

BS EN 16603-10-04:2015



BSI Standards Publication

Space engineering — Space environment

bsi.

...making excellence a habit.™

National foreword

This British Standard is the UK implementation of EN 16603-10-04:2015. It supersedes BS EN 14092:2002 which is withdrawn.

BSI, as a member of CEN, is obliged to publish EN 16603-10-04 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK committee voted against its approval as a European Standard.

The UK committee are of the opinion that parts of Clause 10 conflict with ISO 14200:2012 which has already been adopted by BSI. In particular, Clause 10 requires the use of ESA's MASTER-2005 space debris and meteoroid flux model, whereas ISO 14200:2012 does not prescribe the use of a particular flux model but sets out a process for selecting and using a model from several that are available.

Further, MASTER-2005 is a relatively old flux model that has since been superseded by MASTER-2009. The UK Committee are of the opinion that ISO 14200:2012 should be used to select a space debris/meteoroid flux model for the purpose of performing an impact risk assessment. ISO 14200:2012 can also be used in conjunction with ISO 16126:2014 which defines two different procedures for analysing impact risk.

The UK participation in its preparation was entrusted to Technical Committee ACE/68, Space systems and operations.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2015.
Published by BSI Standards Limited 2015

ISBN 978 0 580 83404 2

ICS 49.140

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 28 February 2015.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------
