_convert_gtc.exe
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -if3 input data file: s21.bin
 (string) -if4 input data file: s22.bin
 (string) -od output directory
 (string) -odf output data format
 (int)
          -nr Number of Row
          -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)
 (int)
          -nlr Nlook Row (1 = no multi-looking)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
           -iee IEEE data convert (no: 0, yes: 1)
 (int)
 (int)
           -sym symmetrisation (no: 0, yes: 1)
 (int)
          -hdr data header to be skipped (no: 0, yes: 1)
Optional Parameters:
 (int) -mem Allocated memory for blocksize determination (in Mb)
 (string) -errf memory error file
         -help displays this message
 (noarq)
          -data displays the help concerning Data Format parameter
 (noarq)
Usage:
Polarimetric Output Data Format
     output : quad-pol S2
 C3
     output : covariance C3
 C4
     output : covariance C4
 Т3
     output : coherency T3
 T4
     output : coherency T4
```

Polarimetric Output Data Format

### esar\_header.exe

```
Parameters:
  (string) -if input file
  (string) -of output file
  (int) -iee IEEE data convert (no: 0, yes: 1)

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

#### extract\_dem\_1.exe

```
Parameters:
 (string) -od output directory
 (string) -if
                input file
 (float) -la00 latitude top left
 (float) -lo00 longitude top left
 (float) -la0N latitude top right
         -lo0N longitude top right
 (float)
 (float)
         -laN0 latitude bottom left
 (float)
         -loN0 longitude bottom left
          -laNN latitude bottom right
 (float)
 (float)
          -loNN longitude bottom right
Optional Parameters:
 (noarg) -help displays this message
```

### extract\_dem\_2.exe

```
Parameters:
 (string) -od output directory
 (string) -if1
                   input file 1
 (string) -if2
                     input file 2
 (float)
          -la00 latitude top left
 (float)
          -lo00 longitude top left
 (float) -la0N latitude top right
 (float) -loON longitude top right
 (float) -laN0 latitude bottom left
          -loN0 longitude bottom left
 (float)
 (float)
          -laNN latitude bottom right
           -loNN longitude bottom right
 (float)
 (int)
          -cfg Config (0 = TopBottom / 1 = LeftRight)
Optional Parameters:
 (noarg) -help displays this message
```

#### extract\_dem\_4.exe

```
Parameters:
  (string) -od output directory
  (string) -if1 input file 1 : Top Left
  (string) -if2 input file 2 : Top Right
```

```
input file 3 : Bottom Left
 (string) -if3
 (string) -if4
                      input file 4 : Bottom Right
 (float)
          -la00 latitude top left
          -lo00 longitude top left
 (float)
 (float)
          -la0N latitude top right
 (float) -lo0N longitude top right
         -laN0 latitude bottom left
 (float)
 (float)
         -loN0 longitude bottom left
 (float)
          -laNN latitude bottom right
 (float)
          -loNN longitude bottom right
Optional Parameters:
 (noarg)
          -help displays this message
```

#### fsar\_config.exe

```
Parameters:

(string) -ifl input product file
(string) -if2 input data hdr file
(string) -ocf output config file
(string) -ogf output google file
(string) -od output directory

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

#### fsar\_convert.exe

```
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -if3 input data file: s21.bin
 (string) -if4 input data file: s22.bin
 (string) -msk input mask file
 (string) -inc input incidence angle file
 (string) -od output directory
 (string) -odf output data format
         -nr Number of Row
 (int)
 (int)
          -nc Number of Col
          -ofr Offset Row
 (int)
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
          -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
 (int)
          -sym symmetrisation (no: 0, yes: 1)
          -hdr data header to be skipped (nb of bytes)
 (int)
Optional Parameters:
 (int)
          -mem Allocated memory for blocksize determination (in Mb)
 (string) -errf memory error file
 (noarg) -help displays this message
```

#### Usage:

C4

Т3

Т4

output : covariance C4

output : coherency T3

output : coherency T4

