

# EARTH OBSERVATION MISSION CFI SOFTWARE

## Release Notes –Version 4.9.1

### 1 INTRODUCTION

Version 4.9.1 is a maintenance release required to resolve anomalies listed in section 5.

### 2 USER SUPPORT

For any question related to the usage of the EOCFI or to report a problem, please contact:

**EOCFI Software Support Team**

**email: [cfi@eopp.esa.int](mailto:cfi@eopp.esa.int)**

### 3 RELEASE DESCRIPTION

#### 3.1 Software

The following table lists the released libraries, their version and issue date:

Library Name	Version	Issue Date
File Handling	4.9.1	5 June 2015
Data Handling	4.9.1	5 June 2015
Lib	4.9.1	5 June 2015
Orbit	4.9.1	5 June 2015
Pointing	4.9.1	5 June 2015
Visibility	4.9.1	5 June 2015
EECommon (*)	4.9.1	5 June 2015

(\*) only C++ and JAVA APIs

The core API of the above libraries is written in C and provides an API for C, C++ and JAVA.

The libraries installation packages are available for download at the following URL (registration required):

<http://eop-cfi.esa.int/index.php/mission-cfi-software/eocfi-software/branch-4-x/eocfi-v4x-download>

## 3.2 Documentation

**Please Note: no changes w.r.t. v4.9. Release Notes of v4.9 can be found at:**

[http://eop-cfi.esa.int/Repo/PUBLIC/DOCUMENTATION/CFI/EOCFI/BRANCH\\_4X/4.9/EOCFI-4.9-ReleaseNotes.pdf](http://eop-cfi.esa.int/Repo/PUBLIC/DOCUMENTATION/CFI/EOCFI/BRANCH_4X/4.9/EOCFI-4.9-ReleaseNotes.pdf)

## 3.3 Supported platforms

**Please Note: no changes w.r.t. v4.9. Release Notes of v4.9 can be found at:**

[http://eop-cfi.esa.int/Repo/PUBLIC/DOCUMENTATION/CFI/EOCFI/BRANCH\\_4X/4.9/EOCFI-4.9-ReleaseNotes.pdf](http://eop-cfi.esa.int/Repo/PUBLIC/DOCUMENTATION/CFI/EOCFI/BRANCH_4X/4.9/EOCFI-4.9-ReleaseNotes.pdf)

## 3.4 Installation Packages

The CFI libraries are provided as zip packages:

API	Package Name	MD5 Checksum
C	EOCFI-4.9.1-CLIB-LINUX32_LEGACY.zip	81a2e0b1846163c061a8a1760f183c40
C	EOCFI-4.9.1-CLIB-LINUX64.zip	c9d6fbe3fa424c11ad2370976be12e0f
C	EOCFI-4.9.1-CLIB-LINUX64_LEGACY.zip	60f6cee44fbaebb3d5cd00bda96d7793
C	EOCFI-4.9.1-CLIB-MACIN64.zip	e5a41b149560e86b979d1673b5c5d6bc
C	EOCFI-4.9.1-CLIB-WINDOWS.zip	528c3708be9c1559bdb5df6f62583792
C++	EOCFI-4.9.1-CPPLIB-LINUX32_LEGACY.zip	1d79ab89f3f0a0f0fee575cb36764356
C++	EOCFI-4.9.1-CPPLIB-LINUX64.zip	46be7a379d634b54e0a89b0c2f7092d9
C++	EOCFI-4.9.1-CPPLIB-LINUX64_LEGACY.zip	cd8d1bc805e9691ac92e6fe81b28f9d6
C++	EOCFI-4.9.1-CPPLIB-MACIN64.zip	7f4e6378b8b6f26adc8d8f034abf4bbe
C++	EOCFI-4.9.1-CPPLIB-WINDOWS_DLL.zip (*)	268a471fd643e80c848202d04d9572b9
C++	EOCFI-4.9.1-CPPLIB-WINDOWS_STA.zip (**)	fd530b330e82b6cb6cd100da4a4de0ef
JAVA	EOCFI-4.9.1-JAVALIB-LINUX32_LEGACY.zip	b983fc97d44df4488afe9ce2ac3bff25
JAVA	EOCFI-4.9.1-JAVALIB-LINUX64.zip	31ea78f532d6d2ef7e461805935072fb
JAVA	EOCFI-4.9.1-JAVALIB-LINUX64_LEGACY.zip	c9a3b7b9dfb02361b34446077b59b834
JAVA	EOCFI-4.9.1-JAVALIB-MACIN64.zip	39aa6233b2f2298ba87612c118811adc
JAVA	EOCFI-4.9.1-JAVALIB-WINDOWS.zip	81d670cfd657c7cc7b9b42718043e017

(\*) Dynamic libraries (DLLs)

(\*\*) Static libraries

DEM datasets are distributed separately and are available for download at the following URL:

<http://eop-cfi.esa.int/index.php/mission-cfi-software/eocfi-software/support-files>

ASTER GDEM is available for download here: <http://asterweb.jpl.nasa.gov/gdem.asp>

## 3.5 Installation Hints

**Please Note: no changes w.r.t. v4.9. Release Notes of v4.9 can be found at:**

[http://eop-cfi.esa.int/Repo/PUBLIC/DOCUMENTATION/CFI/EOCFI/BRANCH\\_4X/4.9/EOCFI-4.9-ReleaseNotes.pdf](http://eop-cfi.esa.int/Repo/PUBLIC/DOCUMENTATION/CFI/EOCFI/BRANCH_4X/4.9/EOCFI-4.9-ReleaseNotes.pdf)

## 4 NEW FEATURES

None.

## 5 SOLVED PROBLEMS

The following Anomalies have been solved:

ANR Id	Description
609	Issue with computation of DEM Intersection at high latitudes <i>(this issue has been reported by the Sentinel-3 IPF team)</i>
608	Target::targetReflected: invalid memory reference / segmentation fault

## 6 PROBLEMS

The updated list of known issues that will be resolved in a future release can be found at the following URL:

<http://eop-cfi.esa.int/index.php/mission-cfi-software/eocfi-software/branch-4-x/known-issues-branch-4>