

ENVISAT MISSION CFI SOFTWARE1

Release Notes – Version 5.9.1

1. RELEASE CHANGE LOG

1.1 Bug Fixes

- ENVCFI-ANR-0139: Adjusted maximum number of steps used in high accuracy ray tracing (pp_target)

2. RELEASE CONTENTS

2.1 Distribution Packages

This delivery is composed of all Envisat CFI Libraries, but limited to the following list of platforms:

CFI Library	SW Package	Supported Platform	Version Number	Date
ppf_lib	Envisat CFI	LINUX64	5.9.1	24/09/2020
ppf_orbit	Envisat CFI	LINUX64	5.9.1	24/09/2020
ppf_pointing	Envisat CFI	LINUX64	5.9.1	24/09/2020
ppf_genref	Envisat CFI	LINUX64	5.9.1	24/09/2020
ppf_visibility	Envisat CFI	LINUX64	5.9.1	24/09/2020

The supported platforms for this release are:

- PC un Linux 64bit (The source code has been compiled under Ubuntu 18.04, using C compiler gcc 4.4.7)

The CFI libraries are provided in different formats depending on the platform. The Linux64 distribution package is provided in a compressed (gzip) archive:

- ENVISATCFI_5_9_1_LINUX64.tar.gz (md5: 8d3e7b9947d2df3b6de45f69057fb3dd)

2.2 Documentation

The references for the applicable Software User Manuals (unchanged from release 5.9) are:

Title	Reference	Issue	Date
PPF_LIB Software User Manual	PO-IS-DMS-GS-0557	5.9	30/05/2011
PPF_ORBIT Software User Manual	PO-IS-DMS-GS-0558	5.9	30/05/2011
PPF_POINTING Software User Manual	PO-IS-DMS-GS-0559	5.9	30/05/2011
PPG_GENREF Software User Manual	PO-IS-DMS-GS-0609	5.9	30/05/2011
PPF_VISIBILITY Software User Manual	PO-IS-DMS-GS-0560	5.9	30/05/2011
GENERAL Software User Manual	PO-IS-DMS-GS-0556	5.9	30/05/2011

3. KNOWN PROBLEMS

See section “Known Problems” at the end of each of the SUMs to check limitations of the current release.

To report any problems or questions contact the helpdesk: cfi@eopp.esa.int