Justification to make

ISO/IEC 10967-1:1994 - Language Independent Arithmetic,
Part 1: Integer and Floating Point Arithmetic

ISO/IEC 10967-2:2001 - Language Independent Arithmetic,
Part 2: Elementary Numerical Functions

ISO/IEC 10967-3:2006 - Language Independent Arithmetic,
Part 3: Complex Floating Point Arithmetic and Complex Elementary Numerical Functions

Freely Available.

The ISO/IEC 10967 series of standards provides a consistent set of specifications for the properties of integer, floating-point and complex datatypes, and the specifications of a number of 'standard' numerical functions on those datatypes. These datatypes and functions are available in a variety of programming languages in common use for mathematical and numerical applications. The aim is to ensure that processing of arithmetic data can be done in a reliable and predictable manner, consistent over different programming languages and systems.

The ISO/IEC 10967 series of standards are so-called *enabling* (or model) standards: by providing the mentioned specifications in a manner independent of programming languages and systems, they make it possible to use one common arithmetic model for different programming environments.
A single product can never conform to ISO/IEC 10967 alone: ISO/IEC 10967 is used by other standards as a basis for their arithmetic operations and functions, so conformance of a product to ISO/IEC 10967 will always be indirect.

In order to maximise the utilisation of ISO/IEC 10967, not only within ISO and IEC, but also in other standardization groups, SC22 requests that it be permitted that the ISO/IEC 10967 standards are freely available.

Due to the nature of ISO/IEC 10967, these standards are *standards for standards writers* rather than *product* standards and making these standards freely available will support the standardization process in general.

Note that other standards from SC 22 WG11 that fall in the same category (ISO/IEC 11404:1996 - Language Independent Datatypes and ISO/IEC 13886:1996 - Language Independent Procedure Calling) are already freely available.