

PLASA Standards News

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Table of Contents

A Couple of PLASA Draft Standards in Public Review.....	1
Recently Published PLASA Standards.....	2
Event Safety Guide Review & Comment.....	2
Ofcom's Proposed Changes to the Licence Exemption of Wireless Telegraphy Devices.....	3
Comments Sought on ISO Warranties and Contact Centers Proposals.....	3
EC Corporate Social Responsibility Program Funded.....	4
WTO Notifications.....	4
ANSI Public Review Announcements.....	5
Due 5 December 2011.....	6
IEC and ISO Draft International Standards.....	6
New ANS Projects.....	6
Final Actions on American National Standards.....	7
Newly Published ISO & IEC Standards.....	7
TSP Meeting Schedule.....	8

A Couple of PLASA Draft Standards in Public Review

Two documents intended to become American National Standards are available for public review at http://tsp.plasa.org/tsp/documents/public_review_docs.php. In numerical order, the documents available for review are:

Document Title	Description	Review Last Day
BSR E1.6-1 - 201x, Entertainment Technology -- Powered Hoist Systems	This draft American National Standard is a part of the BSR E1.6 powered theatrical rigging systems project. This document, BSR E1.6-1, deals with powered winches that are not serially manufactured electric chain hoists. It is intended to establish requirements for the design, manufacture, inspection, and maintenance of powered hoist systems for lifting and suspending loads in theatres and other places of public assembly.	19 December 2011

Document Title	Description	Review Last Day
BSR E1.25 - 201x, Recommended Basic Conditions For Measuring The Photometric Output Of Stage And Studio Luminaires By Measuring Illumination Levels Produced On A Planar Surface	E1.25 describes the basic conditions for measuring the photometric output of stage and studio luminaires by a variety of testing methods that measure the illumination levels produced by the luminaires on a planar surface. This revised version of the 2006 standard has been rewritten to better support the measurement of luminaires with LED sources.	31 October 2011

Recently Published PLASA Standards

The standards listed below have been published in the last few months. They are available for sale from The ESTA Foundation at <http://www.estafoundation.org/pubs.htm>. Purchases from The ESTA Foundation help support the Foundation's charitable work.

ANSI E1.3 - 2001 (R2011), Entertainment Technology - Lighting Control Systems - 0 to 10V Analog Control Specification, describes a method of controlling equipment by means of an analog control voltage in the nominal range from zero to 10 volts positive, with the controller sourcing the signal current. It is primarily intended for lighting control equipment (controllers and dimmers), but anything that might be controlled by a lighting controller (automated luminaires, strobe lights, fog machines, et cetera) could use this control method, and many do. This edition is a reaffirmation of the previous edition. It contains no substantive changes.

ANSI E1.27-1 - 2006 (R2011), Entertainment Technology - Standard for Portable Control Cables for Use with USITT DMX512/1990 and E1.11 (DMX512-A) Products, is a standard for portable data cable used in USITT DMX512/1990 and ANSI E1.11-2004 lighting control systems. ANSI E1.27-1 standardizes the wiring of the data cable and requires labeling so single data-pair and dual data-pair cables can be distinguished from each other. This edition is a reaffirmation of the 2006 edition. It contains no substantive changes.

ANSI E1.28 – 2011, Guidance on Planning Followspot Positions In Places of Public Assembly, offers guidance on the planning of permanent followspot positions. It offers recommendations on the locations of the followspot positions within the venue, the power likely to be needed, the waste heat generated, the amount of space likely to be needed, and the fall protection and egress issues to be considered for the operators' safety, among other things.

Event Safety Guide Review & Comment

The Event Safety Guide revision has entered the public consultation phase and can be accessed through the Event Industry Forum (EIF) webpage at http://www.eventsindustryforum.co.uk/event_safety_guide/. The closing date for submissions is 11 November 2011.

