

THALES



DEBRISK

Edition	: 01	Date	: 21/03/2025
Révision	: 00	Date	: 21/03/2025

RELEASE NOTE DEBRISK

1. VERSION HISTORY

1.1. VERSION V03.06.01

Correction of minor anomalies from previous version:

- Correcting the content of <globalResult>/<impactMass>
- Suppressed undesired low speed multipliers previously introduced
- Correcting minor points concerning documents delivery in previous version
- Fixed the display of the last point concerning C_b = constant

1.2. VERSION V03.06

Correction of minor anomalies from previous versions:

- Handling of problem with ZIP file in case the generation of the KML is failing
- Warning message when Java version not compatible with Debrisk is used
- Removal of SpacecraftMass variable in time dependant output (Tecplo) file.
- Correction in output file: when object is ablated the values (such as impact energy) are set to 0

New functionalities:

- Removal of the constant C_D option
- Addition of a constant ballistic coefficient option, deactivated by default. The C_b remains constant at value at creation of the object.
- A more flexible handling of the orbit definition allowing transformations between orbit definition

1.3. VERSION V03.05.02

Correction of minor anomalies from previous versions:

- Typos in some User interface labels.
- Problem displaying complex shapes in 3D viewer.

1.4. VERSION V03.05.01

Correction of minor anomalies from previous versions:

- Improvement of the detection of the final step of ablation of small objects.
- User interface minor corrections.
- Reordering of some tags of the XML configuration file.

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Release Note

- Typos in documentation, especially in the User Manual.

New functionalities:

- Update of *PATRIUS* and *Log4J* dependencies to newest versions.
- User interface usability improvements.
- Modification of default initial altitudes in the *Entry Conditions* panel.
- Addition of license to the *About* window.

1.5. VERSION V03.05

Correction of minor anomalies from previous versions:

- Addition of the *azimuth* to the output plots.
- Typos in documentation.

New functionalities:

- Update of *PATRIUS* and *Log4J* dependencies to newest versions.
- Improvement of the coherence of the parameters in the *Simulation Parameters* panel.

Addition of the computation of the weighted casualty area.