```
Polarimetric Output Data Format
     output : quad-pol S2
 C3
     output : covariance C3
 C4
     output : covariance C4
 Т3
     output : coherency T3
 T4
     output : coherency T4
pisar convert MGPC.exe
Parameters:
          -if input data file
 (string)
 (string) -od output directory
 (string) -odf output data format
                Number of Row
 (int)
           -nr
                Number of Col
 (int)
          -nc
 (int)
          -ofr Offset Row
          -ofc Offset Col
 (int)
 (int)
          -fnr Final Number of Row
          -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
           -ssr Sub-sampling Row (1 = no subsampling)
 (int)
 (int)
           -ssc Sub-sampling Col (1 = no subsampling)
 (int)
           -iee IEEE data convert (no: 0, yes: 1)
 (int)
          -sym symmetrisation (no: 0, yes: 1)
Optional Parameters:
          -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
          -help displays this message
 (noarq)
 (noarg)
           -data displays the help concerning Data Format parameter
Usage:
Polarimetric Output Data Format
     output : quad-pol S2
 C3
     output : covariance C3
```

# pisar\_convert\_MGPSSC.exe

```
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -if3 input data file: s21.bin
 (string) -if4 input data file: s22.bin
 (string) -od output directory
 (string) -odf output data format
 (int)
          -nr
                Number of Row
          -nc
                Number of Col
 (int)
 (int)
          -ofr Offset Row
 (int)
          -ofc Offset Col
          -fnr Final Number of Row
 (int)
 (int)
          -fnc Final Number of Col
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
 (int)
          -iee IEEE data convert (no: 0, yes: 1)
 (int)
          -sym symmetrisation (no: 0, yes: 1)
 (int)
          -off Offset
Optional Parameters:
          -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
 (noarg)
          -help displays this message
 (noarg)
          -data displays the help concerning Data Format parameter
Usage:
Polarimetric Output Data Format
     output : quad-pol S2
 C3
     output : covariance C3
 C4
     output : covariance C4
     output : coherency T3
 Т3
 T4
     output : coherency T4
```

#### pisar\_header.exe

```
Parameters:
  (string) -if input file
  (string) -of output file
  (string) -df PISAR data format (MGPC/MGPSSC)
  (int) -iee IEEE data convert (no: 0, yes: 1)

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

#### radarsat2\_convert.exe

```
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -if3 input data file: s21.bin
 (string) -if4 input data file: s22.bin
 (string) -od output directory
 (string) -odf output data format
          -nr
 (int)
                Number of Row
          -nc
                Number of Col
 (int)
 (int)
          -ofr Offset Row
 (int)
          -ofc Offset Col
          -fnr Final Number of Row
 (int)
 (int)
          -fnc Final Number of Col
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
 (int)
          -iee IEEE data convert (no: 0, yes: 1)
          -sym symmetrisation (no: 0, yes: 1)
 (int)
 (string) -lut Lut file
Optional Parameters:
          -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
 (noarg)
          -help displays this message
 (noarg)
          -data displays the help concerning Data Format parameter
Usage:
Polarimetric Output Data Format
     output : quad-pol S2
 C3
     output : covariance C3
 C4
     output : covariance C4
     output : coherency T3
 Т3
 T4
     output : coherency T4
```

#### radarsat2\_convert\_dual.exe

```
Parameters:

(string) -if1 input data file: s11.bin
(string) -if2 input data file: s12.bin
(string) -od output directory
(string) -odf output data format
(int) -nr Number of Row
(int) -nc Number of Col
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
```

```
-fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
          -iee IEEE data convert (no: 0, yes: 1)
 (int)
 (string) -pp polar type (pp1, pp2, pp3)
 (string) -lut Lut file
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 Output Data Format SPP output: dual-pol SPP

SPPC2 output : covariance C2

SPPIPP output : intensities IPP

### radarsat2\_google.exe

