# ISO WG14 / MISRA C Liaison Report

**Venue**:          Kona, Hawaii, USA

**Meeting Date**:  Mon 13 February – Fri 17 February 2012

## MISRA C Working Group Activities

The technical content of the third version of the MISRA C Guidelines has been finalized. The document is undergoing editorial review prior to its release as a draft for public comment. It is anticipated that this release will have been made by the time the WG14 meeting convenes.

Some examples of the significant enhancements over the previous version of the MISRA C Guidelines are:

- Provides guidance for C99 as well as C90;

- Guidelines are classified into "directives", whose interpretation is subjective, and "rules", whose interpretation is intended to be unambiguous;

- Reduction in the number of directives;

- Classification of rules according to their ability to be diagnosed statically and the scope of analysis required to perform such diagnosis;

- Identifies any guidelines whose applicability to automatically-generated code differs from that produced by hand;

- Introduces an *essential type* framework to provide stronger type-checking

## Document Publication Process

The document will remain open for public comment until the end of April 2012. It is anticipated that any changes arising from comments will have been made by the end of August 2012 and that the document will be published in Q4 2012.