"The Purple Guide," as *The Event Safety Guide* is more commonly known because the cover is purple, has been used for many years as a guide to health and safety at events. The guide has been revised over the past year, and those revisions are available for download for people to read and to offer comments. There are 18 chapters in the document, covering all aspects of event safety and welfare. PLASA encourages anyone whose work is affected by the guide to read the draft document and to offer comments or indicate omissions before the closing date of 11 November 2011.

In the past the Guide was published by the Health and Safety Executive (HSE) in their guidance documents series and was known as HSG195 (Health and Safety Guidance No 195). However, a strategic shift on communications on the part of HSE has seen the publication of guidance documents cease in favour of online guidance. It is clear that the Event Safety Guide will suffer as a result of this move, as the HSE are not

keen to endorse anything that does not fall within their remit of the Health and Safety at Work Act, such as fire and public welfare. Just how the new guide will be delivered is still not known.

Ofcom's Proposed Changes to the Licence Exemption of Wireless Telegraphy Devices

Ofcom have published a consultation document on their proposals for changes to the licence exemption of Wireless Telegraphy Devices. This document outlines Ofcom's decisions following the 7 April 2011 consultation Licence Exemption of Wireless Telegraphy Devices - Candidates for 2011 (the 2011 Consultation) and consults on draft regulations to implement Ofcom's decisions. Presently under section 8(1) of the Wireless Telegraphy Act 2006 (the WT Act), it is an offence to establish, install or use equipment for wireless telegraphy without holding a licence granted by Ofcom, unless the use of such equipment is exempted. The 2011 Consultation outlined a number of proposals relating to the exemption of wireless telegraphy devices, including:

- Use of personal locator beacons (PLBs) on land;
- Wireless access user equipment in the 3400 to 3800 MHz band;
- Safety related intelligent transport systems (ITS) infrastructure;
- 2 GHz mobile satellite service (MSS) terminals;
- User equipment connecting to the 2012 London Games Tetra (Apollo) Network; and
- Generic Short Range Devices (SRDs) in the 138 MHz band.

The 2011 Consultation also provided information on relevant European Union (EU) legislation that had been adopted or was in the process of being adopted, which requires subsequent changes to Ofcom's exemption regulations. These include:

- Fourth Generation (4G) mobile user equipment (LTE and WiMAX) in the 900 / 1800 MHz band (before 4G services will be available a variation of the mobile operators network licence would also be required);
- Radio spectrum for use by short-range devices; and
- Automotive Short Range Radar at 24 GHz.

Ofcom are serving notice through this document of their intention to make the Wireless Telegraphy (Exemption) (Amendment) Regulations 2011 (the Proposed Regulations), the Wireless Telegraphy (Exemption and Amendment) (No.2) Regulations 2011 (the Proposed SRD Regulations) and the Wireless Telegraphy (Intelligent Transport Systems) (Exemption) Regulations 2011 (the Proposed ITS Regulations). A Regulatory Impact Assessment is included in Annex 5 of this document. Copies of the Proposed Regulations are included in this document at Annex 6, the Proposed SRD Regulations in Annex 7 and the Proposed ITS Regulations in Annex 8.

Comments on these proposed Regulations are invited by 17:00 on 21 November 2011. Subject to consideration of responses and the adoption of the relevant European Union legislation, Ofcom plan to bring the new regulations into force by the end of 2011.

The notice and information about how to respond are available at <http://stakeholders.ofcom.org.uk/binaries/consultations/notice-wireless-telegraphy/summary/main.pdf> and <http://stakeholders.ofcom.org.uk/consultations/notice-wireless-telegraphy/howtorespond/>.

Comments Sought on ISO Warranties and Contact Centers Proposals

The International Organization for Standardization's Committee on Consumer Policy (COPOLCO) has published proposals for the development of two new work items in the areas of consumer warranties and customer contact centers (call centers). Comments are being sought on whether these new work items should be undertaken.