```
Parameters:
  (string) -id input directory
  (string) -of output google file

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

# radarsat2\_header.exe

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

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

#### radarsat2\_lut.exe

```
Parameters:
(string) -id input directory
(int) -nc Final Number of Col

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

#### read\_gearth\_poly.exe

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

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

# risat\_convert\_11.exe

```
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -if3 input data file: s21.bin
 (string) -if4 input data file: s22.bin
 (string) -ifa input incidence angle file
 (string) -od output directory
(string) -odf output data format
          -nr Number of Row
 (int)
          -nc Number of Col
 (int)
 (int)
          -ofr Offset Row
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
           -fnc Final Number of Col
 (int)
           -nlr Nlook Row (1 = no multi-looking)
 (int)
           -nlc Nlook Col (1 = no multi-looking)
 (int)
 (int)
           -ssr Sub-sampling Row (1 = no subsampling)
 (int)
           -ssc Sub-sampling Col (1 = no subsampling)
           -sym symmetrisation (no: 0, yes: 1)
 (int)
 (string) -cf input PSP config file
Optional Parameters:
 (int)
        -mem Allocated memory for blocksize determination (in Mb)
 (string) -errf memory error file
 (noarg) -help displays this message
          -data displays the help concerning Data Format parameter
 (noarg)
```

#### Usage:

```
Polarimetric Output Data Format S2 output : quad-pol S2

C3 output : covariance C3

C4 output : covariance C4

T3 output : coherency T3

T4 output : coherency T4
```

### risat\_convert\_11\_dual.exe

```
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -ifa input incidence angle file
 (string) -od output directory
 (string) -odf output data format
 (int)
           -nr Number of Row
           -nc Number of Col
 (int)
           -ofr Offset Row
-ofc Offset Col
 (int)
 (int)
           -fnr Final Number of Row
 (int)
           -fnc Final Number of Col
 (int)
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
           -nlc Nlook Col (1 = no multi-looking)
           -ssr Sub-sampling Row (1 = no subsampling)
 (int)
           -ssc Sub-sampling Col (1 = no subsampling)
 (int)
                 input PSP config file
 (string) -cf
 (string) -pp polar type (pp1, pp2, pp3)
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 Output Data Format
 SPP
           output : dual-pol SPP
 SPPC2
           output : covariance C2
           output : intensities IPP
```

### risat\_google.exe

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

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

#### risat header.exe

```
Parameters:
(string) -ilf input leader file
(string) -iif input image file
(string) -ocf output PolSARpro config file
```

### Optional Parameters:

# risat\_inc\_angle\_extract.exe

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

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

#### risat\_inc\_angle\_extract.exe

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

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

# sentinel1\_convert\_dual.exe

Parameters:

```
(string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
(string) -od output directory (string) -odf output data format
 (int)
          -nr Number of Row
          -nc Number of Col
 (int)
 (int)
          -ofr Offset Row
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
          -fnc Final Number of Col
 (int)
           -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
 (int)
          -iee IEEE data convert (no: 0, yes: 1)
 (string) -pp polar type (pp1, pp2, pp3)
Optional Parameters:
          -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
 (noarg) -help displays this message
 (noarg)
          -data displays the help concerning Data Format parameter
```

# Usage:

```
output : dual-pol SPP
 SPPC2
           output : covariance C2
 SPPIPP
           output : intensities IPP
sentinel1_convert_dual_all.exe
Parameters:
                input header file
 (string) -if
 (string) -td tmp directory
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -od output directory
 (string) -odf output data format
          -ofr Offset Row
 (int)
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
          -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
          -iee IEEE data convert (no: 0, yes: 1)
 (int)
 (string) -pp polar type (pp1, pp2, pp3)
Optional Parameters:
          -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
 (noarg)
          -help displays this message
 (noarg)
          -data displays the help concerning Data Format parameter
Usage:
Polarimetric Output Data Format
 SPP
           output : dual-pol SPP
           output : covariance C2
 SPPC2
 SPPIPP
           output : intensities IPP
sentinel1_google.exe
Parameters:
```

