ISO WG14 / MISRA C Liaison Report

Venue: BSI, Chiswick, UK

Meeting Date: Mon 14 March – Fri 18 March 2011

MISRA C Working Group Activities

The working group intends to complete a draft of its third version of the MISRA C Guidelines by the end of May 2011.

The vision for this version of the MISRA C Guidelines is:

- Adopt C99 as the base standard but retain guidance for C90 too

    o Deal with C99 new language features (C99-only rules)

    o Rescind, for C99, rules that are now redundant because of changes to the language (C90-only rules)

- Correct known issues with the second version of MISRA C, issued in 2004

- Add new rules for which there is a good rationale

- Improve the rationale for existing rules

- Rescind existing rules for which the rationale is weak

- Increase the number of rules that are amenable to static analysis

- Address automatically-generated C code

Document Publication Process

MISRA is expected to make the draft guidelines available for public review in June 2011. The deadline for submission of comments will be the end of September and it is expected that the document will be ready for publication by March 2012.

MISRA will be inviting applications to be a reviewer from individuals in the next few months.