The Consumer Warranties proposed new work item is intended to give producers or sellers of goods and services advice on the requirements for effective warranties when they are provided with their goods and services. The consumer warranties proposal is available at <http://plasa.me/fslco>.

The Customer Contact Centers proposed new work item is to provide guidance for any front-end voice, multi-media, or back-office client/customer interaction with a business process service center. According to the proposal, standards would improve consumer experience and communications with a company, thus benefiting suppliers by increasing brand loyalty, increased staff productivity, effectiveness, and efficiency. The proposal is available at <http://plasa.me/93275>.

US stakeholders should submit their comments on the proposals to Steven P. Cornish, ANSI senior director for international policy, at isot@ansi.org by Friday 18 November 2011. Citizens of other countries should submit their comments through their representatives to the ISO.

EC Corporate Social Responsibility Program Funded

On October 17 European Commission Vice-President Antonio Tajani announced EU funding for a new program to develop guidance on best practices in the integration of social, environmental, and governance considerations into investment decisions. The program also will include a professional development program to help investors integrate social, environmental and governance (ESG) information in their investment decisions. The program will be led by the International Corporate Governance Network and the secretariat of the United Nations Principles for Responsible Investment, together with the European Federation of Financial Analysts Societies, and has (at least as of now) a 12-month timeline for accomplishing its work. More information is available at http://ec.europa.eu/enterprise/newsroom/cf/itemlongdetail.cfm?item_id=5498 and http://ec.europa.eu/enterprise/policies/sustainable-business/files/csr/teaming_up_with_investors_en.pdf.

WTO Notifications

The U.S. Department of Commerce's web-based e-mail subscription service, Notify U.S., recently has announced a few notifications of WTO Technical Barriers to Trade that may be of interest to *Standards News* readers. They are sorted by comment deadline.

Canada Notification CAN/345

Date issued: 19 October 2011

Agency responsible: Department of the Environment ; Department of Health

National inquiry point: Intergovernmental Affairs and Trade, Standards Council of Canada (SCC)

Products covered: Toxic substances

Title: Proposed Order Adding Toxic Substances to Schedule 1 to the Canadian Environmental Protection Act, 1999

Description of content: In 2003, the United Nations Environment Programme (UNEP) Global Mercury Assessment Report (2003) concluded that all forms of mercury (which includes mercury compounds) are "highly toxic substances" that have caused a variety of significant adverse impacts on human health and the environment throughout the world. The scientific evidence provided by the UNEP report is sufficient to conclude that mercury compounds constitute or may constitute a danger to human health or to the environment as per the criteria set out under section 64 of the Canadian Environmental Protection Act, 1999 (CEPA 1999).

The objective of the proposed Order Adding Toxic Substances to Schedule 1 to the Canadian Environmental Protection Act, 1999 (hereinafter referred to as the proposed Order) is to add mercury compounds to the List of Toxic Substances, Schedule 1 to CEPA 1999. The proposed Order made under subsection 90(1) of CEPA 1999 would amend Item 8 of the list which currently references "mercury" to read "mercury and its compounds." This addition would allow Ministers to develop other proposed regulations or instruments to manage the risks posed by these substances under CEPA 1999. The Ministers may also choose to develop non-regulatory instruments to manage these risks.

Note: One of these proposed risk management instruments was pre-published in the Canada Gazette, Part I, in February 2011. The proposed Regulations Respecting Products Containing Certain Substances Listed in Schedule 1 to the Canadian Environmental Protection Act, 1999 would restrict the import, sale and manufacture of products that contain mercury and mercury compounds (G/TBT/N/CAN/333).