```
(string) -if input header file
(string) -of output config file
(string) -od output directory
(int) -bn burst number

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

Polarimetric Output Data Format

### sentinel1\_header.exe

```
Parameters:
  (string) -if input header file
  (string) -of output config file
  (int) -bn burst number

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

#### sentinel1\_mask\_all.exe

```
Parameters:
  (string) -if input header file
  (string) -of output mask file
  (int) -nlr Nlook Row (1 = no multi-looking)
  (int) -nlc Nlook Col (1 = no multi-looking)
  (int) -ssr Sub-sampling Row (1 = no subsampling)
  (int) -ssc Sub-sampling Col (1 = no subsampling)

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

# sentinel1\_product\_preview.exe

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

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

#### sethi\_convert.exe

```
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -if3 input data file: s21.bin
 (string) -if4 input data file: s22.bin
          -od output directory-odf output data format
 (string)
 (string)
 (int)
           -nr Number of Row
           -nc Number of Col
 (int)
 (int)
          -ofr Offset Row
 (int)
           -ofc Offset Col
 (int)
           -fnr Final Number of Row
           -fnc Final Number of Col
 (int)
           -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
```

```
(int)    -ssr Sub-sampling Row (1 = no subsampling)
(int)    -ssc Sub-sampling Col (1 = no subsampling)
(int)    -iee IEEE data convert (no: 0, yes: 1)
(int)    -sym symmetrisation (no: 0, yes: 1)

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 Output Data Format S2 output : quad-pol S2

C3 output : covariance C3

C4 output : covariance C4

T3 output : coherency T3

T4 output : coherency T4
```

### sirc\_convert.exe

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

```
(string) -od output directory
(string) -odf output data format
 (int)
          -nr Number of Row
          -nc Number of Col
 (int)
          -ofr Offset Row
 (int)
 (int)
          -ofc Offset Col
          -fnr Final Number of Row
 (int)
          -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
 (string) -cf
                input PSP config file
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 Output Data Format
C3 output : covariance C3
T3 output : coherency T3
```

#### sirc\_convert\_dual.exe

```
Parameters:
 (string) -if
                input data file
 (string) -od output directory
 (string) -odf output data format
          -nr
 (int)
                Number of Row
                Number of Col
 (int)
          -nc
          -ofr Offset Row
 (int)
 (int)
          -ofc Offset Col
          -fnr Final Number of Row
 (int)
          -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
           -nlc Nlook Col (1 = no multi-looking)
 (int)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
 (string) -cf
                input PSP config file
Optional Parameters:
 (int)
          -mem Allocated memory for blocksize determination (in Mb)
 (string) -errf memory error file
 (noarq)
          -help displays this message
          -data displays the help concerning Data Format parameter
 (noarg)
Usage:
Polarimetric Output Data Format
    output : covariance C2
sirc_convert_SLC.exe
Parameters:
 (string) -if
                input data file
 (string) -od output directory
 (string) -odf output data format
 (int)
          -nr Number of Row
 (int)
          -nc Number of Col
          -ofr Offset Row
 (int)
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
           -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
           -ssc Sub-sampling Col (1 = no subsampling)
```

