

Reference Material Updates

FYI, we have begun adding EuroCAE and EUROCONTROL safety documents to our reference material web pages.

ED-153

The title of this publication is "Guidelines for ANS Software Safety Assurance", EuroCAE, August 2009.

For those of you who do not know, "ANS" is the abbreviation for "Air Navigation Service".

If you are familiar with SILs, DALs, SCCs, etc., you will find these guidelines "interesting". They introduce SWALs (i.e., SoftWare Assurance Levels) and include information regarding the SWAL allocation process, and a list of objectives to be satisfied per SWAL.

We identified some problems with ED-153 and, if there is sufficient interest in SWALs and ED-153, we will put together a webinar. We have already introduced the material into our software safety course.

MIL-STD-882D Change 1

Earlier, we reported that this is a work-in-progress.

Chuck Dorney informed us that the latest draft is dated March 29, 2010. Thank you Chuck!

Fault Tree Quality Attributes

Earlier this month, we referred you to our list of fault tree quality attributes.

Industry response has been good. You can see some of the feedback by visiting:

<http://www.hcrq.com/ftqa.html>

Automated to Death

We wish to thank Daniel Dutil for providing us the link to this publication by Robert Charette.

We have the outmost respect for both of these people. Thank you gentlemen.

We are sure that you will enjoy this article.

<http://spectrum.ieee.org/computing/software/automated-to-death/0>

Hyperlinks

Some of our web site visitors reported problems with the contrast between its hyperlinks and the background color of the pages.

We have made a change but will most likely iterate (typical of safety engineers) the color.

IEC 60601-1

Title: Medical Electrical Equipment - Part 1: General Requirements For Safety I: Collateral Standard: Safety Requirements For Medical Electrical Systems

Chuck Sidebottom wrote to us:

"The U.S. FDA recognized the U.S. adoption of IEC 60601-1:2005 and a number of its collateral and particular standards on 10 June 2010. The following are links to the 10 June Federal Register notice and the data sheet for ANSI/AAMI/ES 60601-1:2005. The transition period will last until 30 June 2013.

<http://edocket.access.gpo.gov/2010/2010-13874.htm>

<http://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfStandards/detail.cfm?id=28193>

Thank you Chuck!

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Pending Webinars

- System Safety Management Plans
- System Security Program Plans & Threat & Vulnerability Analysis

If you're interested, keep an eye on our home page for the announcements.

There's Still Room !

Event: System Safety Course

Date: August 16-20, 2020

Venue: Hilton Garden Inn

Location: Williamsburg, VA

Come to this course and enjoy Busch Gardens while you are here!

http://www.hcrq.com/system_safety_course_5day.html

Webinars - Voice Connection

Our overseas clients have been relieved to know that they don't have to call the conference center and incur long distance charges if they have a microphone and speakers/headphones.

IEC 61508-2010 Feedback

Since we have not had contract work which called up this new version of this standard, we are unable to tell you what changed since the previous revision.

We are continuing to look around for a publication or presentation which highlights the differences.

Course/Webinar Schedule

If you have not yet noticed, due to your feedback, we have added a month-by-month schedule.

As a reminder, the following webinars are scheduled within the next 2 weeks:

- Software FTA & Software FMEA - July 26
- O&SHA—July 27
- Estimating the Probabilities of Human Failures—August 2

www.hcrq.com/scheduled_courses.html

LinkedIn

In case you are interested in linking to our course instructor, search for:

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