Objective and rationale: Protection of human health and the environment

Relevant documents: Canada Gazette, Part I, 1 October 2011, Pages 3090-3097

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 30 November 2011

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/CAN/full_text/pdf/CAN345\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CAN/full_text/pdf/CAN345(english).pdf)

Costa Rica Notification CRI/122

Date issued: 14 October 2011

Agency responsible: Ministry of the Economy, Industry and Trade (MEIC)

National inquiry point: Ministerio de Economía, Industria y Comercio: Dirección de Mejora Regulatoria y Reglamentación Técnica, Centro de Información de Obstáculos Técnicos al Comercio - CIOT (MEIC)

Products covered: Electrical wiring

Title: RTCR 458:2011: Regulation to Formalize the Costa Rican Electrical Code for the Safety of Life and Property

Description of content: The notified Regulation seeks to provide practical protection for persons and property against the risks deriving from inadequate electrical wiring systems or the materials and equipment used in these systems.

Objective and rationale: To safeguard human life

Relevant documents: National Electrical Code, International Electrical Code Series (NEC 2008, NFPA 70)

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 14 December 2011

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/CRI/full_text/pdf/CRI122\(spanish\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CRI/full_text/pdf/CRI122(spanish).pdf)

Notify U.S. suggests that US businesses send comments to notifyus@nist.gov at least three business days before the closing date. Include the following information:

- Your name
- Company name
- Contact name at company name
- Date submitted
- Notification commented on (number and title)
- Issue statement: The reason you are submitting comments should be stated clearly and should focus on the technical aspects. If you would have trouble meeting a deadline, indicate when you could comply.
- Supporting rationale statement: You should provide a rationale to support your issue statement. Focus on the technical aspects of the proposed regulation with which you may have issues.

Notify U.S. does not offer advice on what non-US businesses should do about WTO TBT notices that they find objectionable. However, every nation that participates in sharing these WTO TBT notices has some means for their constituents to file objections. If you are not a US citizen and have an objection, please find out what your nation's procedure is and tell the editors of *Standards News* so we can tell other readers.

ANSI Public Review Announcements

The following recent ANSI public review announcements are likely to be of interest to *Standards News* readers. Please send your comments before the deadline to the person indicated and to the Board of Standards Review at the American National Standards Institute, psa@ansi.org.

Due 5 December 2011

BSR/APA PRG 320-201x, Standard for Performance-Rated Cross- Laminated Timber (new standard)

Covers the manufacturing, qualification, quality assurance, design, and installation requirements for engineered wood cross-laminated timber products.

Order from and send comments to: Borjen Yeh, borjen.yeh@apawood.org

Single copy price: Free

BSR/GTEEMC MSE 50021-201x, Superior Energy Performance - Additional Requirements for Energy Management Systems (new standard)

Specifies the additional Superior Energy Performance (SEP) requirements beyond the ISO 50001 requirements that are needed for SEP certification. Additional SEP requirements are primarily related to both energy management and energy performance and include performance achievement requirements.

Order from and send comments to: Moon Kim, moon.kim@gtri.gatech.edu

Single copy price: N/A

BSR INCITS 483-201x, Information technology - Virtualization Management Specification (new standard)

Describes an open, secure, portable, efficient, and extensible infrastructure for management of virtualized systems.

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

Send comments to: Deborah Spittle, dspittle@itic.org

Single copy price: \$30.00

IEC and ISO Draft International Standards

The International Electrotechnical Commission (IEC) and the International Organization for Standardization (ISO) are considering the following documents for approval. The documents are available from your nation's representative organization to the IEC and ISO. Comments should be sent via your representative before the deadline date shown. Comments from citizens of the United States of America on IEC drafts should be sent to Charles T. Zegers at czegers@ansi.org. Comments from Americans on ISO drafts should be sent to Karen Hughes at isot@ansi.org. Price, when shown, is for purchasing the draft document from ANSI's standards store.

ISO/DIS 14306, Industrial automation systems and integration - JT file format specification for 3D visualization : 14 January 2012, \$281.00

ISO/DIS 9211-4, Optics and photonics - Optical coatings - Part 4: Specific test methods: 10 January 2012, \$62.00

ISO/DIS 22311, Societal security - Video-surveillance - Export interoperability: 10 January 2012, \$88.00

34D/1036/FDIS, IEC 60598-2-18 amd 1: Luminaires - Part 2: Particular requirements - Section 18: Luminaires for swimming pools and similar applications, 25 November 2011

New ANS Projects

ANSI has announced the following new projects that might affect the business of *Standards News* readers. Please contact the person listed if you are interested in more information or in becoming involved. You also may contact the developer if you object to the project and wish it to be abandoned, or if you would like to point out that its scope is covered by an existing standard, so the project might be redundant or conflicting.