# Optional Parameters:

(string) -cf

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

-sym symmetrisation (no: 0, yes: 1)
-cf input PSP config file

#### Usage:

Polarimetric Output Data Format

```
output : quad-pol S2
 C3
     output : covariance C3
 C4
     output : covariance C4
 Т3
     output : coherency T3
 T4
     output : coherency T4
sirc convert SLC dual.exe
Parameters:
 (string) -if input data file
 (string) -od output directory
 (string) -odf output data format
          -nr Number of Row
 (int)
                Number of Col
 (int)
          -nc
 (int)
          -ofr Offset Row
          -ofc Offset Col
 (int)
 (int)
          -fnr Final Number of Row
          -fnc Final Number of Col
 (int)
 (string) -cf
                input PSP config file
          -nlr Nlook Row (1 = no multi-looking)
 (int)
           -nlc Nlook Col (1 = no multi-looking)
 (int)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
Optional Parameters:
 (int) -mem Allocated memory for blocksize determination (in Mb)
 (string) -errf memory error file
 (noarg) -help displays this message
          -data displays the help concerning Data Format parameter
 (noarq)
Usage:
Polarimetric Output Data Format
 SPP output : dual-pol SPP
 SPPC2
           output : covariance C2
 SPPIPP
          output : intensities IPP
```

### sirc\_header.exe

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

```
(string) -od output directory
(string) -pro processing run number
(string) -ocf output PolSARpro config file

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

#### terrasarx\_convert\_ssc\_dual.exe

```
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -od output directory
 (string) -odf output data format (int) -nr Number of Row
 (int)
           -nc
                Number of Col
 (int)
           -ofr Offset Row
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
          -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
           -ssr Sub-sampling Row (1 = no subsampling)
 (int)
           -ssc Sub-sampling Col (1 = no subsampling)
 (int)
 (string) -pp polar type (pp1, pp2, pp3)
                input PSP config file
 (string) -cf
 (int)
           -bpc Bistatic polarimetric correction
Optional Parameters:
          -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
 (noarg) -help displays this message
 (noarg)
          -data displays the help concerning Data Format parameter
```

# **Usage:**

```
Polarimetric Output Data Format
SPP output: dual-pol SPP
SPPC2 output: covariance C2
SPPIPP output: intensities IPP
```

#### terrasarx\_convert\_mgd\_gec\_eec\_dual.exe

```
Parameters:

(string) -if1 input data file: s11.bin
(string) -if2 input data file: s12.bin
(string) -od output directory
(int) -nr Number of Row
(int) -nc Number of Col
(int) -ofr Offset Row
(int) -ofc Offset Col
```

```
-fnr Final Number of Row
 (int)
          -fnc Final Number of Col
 (int)
 (int)
          -nlr Nlook Row (1 = no multi-looking)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
 (string) -cf input PSP config file
 (string) -pp polar type (pp5, pp6, pp7)
Optional Parameters:
          -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
 (noarg) -help displays this message
          -data displays the help concerning Data Format parameter
 (noarg)
```

#### terrasarx convert ssc dual.exe

```
Parameters:
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -od output directory
(string) -odf output data format
          -nr Number of Row
 (int)
          -nc
               Number of Col
 (int)
 (int)
          -ofr Offset Row
          -ofc Offset Col
 (int)
 (int)
          -fnr Final Number of Row
          -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
 (string) -pp polar type (pp1, pp2, pp3)
 (string) -cf
                input PSP config file
```

### 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 Output Data Format
SPP output: dual-pol SPP
SPPC2 output: covariance C2
SPPIPP output: intensities IPP
```

#### terrasarx\_convert\_ssc\_quad.exe

Parameters:

```
(string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -if3 input data file: s21.bin (string) -if4 input data file: s22.bin
 (string) -od output directory
 (string) -odf output data format
          -nr Number of Row
 (int)
 (int)
          -nc Number of Col
          -ofr Offset Row
 (int)
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
           -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (string) -cf input PSP config file
          -sym symmetrisation (no: 0, yes: 1)
 (int)
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 Output Data Format
     output : quad-pol S2
C3
     output : covariance C3
     output : covariance C4
C4
```

#### terrasarx\_google.exe

Т3

T4

```
Parameters:
  (string) -id input directory
  (string) -of output google file

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

output : coherency T3

output : coherency T4

### topsar\_CBandDEM.exe

```
Parameters:
  (string) -if input data file
  (string) -hf input header file
  (string) -od output directory
```

#### topsar\_CBandVV.exe

```
Parameters:

(string) -if input data file
(string) -hf input header file
(string) -od output directory
(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
```

### topsar\_corr\_coeff\_map.exe

```
Parameters:
 (string) -if input data file
 (string) -hf input header file
 (string) -od output directory
 (int)
         -nc Number of Col
         -ofr Offset Row
 (int)
         -ofc Offset Col
 (int)
         -fnr Final Number of Row
 (int)
         -fnc Final Number of Col
 (int)
Optional Parameters:
        -help displays this message
 (noarg)
```

# topsar\_header.exe

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

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

```
Parameters:
 (string) -if
                input data file
 (string) -hf
                input header file
 (string) -od output directory
 (int)
          -nc Number of Col
          -ofr Offset Row
 (int)
          -ofc Offset Col
 (int)
          -fnr Final Number of Row
 (int)
          -fnc Final Number of Col
 (int)
Optional Parameters:
          -help displays this message
 (noarq)
```

#### uavsar\_convert\_dem.exe

```
Parameters:
 (string) -hf UAVSAR header file
 (string) -if input DEM data file
 (string) -od output directory
          -inr Initial Number of Row
 (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)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
Optional Parameters:
 (int)
          -mem Allocated memory for blocksize determination (in Mb)
 (string) -errf memory error file
          -help displays this message
 (noarg)
```

# uavsar\_convert\_MLC.exe

```
Parameters:
 (string) -hf
                 UAVSAR header file
 (string) -if1 input data file HHHH
 (string) -if2 input data file HHHV
 (string) -if3 input data file HHVV
 (string) -if4 input data file HVHV (string) -if5 input data file HVVV
 (string) -if6 input data file VVVV
 (string) -od output directory
 (string) -odf output data format
 (int)
           -inr Initial Number of Row
           -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)
 (int)
          -nlr Nlook Row (1 = no multi-looking)
```

```
-nlc Nlook Col (1 = no multi-looking)
 (int)
 (int)
           -ssr Sub-sampling Row (1 = no subsampling)
 (int)
           -ssc Sub-sampling Col (1 = no subsampling)
Optional Parameters:
        -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
 (noarg) -help displays this message
         -data displays the help concerning Data Format parameter
 (noarg)
Usage:
Polarimetric Output Data Format
     output : covariance C3
 Т3
     output : coherency T3
uavsar_convert_SLC.exe
Parameters:
 (string) -hf UAVSAR header file
 (string) -if1 input data file: s11.bin
 (string) -if2 input data file: s12.bin
 (string) -if3 input data file: s21.bin
 (string) -if4 input data file: s22.bin
 (string) -od output directory
 (string) -odf output data format
          -inr Initial Number of Row
 (int)
          -inc Initial Number of Col
 (int)
          -ofr Offset Row
 (int)
          -ofc Offset Col
 (int)
 (int)
          -fnr Final Number of Row
          -fnc Final Number of Col
 (int)
          -nlr Nlook Row (1 = no multi-looking)
 (int)
          -nlc Nlook Col (1 = no multi-looking)
 (int)
          -ssr Sub-sampling Row (1 = no subsampling)
 (int)
          -ssc Sub-sampling Col (1 = no subsampling)
 (int)
          -sym symmetrisation (no: 0, yes: 1)
 (int)
Optional Parameters:
        -mem Allocated memory for blocksize determination (in Mb)
 (int)
 (string) -errf memory error file
```

-data displays the help concerning Data Format parameter

#### Usage:

(noarq)

Polarimetric Output Data Format S2 output : quad-pol S2
C3 output : covariance C3
C4 output : covariance C4

(noarg) -help displays this message

```
T3 output : coherency T3
```

T4 output : coherency T4

# uavsar\_header.exe

### Parameters:

```
(string) -hf UAVSAR header file
(string) -id input directory
(string) -od output directory
(string) -df data format (slc/mlc/grd)
(string) -tf PSP tmp file
```

# Optional Parameters:

(noarg) -help displays this message