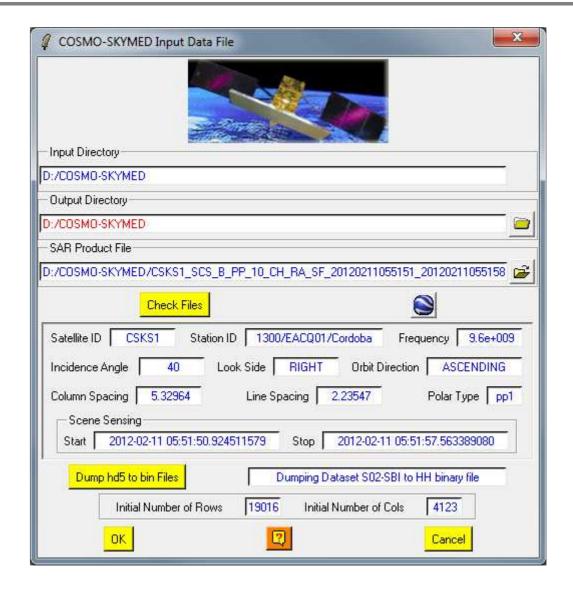# COSMOS-SKYMED (CSK) Input Data File

Description:

This program sets and configures the main characteristics of the Input Data Files in order to convert polarimetric data sets encoded using the COSMOS-SKYMED (CSK) specific data format to PolSARpro compatible binary data.

Comments:

Parameters written in Red can be modified directly by the user from the keyboard.

Input/Output Arguments:

Input Directory   Indicates the location of the considered **Main Directory (MD)** containing the COSMOS-SKYMED data file to be converted.

Output Directory	Indicates the location of the converted data output directory
SAR Product File	Correspond to an COSMOS-SKYMED meta data file (hd5)

Check Files:

From the input COSMOS-SKYMED meta data file, this functionality automatically extracts different acquisition parameters

If Google Earth application is installed on the machine, users have the possibility to visualize the footprint of the measured scene.

Dump HD5 to bin files:

Extract and decode polarimetric binary datasets from HD5 data format to bin data format

Initial Number of Rows/Columns:

The image numbers of rows and columns are initialised to the input data set dimensions.