BSR/UL 62109-1-201x, Standard for safety of power converters for use in photovoltaic power systems - Part 1: General requirements (national adoption with modifications of IEC 62109-1)

Covers the minimum requirements for the design and manufacture of power conversion equipment (PCE) for protection against electric shock, energy, fire, mechanical, and other hazards. This standard provides general requirements applicable to all types of PV PCE. This standard covers PCE connected to systems not exceeding maximum PV source circuit voltage of 1,500 V D.C. Contact: Susan Malohn, Susan.P.Malohn@us.ul.com

BSR/UL 62109-2-201x, Standard for safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters (national adoption with modifications of IEC 62109-2)

Covers the particular safety requirements relevant to D.C. to A.C. inverter products as well as products that have or perform inverter functions in addition to other functions, where the inverter is intended for use in PV power systems. Inverters covered by this standard may be grid-interactive, stand-alone, or multiple mode inverters, may be supplied by single or multiple photovoltaic modules grouped in various array configurations, and may be intended for use in conjunction with batteries or other forms of energy storage. Contact: Susan Malohn, Susan.P.Malohn@us.ul.com

BSR Z83.7b-201x, Standard for Gas-Fired Construction Heaters (same as CSA 2.14b) (revision of ANSI Z83.7-2000 (R2010))

Details test and examination criteria for construction heaters for use with natural and liquefied petroleum gases. A construction heater is primarily intended for temporary use in heating buildings or structures under construction, alteration or repair. All products of combustion are released into the area being heated. Contact: Cathy Rake, cathy.rake@csa-america.org

Final Actions on American National Standards

The actions noted below have been approved by the ANSI Board of Standards Review or by an ANSI-Audited Designator. Final actions can include withdrawals as well as the adoption of new standards and the revision or reaffirmation of existing standards.

ANSI/ISEA 207-2011, High-Visibility Public Safety Vests (revision of ANSI/ISEA 207-2006): 17 October 2011

ANSI/TIA 568-C.1-2-2011, Commercial Building Telecommunications Cabling Standard - Addendum 2: General Updates (addenda to ANSI/TIA 568-C.1-2009): 17 October 2011

ANSI/UL 1472-2006 (R2011), Standard for Safety for Solid-State Dimming Controls (reaffirmation of ANSI/UL 1472-2006): 14 October 2011

Newly Published ISO & IEC Standards

Listed here are standards and technical reports recently approved by ISO (the International Organization for Standardization) and the IEC (the International Electrotechnical Commission). The prices shown are those if purchased from the ANSI Electronic Standards Store at <http://webstore.ansi.org/>. The prices may be lower or higher from other vendors.

IEC 60598-1 Ed. 7.0 b Cor.1:2011, Corrigendum 1 - Luminaires - Part 1: General requirements and tests, \$0.00

IEC 61937-1 Amd.1 Ed. 2.0 b:2011, Amendment 1 - Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 1: General, \$21.00

IEC 61937-2 Ed. 2.0 b:2007, Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burstinfo, \$56.00

IEC 62442-1 Ed. 1.0 b:2011, Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear, \$97.00

ISO/IEC 14496-26/Cor4:2011, Information technology - Coding of audio-visual objects - Part 26: Audio conformance - Corrigendum 4, FREE

ISO/IEC 14496-3/Cor2:2011, Information technology - Coding of audio-visual objects - Part 3: Audio - Corrigendum 2, FREE

ISO/IEC 14496-5/Amd10/Cor5:2011, Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 10: SSC, DST, ALS and SLS reference software - Corrigendum 5, FREE

