
**Space systems — Avoiding collisions
among orbiting objects**

Systèmes spatiaux — Évitement des collisions entre objets en orbite

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 14, *Space systems and operations*.

This second edition cancels and replaces the first edition (ISO/TR 16158:2013), which has been technically revised.

The main changes compared to the previous edition are as follows:

- improved figures for clarity;
- added plot of maximum probability;
- switched to “decimal comma” per ISO editorial rules;
- simplified operational concepts figures;
- added informative annexes containing collision probability relational nomograms;
- added collision probability topology in both graphical and tabular look-up formats;
- reordered the bibliography.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.