ISO/IEC 14496-5/Amd5/Cor1:2011, Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 5: Reference software extensions for error resilient simple scalable profile - Corrigendum 1, FREE

ISO/IEC 23003-1/Amd1/Cor1:2011, Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 1: Conformance testing - Corrigendum 1, FREE

ISO/IEC 23003-1/Amd2/Cor2:2011, Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 2: Reference software - Corrigendum 2, FREE

ISO/IEC 24791-2:2011, Information technology - Radio frequency identification (RFID) for item management - Software system infrastructure - Part 2: Data management, \$98.00

TSP Meeting Schedule

The Stage Lifts Working Group is scheduled to meet by Webex from 15:00 to 18:00 Eastern Time on the second Monday of every month. For more information, contact Martin Moore at martinmoore2010@gmail.com.

The meetings listed in the table immediately below will be held at the Orlando Hilton at 6001 Destination Parkway in Orlando, Florida in conjunction with the LDI trade show.

Control Protocols BSR E1.33/E1.37 Mo RDM TG	09:30 – 17:00	Monday 31 October 2011
Control Protocols WG	09:00 – 10:45	Thursday 27 October 2011
Control Protocols VLC TG	11:00 - 13:00	Thursday 27 October 2011
Electrical Power WG	19:00 – 23:00	Friday 28 October 2011
Photometrics WG	08:00 – 10:00	Friday 28 October 2011
Rigging BSR E1.21 Outdoor Structures TG	08:00 – noon	Wednesday 26 October 2011
	08:00 – noon	Thursday 27 October 2011
Rigging BSR E1.39 PFAS TG	13:00 - 18:00	Thursday 27 October 2011
Rigging BSR E1.43 Performer Flying TG	13:00 – 17:00	Wednesday 26 October 2011
Rigging BSR E1.44 Show File - Stage Machinery TG	13:00 – 17:00	Thursday 27 October 2011
Rigging BSR E1.6-2 Chain Hoist TG	09:00 - noon	Thursday 27 October 2011
Rigging WG	19:00 - 23:00	Wednesday 26 October 2011

Technical Standards Council	13:00 – 17:00	Wednesday 26 October 2011
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The meetings listed in the table immediately below will be held at the Marriott Solana in Westlake, TX.

Control Protocols RDM Plugfest	16:00 – 23:00	Friday 27 January 2012
	09:00 – 23:00	Saturday 28 January 2012
	09:00 - 23:00	Sunday 29 January 2012
Control Protocols Working Group	09:00 - 13:00	Monday 30 January 2012
Electrical Power Working Group	09:00 - noon	Sunday 29 January 2012
Fog & Smoke Working Group	19:00 - 23:00	Sunday 29 January 2012
Photometrics Working Group	14:00 - 18:00	Monday 30 January 2012
Rigging BSR E1.6-1 Powered Winch TG	13:00 -22:00	Friday 27 January 2012
	09:00 - 22:00	Saturday 28 January 2012
	09:00 - 13:00	Sunday 29 January 2012
Rigging Working Group	13:00 - 18:00	Saturday 28 January 2012
Technical Standards Council	09:00 - 13:00	Tuesday 31 January 2012
Working Group Chairs	14:00 - 18:00	Sunday 29 January 2012

The meeting schedule for the USITT Conference in March 2012 at the Long Beach Convention and Entertainment Center is still to be determined. Watch this space!

The meetings listed in the table immediately below will be held at the Hilton New York in New York, NY in conjunction with the NATEAC conference.

Control Protocols Working Group	09:00 – 13:00	Saturday 21 July 2012
Rigging Working Group	13:00 – 6pm	Thursday 19 July 2012
Technical Standards Council	09:00 – 13:00	Friday, 20 July 2012

PLASA Standards News

is distributed as a benefit to PLASA members and as a project announcement medium for PLASA Technical Standards Program participants.

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